

# Professional Spotting Kit K250

Material Safety Data Sheet (MSDS)
&
Product Selection Guide
Booklet

## Professional Spotting Kit MSDS Booklet

## Introduction

The Prochem Professional Spotting Kit provides professional cleaner with a complete kit of spotting products and tools, from the leading company in professional carpet and upholstery cleaning products.

Prochem is also concerned about helping the professional cleaner to stay in compliance with worker safety regulations. This booklet of Material Safety Data Sheets (MSDSs) is provided to make it easier to comply with the requirements of the federal Hazard Communication Standard ("Worker Right-to-Know") as well as similar state right-to-know laws enacted in most states.

One of the requirements of these regulations is that the employer must provide MSDSs for chemicals used by the employee. The MSDSs must be immediately accessible in the employee's work area. For a mobile professional cleaning operation, this generally means MSDSs must be kept in the van.

This booklet contains MSDSs for the spotting products and additives contained in the Professional Spotting Kit.





## K250 Professional Spotting Kit Material Safety Data Sheets (MSDS)



Pro Spotter

MSDS Number: B121 Revision Date: February 18, 2009

Page 1 of 4

#### 1

#### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

PROCHEM Kärcher North America 325 S. Price Road Chandler, AZ 85224

Contact: Prochem

Telephone Number: 480-899-7000 FAX Number: 480-786-9538 E-Mail: info@prochem.com Web www.prochem.com

Product Name: Pro Spotter
Revision Date: February 18, 2009

MSDS Number: B121

Emergency Telephone: (800) 535-5053 [Infotrac]

## 2

## HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation; Ingestion;

Target Organs: Eyes; Skin;

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material

Skin Contact: May Cause Irritation. Eye Contact: May Cause Irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury;

swallowing amounts larger than that may cause temporary injury.

HMIS III-ratings (scale 0-4): Health = 1, Fire = 0, Physical Hazard = 0

#### 3

#### COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients:

Cas # Perc. Chemical Name

111762 | <4% | Ethylene glycol monobutyl ether

OSHA Regulatory Status:

This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

## MSDS Material Safety Data Sheet Prochem



**Pro Spotter** 

MSDS Number: B121 Revision Date: February 18, 2009

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## 4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids

occasionally to facilitate irrigation. Get immediate medical attention.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured

party is conscious, give two glasses of water. Seek medical attention.

## 5 FIRE FIGHTING MEASURES

Flash Point: >212°F
Flash Point Method: Closed Cup

Wear self contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

## 6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbant material and place into separate waste container. Ventilate Area and Wash Spill Site After Material Pickup is Complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

#### 7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with

care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash

thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool well-ventilated place

away from strong oxidizing or alkaline product.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Protective Equipment: HMIS PP, X | Consult your supervisor for special instructions

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear

N/D **Physical State:** Liquid **Boiling Point:** Odor: Citrus Freezing/Melting Pt.: N/D :Ha 6.5 - 7.5Solubility: Soluble Vapor Pressure: N/D Spec Grav./Density: 8.45

Vapor Density: N/D

## MSDS Material Safety Data Sheet Prochem



Pro Spotter

MSDS Number: B121 Revision Date: February 18, 2009

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## 10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to avoid: None Known

Materials to avoid (incompatability): None Known

Hazardous Decomposition products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids,

and other unidentified thermal decomposition products from this product or its

packaging.

Hazardous Polymerization: Will not occur.

## 11 TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact, and Skin absorption/contact

Effects of Acute Overexposure to Product:

Eye Contact: Causes eye irritation, redness, tearing and blurred vision

Skin Contact: Causes skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system

effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea.

None of the components in this product are listed by NTP, IARC or OSHA as a carcinogen.

### 12 ECOLOGICAL INFORMATION

Refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

## 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

#### 14 TRANSPORT INFORMATION

Refer to bill of lading or container label for DOT or other transportation hazard classification. Ship in accordance with 49 CFR parts 100-185.

## MSDS Material Safety Data Sheet Prochem



Pro Spotter

MSDS Number: B121 Revision Date: February 18, 2009

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#### 15

## REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*Ethylene glycol monobutyl ether (111762 <4%) HAP, MASS, OSHAWAC, PA, TXAIR

REGULATORY KEY DESCRIPTIONS

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HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level

#### 16

## OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager Phone Number: [480] 899-7000

**END OF MSDS DOCUMENT** 



## Protein Stain Spotter

MSDS Number: B144 Revision Date: February 18, 2009

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#### 1

#### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

PROCHEM Kärcher North America 325 S. Price Road Chandler, AZ 85224

Contact: Prochem

Telephone Number: 480-899-7000 FAX Number: 480-786-9538 E-Mail: info@prochem.com Web www.prochem.com

Product Name: Protein Stain Spotter Revision Date: February 18, 2009

MSDS Number: B144

Emergency Telephone: (800) 535-5053 [Infotrac]

## 2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation; Ingestion;

Target Organs: Eyes; Skin;

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material

Skin Contact: May Cause Irritation.

Eye Contact: May Cause Irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury;

swallowing amounts larger than that may cause temporary injury.

HMIS III-ratings (scale 0-4): Health = 1, Fire = 0, Physical Hazard = 0

## 3

#### COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

Cas #	Perc.	Chemical Name
111762	<3%	Ethylene glycol monobutyl ether
111900	<3%	Diethylene glycol ethyl ether

#### OSHA Regulatory Status:

This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.



## Protein Stain Spotter

MSDS Number: B144 Revision Date: February 18, 2009

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## FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids

occasionally to facilitate irrigation. Get immediate medical attention.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured

party is conscious, give two glasses of water. Seek medical attention.

## 5 FIRE FIGHTING MEASURES

Flash Point: >212°F
Flash Point Method: Closed Cup

Wear self contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

## 6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbant material and place into separate waste container. Ventilate Area and Wash Spill Site After Material Pickup is Complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

#### 7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with

care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash

thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool well-ventilated place

away from strong oxidizing or alkaline product.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Protective Equipment: HMIS PP, X | Consult your supervisor for special instructions



## Protein Stain Spotter

MSDS Number: B144 Revision Date: February 18, 2009

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear

N/D Physical State: Liquid **Boiling Point:** Odor: Freezing/Melting Pt.: N/D Mint pH: 9.5 - 10.5Solubility: Soluble Vapor Pressure: N/D Spec Grav./Density: 8.51

Vapor Density: N/D

## 10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to avoid: None Known

Materials to avoid (incompatability): None Known

Hazardous Decomposition products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids,

and other unidentified thermal decomposition products from this product or its

packaging.

Hazardous Polymerization: Will not occur.

## 11 TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact; Skin absorption/contact

Effect of Acute Overexposure to Product:

Eye Contact: Causes eye irritation, redness tearing and blurred vision

Skin Contact: Causes skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system

effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea.

None of the components in this product are listed by NTP, IARC or OSHA as a carcinogen.

#### 12 ECOLOGICAL INFORMATION

Refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

## 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.



## **Protein Stain Spotter**

MSDS Number: B144 Revision Date: February 18, 2009

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#### TRANSPORT INFORMATION

Refer to bill of lading or container label for DOT or other transportation hazard classification; ship in accordance with 49 CFR parts 100-185.

#### 15

## **REGULATORY INFORMATION**

COMPONENT / (CAS/PERC) / CODES

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\*Ethylene glycol monobutyl ether (111762 <3%) HAP, MASS, OSHAWAC, PA, TXAIR, WHMIS 1%

\*Diethylene glycol ethyl ether (111900 <3%) HAP, TXAIR, WHMIS 1%

#### REGULATORY KEY DESCRIPTIONS

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HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level
WHMIS= Workforce Hazardous Material Information System

#### 16

## OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager Phone Number: [480] 899-7000

**END OF MSDS DOCUMENT** 



## Pet Spotter & Deodorizer

MSDS Number: B153 Revision Date: February 18, 2009

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#### 1

#### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

PROCHEM Kärcher North America 325 S. Price Road Chandler, AZ 85224

Contact: Prochem

Telephone Number: 480-899-7000 FAX Number: 480-786-9538 E-Mail: info@prochem.com Web www.prochem.com

Product Name: Pet Spotter & Deodorizer Revision Date: February 18, 2009

MSDS Number: B153

Emergency Telephone: (800) 535-5053 [Infotrac]

## 2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation; Ingestion;

Target Organs: Eyes; Skin;

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material

Skin Contact: May Cause Irritation.

Eye Contact: May Cause Irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury;

swallowing amounts larger than that may cause temporary injury.

HMIS III-ratings (scale 0-4): Health = 1, Fire = 0, Physical Hazard = 0

#### 3

#### COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

Cas # Perc. Chemical Name

79141 | 1-3% | Acetic acid, hydroxy-

OSHA Regulatory Status:

This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.



## Pet Spotter & Deodorizer

MSDS Number: B153 Revision Date: February 18, 2009

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## 4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids

occasionally to facilitate irrigation. Get immediate medical attention.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured

party is conscious, give two glasses of water. Seek medical attention.

## FIRE FIGHTING MEASURES

Flash Point: 174°F Flash Point Method: Closed Cup

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Wear self contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

## 6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbant material and place into separate waste container. Ventilate Area and Wash Spill Site After Material Pickup is Complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

## 7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with

care and avoid spillage on the floor ( slippage). Keep away from sources of ignition. Wash

thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool well-ventilated place

away from strong oxidizing or alkaline product.

#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Protective Equipment: HMIS PP, X | Consult your supervisor for special instructions

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Yellow

Physical State:LiquidBoiling Point:N/DOdor:CitrusFreezing/Melting Pt.:N/DpH:3.2Solubility:N/D

Vapor Pressure: N/D Spec Grav./Density: 8.42 lb/gal

Vapor Density: N/D



## Pet Spotter & Deodorizer

MSDS Number: B153 Revision Date: February 18, 2009

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## 10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to avoid: Open Flames, Ignition points, heat sources

Materials to avoid (incompatability): Strong oxidizing or alkaline agents

Hazardous Decomposition products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids,

and other unidentified thermal decomposition products from this product or its

packaging.

Hazardous Polymerization: Will not occur.

## 11 TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact, and Skin absorption/contact

Effects of Acute Overexposure to Product:

Eye Contact: Causes eye irritation, redness, tearing and blurred vision

Skin Contact: Causes skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system

effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea.

None of the components in this product are listed by NTP, IARC or OSHA as a carcinogen.

#### 12 ECOLOGICAL INFORMATION

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

## 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

### TRANSPORT INFORMATION

Refer to bill of lading or container label for DOT or other transportation hazard classification; ship in accordance with 49 CFR parts 100-185.

## 15 REGULATORY INFORMATION

All ingredients for this product are listed on the TSCA inventory.

SARA Title III chemicals: None California Prop 65 chemicals: None CERCLA reportable quantity: None

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Pet Spotter & Deodorizer

MSDS Number: B153 Revision Date: February 18, 2009

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## OTHER INFORMATION

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All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager Phone Number: [480] 899-7000

**END OF MSDS DOCUMENT** 



Power Solvent

MSDS Number: B167 Revision Date: February 18, 2009

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#### 1

#### PRODUCT AND COMPANY IDENTIFICATION

#### **Manufacturer**

PROCHEM Kärcher North America 325 S. Price Road Chandler, AZ 85224

Contact: Prochem

Telephone Number: 480-899-7000 FAX Number: 480-786-9538 E-Mail: info@prochem.com Web www.prochem.com

Product Name: Power Solvent Revision Date: February 18, 2009

Version: 1.2 MSDS Number: B167

Emergency Telephone: (800) 535-5053 [Infotrac]

## 2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation; Ingestion;

Target Organs: Eyes; Skin;

Inhalation: Inhalation of the dust may cause coughing and sneezing.

Skin Contact: No more than slightly toxic or slightly irritating based on toxicity studies. Prolonged contact with the

dry powder may cause drying or chapping of the skin.

Eye Contact: No more than slightly irritating based on toxicity studies. The dry powder may cause foreign body

irritation in some individuals.

Ingestion: Is not toxic if swallowed based on toxicity studies. No significant adverse health effects are

expected to develop if only small amounts (less than a mouthful) are swallowed. Swallowing large

amounts may cause abdominal discomfort and diarrhea.

HMIS III-ratings (scale 0-4): Health = 1, Fire = 0, Physical Hazard = 0

## 3

## COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients:

Cas # Perc. Chemical Name

872504 | <3% | n-Methylpyrrolidone

#### OSHA Regulatory Status:

This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.



#### Power Solvent

MSDS Number: B167 Revision Date: February 18, 2009

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#### 4

#### FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air.

Skin Contact: Wash with soap and water.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids

occasionally to facilitate irrigation.

Ingestion: Immediate first aid is not likely to be required. A physician or Poison Control Center can be

contacted for advice.

#### 5

#### FIRE FIGHTING MEASURES

Flash Point: 152°F
Flash Point Method: Closed Cup

Wear self contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

#### 6

#### ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

## 7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with

care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash

thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool well-ventilated place

away from strong oxidizing or alkaline product.

#### 8

## **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Protective Equipment: HMIS PP, X | Consult your supervisor for special instructions



Power Solvent

MSDS Number: B167 Revision Date: February 18, 2009

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear

Physical State: **Boiling Point:** N/D Liquid Freezing/Melting Pt.: Odor: Solvent N/D Solubility: pH: N/A Soluble Spec Grav./Density: Vapor Pressure: N/D 6.91

Vapor Density: N/D

Heat Value: N/D VOC: 8% Evap. Rate: N/D Bulk Density: N/D Octanol: N/A Molecular Weight: N/A Particle Size: N/A Softening Point: N/A Viscosity: N/D Percent Volatile: N/D Sat. Vap. Concentrat.: N/D Molecular Formula: N/A

#### 10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to avoid: None Known

Materials to avoid (incompatability): None Known

Hazardous Decomposition products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids,

and other unidentified thermal decomposition products from this product or its

packaging.

Hazardous Polymerization: Will not occur.

#### 11 TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact, and Skin absorption/contact

Effects of Acute Overexposure to Product:

Eye Contact: Causes eye irritation, redness, tearing and blurred vision

Skin Contact: Causes skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system

effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause gastrointestinal temporary irritation with nausea, vomiting and diarrhea.

None of the components in this product are listed by NTP, IARC or OSHA as a carcinogen.



Power Solvent

MSDS Number: B167 Revision Date: February 18, 2009

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#### 12

#### **ECOLOGICAL INFORMATION**

Refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

## 13

## **DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

#### 14

## TRANSPORT INFORMATION

Refer to bill of lading or container label for DOT or other transportation hazard classification; ship in accordance with 49 CFR parts 100-185.

## 15

## **REGULATORY INFORMATION**

COMPONENT / (CAS/PERC) / CODES

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\*n-Methylpyrrolidone (872504 <3%) MASS, NJHS, PA, SARA313, CA Prop 65, WHMIS 1% REGULATORY KEY DESCRIPTIONS

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All components are listed on TSCA

CA Prop 65 = California Safe Drinking Water and Toxic Enforcement Act of 1986 MASS = MA Massachusetts Hazardous Substances List NJHS = NJ Right-to-Know Hazardous Substances PA = PA Right-To-Know List of Hazardous Substances SARA313 = SARA 313 Title III Toxic Chemicals WHMIS= Workforce Hazardous Material Information System



Power Solvent

MSDS Number: B167 Revision Date: February 18, 2009

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#### 16

## OTHER INFORMATION

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Prepared by: EHS Manager Phone Number: [480] 899-7000

**END OF MSDS DOCUMENT** 



#### Paint, Oil & Grease Remover

MSDS Number: B173 Revision Date: February 18, 2009

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#### 1

### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

PROCHEM Kärcher North America 325 S. Price Road Chandler, AZ 85224

Contact: Prochem

Telephone Number: 480-899-7000 FAX Number: 480-786-9538 E-Mail: info@prochem.com Web www.prochem.com

Product Name: Paint, Oil & Grease Remover

Revision Date: February 18, 2009

Version: 1.3 MSDS Number: B173

Emergency Telephone: (800) 535-5053 [Infotrac]

## 2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation; Ingestion;

Target Organs: Eyes; Skin;

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material

Skin Contact: May Cause Irritation. Eye Contact: May Cause Irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury;

swallowing amounts larger than that may cause temporary injury.

HMIS III-ratings (scale 0-4): Health = 1, Fire = 2, Physical Hazard = 0

### 3

## COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients:

Cas # Perc. Chemical Name

872504 | 7-8% | n-Methylpyrrolidone

OSHA Regulatory Status:

This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.



#### Paint, Oil & Grease Remover

MSDS Number: B173 Revision Date: February 18, 2009

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## 4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids

occasionally to facilitate irrigation. Get immediate medical attention.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured

party is conscious, give two glasses of water. Seek medical attention.

## 5 FIRE FIGHTING MEASURES

Flash Point: 186 °F Flash Point Method: Closed Cup

Wear self contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

## 6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

#### 7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with

care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash

thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool well-ventilated place

away from strong oxidizing or alkaline product.

#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Protective Equipment: HMIS PP, X | Consult your supervisor for special instructions



Paint, Oil & Grease Remover

MSDS Number: B173 Revision Date: February 18, 2009

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear

Physical State: **Boiling Point:** N/D Liquid Odor: Solvent Freezing/Melting Pt.: N/D Solubility: pH: N/A Soluble Spec Grav./Density: Vapor Pressure: N/D 7.36

Vapor Density: N/D

Heat Value: N/D VOC: 8% Evap. Rate: N/D Bulk Density: N/D Octanol: N/A Molecular Weight: N/A Particle Size: N/A Softening Point: N/D Viscosity: N/D Percent Volatile: N/D Sat. Vap. Concentrat.: N/D Molecular Formula: N/A

## 10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to avoid: None Known

Materials to avoid (incompatability): None Known

Hazardous Decomposition products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids,

and other unidentified thermal decomposition products from this product or its

packaging.

Hazardous Polymerization: Will not occur.

#### 11 TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact, and Skin absorption/contact

Effects of Acute Overexposure to Product:

Eye Contact: Causes eye irritation, redness, tearing and blurred vision

Skin Contact: Causes skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous

system effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea.

None of the components in this product are listed by NTP, IARC or OSHA as a carcinogen.



Paint, Oil & Grease Remover

MSDS Number: B173 Revision Date: February 18, 2009

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#### 12

#### **ECOLOGICAL INFORMATION**

Refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

#### 13

#### **DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

## TRANSPORT INFORMATION

Refer to bill of lading or container label for DOT or other transportation hazard classification; ship in accordance with 49 CFR parts 100-185.

#### 15

## REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*n-Methylpyrrolidone (872504 7-8%) MASS, NJHS, PA, SARA313, Prop 65, WHMIS 1% REGULATORY KEY DESCRIPTIONS

All components are listed on TSCA MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

PA = PA Right-To-Know List of Hazardous Substances

PROP65 = California Safe Drinking Water and Toxic Enforcement Act of 1986 SARA313 = SARA 313 Title III Toxic Chemicals

WHMIS= Workforce Hazardous Material Information System

### 16

## OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager Phone Number: [480] 899-7000

**END OF MSDS DOCUMENT** 



## Coffee & Tannin Spotter

MSDS Number: B182 Revision Date: February 18, 2009

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#### 1

#### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

PROCHEM Kärcher North America 325 S. Price Road Chandler, AZ 85224

Contact: Prochem

Telephone Number: 480-899-7000 FAX Number: 480-786-9538 E-Mail: info@prochem.com Web www.prochem.com

Product Name: Coffee & Tannin Spotter Revision Date: February 18, 2009

MSDS Number: B182

Emergency Telephone: (800) 535-5053 [Infotrac]

## 2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation; Ingestion;

Target Organs: Eyes; Skin;

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material

Skin Contact: May Cause Irritation.

Eye Contact: May Cause Irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury;

swallowing amounts larger than that may cause temporary injury.

HMIS III-ratings (scale 0-4): Health = 1, Fire = 0, Physical Hazard = 0

#### 3

#### COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

Cas #	Perc.	Chemical Name
7631905	<6%	Sodium bisulfite
34590948	<3%	Dipropylene glycol methyl ether

## OSHA Regulatory Status:

This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.



## Coffee & Tannin Spotter

MSDS Number: B182 Revision Date: February 18, 2009

Page 2 of 4

## FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids

occasionally to facilitate irrigation. Get immediate medical attention.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured

party is conscious, give two glasses of water. Seek medical attention.

## 5 FIRE FIGHTING MEASURES

Flash Point: >212°F
Flash Point Method: Closed Cup

Wear self contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

## 6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbant material and place into separate waste container. Ventilate Area and Wash Spill Site After Material Pickup is Complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

### 7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with

care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash

thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool well-ventilated place

away from strong oxidizing or alkaline product.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Protective Equipment: HMIS PP, X | Consult your supervisor for special instructions



## Coffee & Tannin Spotter

MSDS Number: B182 Revision Date: February 18, 2009

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear

N/D Physical State: Liquid **Boiling Point:** Odor: Sulfur Freezing/Melting Pt.: N/D pH: 4.44 Solubility: Soluble Vapor Pressure: N/D Spec Grav./Density: 8.68

Vapor Density: N/D

## 10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to avoid: Open Flames, Ignition points, heat sources

Materials to avoid (incompatability): None Known

Hazardous Decomposition products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids,

and other unidentified thermal decomposition products from this product or its

packaging.

Hazardous Polymerization: Will not occur.

## 11 TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact, and Skin absorption/contact

Effects of Acute Overexposure to Product:

Eye Contact: Causes eye irritation, redness, tearing and blurred vision

Skin Contact: Causes skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system

effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea.

None of the components in this product are listed by NTP, IARC or OSHA as a carcinogen.

## 12 ECOLOGICAL INFORMATION

Refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

## 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.



## Coffee & Tannin Spotter

MSDS Number: B182 Revision Date: February 18, 2009

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#### 14

#### TRANSPORT INFORMATION

Refer to bill of lading or container label for DOT or other transportation hazard classification; ship in accordance with 49 CFR parts 100-185.

## 15

## **REGULATORY INFORMATION**

COMPONENT / (CAS/PERC) / CODES

\*Sodium bisulfite (7631905 <6%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TXAIR, WHMIS 1%

\*Dipropylene glycol methyl ether (34590948 <3%) MASS, OSHAWAC, PA, TXAIR, WHMIS 1%

#### REGULATORY KEY DESCRIPTIONS

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CERCLA = Superfund clean up substance CSWHS = Clean Water Act Hazardous substances MASS = MA Massachusetts Hazardous Substances List OSHAWAC = OSHA Workplace Air Contaminants PA = PA Right-To-Know List of Hazardous Substances TXAIR = TX Air Contaminants with Health Effects Screening Level WHMIS= Workforce Hazardous Material Information System

#### 16

#### OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager Phone Number: [480] 899-7000

**END OF MSDS DOCUMENT** 



#### Rust Remover

MSDS Number: B198 Revision Date: February 19, 2009

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#### 1

#### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

PROCHEM Kärcher North America 325 S. Price Road Chandler, AZ 85224

Contact: Prochem

Telephone Number: 480-899-7000 FAX Number: 480-786-9538 E-Mail: info@prochem.com Web www.prochem.com

Product Name: Rust Remover Revision Date: February 19, 2009

MSDS Number: B198

Emergency Telephone: (800) 535-5053 [Infotrac]

## 2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation; Ingestion;

Target Organs: Eyes; Skin;

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material

Skin Contact: May Cause Irritation. Eye Contact: May Cause Irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury;

swallowing amounts larger than that may cause temporary injury.

HMIS III-ratings (scale 0-4): Health = 2, Fire = 0, Physical Hazard = 0

#### 3

#### COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

Cas #	Perc.	Chemical Name
144627 112345 7664382	<9%   <4%   <5%	Oxalic acid (as dihydrate)   Diethylene glycol monobutyl ether   Phosphoric acid

### OSHA Regulatory Status:

This MSDS Contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.



#### Rust Remover

MSDS Number: B198 Revision Date: February 19, 2009

Page 2 of 4

## FIRST AID MEASURES

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Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids

occasionally to facilitate irrigation. Get immediate medical attention.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured

party is conscious, give two glasses of water. Seek medical attention.

## FIRE FIGHTING MEASURES

Flash Point: >212°F
Flash Point Method: Closed Cup

Wear self contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

## 6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbant material and place into separate waste container. Ventilate Area and Wash Spill Site After Material Pickup is Complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

### 7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with

care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash

thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool well-ventilated place

away from strong oxidizing or alkaline product.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Protective Equipment: HMIS PP, X | Consult your supervisor for special instructions



#### Rust Remover

MSDS Number: B198 Revision Date: February 19, 2009

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Opaque White

Liquid **Boiling Point:** N/D Physical State: Odor: Acidic Freezing/Melting Pt.: N/D pH: 4.0 - 5.0Solubility: Soluble Vapor Pressure: N/D Spec Grav./Density: 8.7

Vapor Density: N/D

## 10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to avoid: Open Flames, Ignition points, heat sources

Materials to avoid (incompatability): None Known

Hazardous Decomposition products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids,

and other unidentified thermal decomposition products from this product or its

packaging.

Hazardous Polymerization: Will not occur.

## 11 TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact, and Skin absorption/contact

Effects of Acute Overexposure to Product:

Eye Contact: Causes eye irritation, redness, tearing and blurred vision

Skin Contact: Causes skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system

effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea.

None of the components in this product are listed by NTP, IARC or OSHA as a carcinogen.

#### 12 ECOLOGICAL INFORMATION

Refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

## 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.



Rust Remover

MSDS Number: B198 Revision Date: February 19, 2009

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#### 14

#### TRANSPORT INFORMATION

Refer to bill of lading or container label for DOT or other transportation hazard classification. Ship in accordance with 49 CFR parts 100-185.

#### 15

## **REGULATORY INFORMATION**

COMPONENT / (CAS/PERC) / CODES

\_\_\_\_\_

\*Oxalic acid (as dihydrate) (144627 <9%) MASS, OSHAWAC, PA, TXAIR

\*Diethylene glycol monobutyl ether (112345 <4%) HAP, WHMIS 1%

\*Phosphoric acid (7664382 <5%) CERCLA, CSWHS, EPCRAWPC, MASS, NJHS, OSHAWAC, SARA313, TXAIR

#### REGULATORY KEY DESCRIPTIONS

\_\_\_\_\_\_

CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals

TXAIR = TX Air Contaminants with Health Effects Screening Level WHMIS: WHMIS= Workforce Hazardous Material Information System

16

## OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

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Prepared by: EHS Manager Phone Number: [480] 899-7000



Zoop!

MSDS Number: E837 Revision Date: February 19, 2009

Page 1 of 4

#### 1

#### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

PROCHEM Kärcher North America 325 S. Price Road Chandler, AZ 85224

Contact: Prochem

Telephone Number: 480-899-7000 FAX Number: 480-786-9538 E-Mail: info@prochem.com Web www.prochem.com

Product Name: Zoop!

Revision Date: February 19, 2009

Version: 1.2 MSDS Number: E837

Emergency Telephone: (800) 535-5053 [Infotrac]

## 2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation; Ingestion;

Target Organs: Eyes; Skin;

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material

Skin Contact: May Cause Irritation.

Eye Contact: May Cause Irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury;

swallowing amounts larger than that may cause temporary injury.

HMIS III-ratings (scale 0-4): Health = 1, Fire = 1, Physical Hazard = 0

3

#### COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

Cas # Perc. Chemical Name

112345 | <45% | Diethylene glycol monobutyl ether

OSHA Regulatory Status:

This MSDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.



Zoop!

MSDS Number: E837 Revision Date: February 19, 2009

Page 2 of 4

## FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids

occasionally to facilitate irrigation. Get immediate medical attention.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured

party is conscious, give two glasses of water. Seek medical attention.

## 5 FIRE FIGHTING MEASURES

Flash Point: 185°F Flash Point Method: Closed Cup

Wear self contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

## 6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbant material and place into separate waste container. Ventilate Area and Wash Spill Site After Material Pickup is Complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

### 7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with

care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash

thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool well-ventilated place

away from strong oxidizing or alkaline product.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Protective Equipment: HMIS PP, X | Consult your supervisor for special instructions



Zoop!

MSDS Number: E837 Revision Date: February 19, 2009

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Milky Tan

N/D Physical State: Liquid **Boiling Point:** Odor: Freezing/Melting Pt.: N/D Clean pH: 6.59 Solubility: Soluble Vapor Pressure: N/D Spec Grav./Density: 8.37

Vapor Density: N/D

## 10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to avoid: Open Flames, Ignition points, heat sources

Materials to avoid (incompatability): None Known

Hazardous Decomposition products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids,

and other unidentified thermal decomposition products from this product or its

packaging.

Hazardous Polymerization: Will not occur.

## 11 TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact, and Skin absorption/contact

Effects of Acute Overexposure to Product:

Eye Contact: Causes eye irritation, redness, tearing and blurred vision

Skin Contact: Causes skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system

effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea.

None of the components in this product are listed by NTP, IARC or OSHA as a carcinogen.

#### 12 ECOLOGICAL INFORMATION

Refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

## 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.



Zoop!

MSDS Number: E837 Revision Date: February 19, 2009

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14

## TRANSPORT INFORMATION

Refer to bill of lading or container label for DOT or other transportation hazard classification. Ship in accordance with 49 CFR parts 100-185.

15

## **REGULATORY INFORMATION**

COMPONENT / (CAS/PERC) / CODES

\*Diethylene glycol monobutyl ether (112345 <45%) HAP, WHMIS 1%

REGULATORY KEY DESCRIPTIONS

HAP = Hazardous Air Pollutants

WHMIS= Workforce Hazardous Material Information System

## 16

## OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

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Prepared by: EHS Manager Phone Number: [480] 899-7000

**END OF MSDS DOCUMENT** 



Citrus Gel

MSDS Number: E840 Revision Date: February 19, 2009

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#### 1

#### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

PROCHEM Kärcher North America 325 S. Price Road Chandler, AZ 85224

Contact: Prochem

Telephone Number: 480-899-7000 FAX Number: 480-786-9538 E-Mail: info@prochem.com Web www.prochem.com

Product Name: Citrus Gel

Revision Date: February 19, 2009

MSDS Number: E840

Product Use: Grease, gum and tar spotter

Emergency Telephone: (800) 535-5053 [Infotrac]

#### 2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation; Ingestion;

Target Organs: Eyes; Skin;

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material

Skin Contact: May Cause Irritation. Eye Contact: May Cause Irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury;

swallowing amounts larger than that may cause temporary injury.

HMIS III-ratings (scale 0-4): Health = 1, Fire = 1, Physical Hazard = 0

#### -3

#### COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients:

Cas #	Perc.	Chemical Name	
872504 5989275	3-5%   3-5%	n-Methyl-2-pyrrolidone	

#### OSHA Regulatory Status:

This MSDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.



Citrus Gel

MSDS Number: E840 Revision Date: February 19, 2009

Page 2 of 4

#### 4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids

occasionally to facilitate irrigation. Get immediate medical attention.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured

party is conscious, give two glasses of water. Seek medical attention.

#### 5 FIRE FIGHTING MEASURES

Flash Point: 180°F Flash Point Method: Closed Cup

Wear self contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

#### 6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbant material and place into separate waste container. Ventilate Area and Wash Spill Site After Material Pickup is Complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

#### 7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with

care and avoid spillage on the floor ( slippage). Keep away from sources of ignition. Wash

thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool well-ventilated place

away from strong oxidizing or alkaline product.

#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Protective Equipment: HMIS PP, X | Consult your supervisor for special instructions

#### 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Opaque

Physical State: **Boiling Point:** N/D Liquid Odor: Citrus Freezing/Melting Pt.: N/D pH: 4.0 - 5.0N/D Solubility: Vapor Pressure: N/D Spec Grav./Density: 7.1 lb/gal

Vapor Density: N/D



Citrus Gel

MSDS Number: E840 Revision Date: February 19, 2009

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#### 10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to avoid: Open Flames, Ignition points, heat sources

Materials to avoid (incompatability): Strong oxidizing or alkaline agents

Hazardous Decomposition products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids,

and other unidentified thermal decomposition products from this product or its

packaging.

Hazardous Polymerization: Will not occur.

#### 11 TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact, and Skin absorption/contact

Effects of Acute Overexposure to Product:

Eye Contact: Causes eye irritation, redness, tearing and blurred vision

Skin Contact: Causes skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system

effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea.

None of the components in this product are listed by NTP, IARC or OSHA as a carcinogen.

#### 12 ECOLOGICAL INFORMATION

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

#### 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

#### 14 TRANSPORT INFORMATION

Refer to bill of lading or container label for DOT or other transportation hazard classification; ship in accordance with 49 CFR parts 100-185.



Citrus Gel

MSDS Number: E840 Revision Date: February 19, 2009

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#### 15

#### REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\_\_\_\_\_\_

\*n-Methyl-2-pyrrolidone (872504 3-5%) MASS, NJHS, PA, SARA313

\*d-Limonene (5989275 2-5%) WHMIS 1%

REGULATORY KEY DESCRIPTIONS

\_\_\_\_\_\_

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

PA = PA Right-To-Know List of Hazardous Substances

SARA313 = SARA 313 Title III Toxic Chemicals

WHMIS = Workforce Hazardous Material Information System

#### 16

#### OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager Phone Number: [480] 899-7000

**END OF MSDS DOCUMENT** 



#### Solv Ink

MSDS Number: E848 Revision Date: February 19, 2009

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#### 1

#### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

PROCHEM Kärcher North America 325 S. Price Road Chandler, AZ 85224

Contact: Prochem

Telephone Number: 480-899-7000 FAX Number: 480-786-9538 E-Mail: info@prochem.com Web www.prochem.com

Product Name: Solv Ink

Revision Date: February 19, 2009

Version: 1.1 MSDS Number: E848

Emergency Telephone: (800) 535-5053 [Infotrac]

#### 2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation; Ingestion;

Target Organs: Eyes; Skin;

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material

Skin Contact: May Cause Irritation. Eye Contact: May Cause Irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury;

swallowing amounts larger than that may cause temporary injury.

HMIS III-ratings (scale 0-4): Health = 1, Fire = 1, Physical Hazard = 0

#### 3

#### COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients:

Cas #	Perc.	Chemical Name
112345	40-80%	Diethylene Glycol Butyl Ether
872504	0-8%	n-Methylpyrrolidone
119368	0-5%	Methyl salicylate

#### OSHA Regulatory Status:

This MSDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.



#### Solv Ink

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#### FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids

occasionally to facilitate irrigation. Get immediate medical attention.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured

party is conscious, give two glasses of water. Seek medical attention.

#### FIRE FIGHTING MEASURES

Flash Point: 206 °F Flash Point Method: Closed Cup

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Wear self contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

#### 6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

#### HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with

care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash

thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool well-ventilated place

away from strong oxidizing or alkaline product.

#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Protective Equipment: HMIS PP, X | Consult your supervisor for special instructions



Solv Ink

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#### 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear

N/D Physical State: Liquid **Boiling Point:** Odor: Wintergreen Mint Freezing/Melting Pt.: N/D pH: N/A Solubility: N/D Vapor Pressure: N/D Spec Grav./Density: 8.5

Vapor Density: N/D

Heat Value: N/A VOC: 8% Evap. Rate: N/D Bulk Density: N/A Octanol: N/A Molecular Weight: N/A Particle Size: N/A Softening Point: N/A Viscosity: N/D Percent Volatile: N/D Sat. Vap. Concentrat.: N/D Molecular Formula: N/A

#### 10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to avoid: Open Flames, Ignition points, heat sources

Materials to avoid (incompatability): None Known

Hazardous Decomposition products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids,

and other unidentified thermal decomposition products from this product or its

packaging.

Hazardous Polymerization: Will not occur.

#### 11 TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact, and Skin absorption/contact

Effects of Acute Overexposure to Product:

Eye Contact: Causes eye irritation, redness, tearing and blurred vision

Skin Contact: Causes skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system

effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea.

None of the components in this product are listed by NTP, IARC or OSHA as a carcinogen.

#### 12 ECOLOGICAL INFORMATION

Refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.



Solv Ink

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#### **DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

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#### TRANSPORT INFORMATION

Refer to bill of lading or container label for DOT or other transportation hazard classification. Ship in accordance with 49 CFR parts 100-185.

#### 15

#### **REGULATORY INFORMATION**

COMPONENT / (CAS/PERC) / CODES

\*Diethylene Glycol Butyl Ether (112345 40-80%) HAP, SARA313 GE, WHMIS 1%

\*n-Methylpyrrolidone (872504 0-8%) MASS, NJHS, PA, SARA313, CA Prop 65

\*Methyl salicylate (119368 0-5%) PA, TXAIR

REGULATORY KEY DESCRIPTIONS

All components are listed on TSCA

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

PA = PA Right-To-Know List of Hazardous Substances
PROP65 = California Safe Drinking Water and Toxic Enforcement Act of 1986
SARA313 = SARA 313 Title III Toxic Chemicals

TXAIR = TX Air Contaminants with Health Effects Screening Level

WHMIS= Workforce Hazardous Material Information System

#### 16

#### OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

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Prepared by: EHS Manager Phone Number: [480] 899-7000



### K250 Professional Spotting Kit Product Selection Guide

### PRODUCT SELECTION GUIDE

PRF-TEST BEFORE USE.

#### Apply, let stand, extract! Works great on these soiled areas!

Pre-test all products in an inconspicuous area for colorfastness and fabric stability before use. Apply, let stand 5 -15 minutes, blot – do not rub, extract. Work from the outside of large spots toward the center.

B121	Pro Spotter	Beer, candy, honey, syrup, liquor, water-based spots
E840	Citrus Gel	Asphalt, tar, oil, auto grease, bacon, gravy, fatty oils, gum, liquor, latex paint (fresh), body oils, chewing gum
B144	Protein & Stain Spotter	Beer, eggs, butter, fat, margarine, candy, chocolate, cocoa, cream, milk, ice cream, grass stains, fruit/berries, ketchup, tomato sauce, blood
B182	Coffee & Tannin Spotter	Coffee, tea, cola, wine, some ink stains, berry stains
E837	Zoop!	Beer, soft drinks, cream, milk, ice cream, food fats, blood, eggs, chocolate, fecal stains, butter, vomit, grass, jelly, ketchup, mildew, mustard, body oils
B198	Rust Remover	Rust, iron oxide, blood, metal stains, some furniture stains
E848	Solv Ink	lnks, varnish spots, glues, nail polish
B167	Power Solvent	Gum, grease, oil, tape adhesive, mascara, cosmetic dyes, lipstick, bug stains, asphalt, tar, skin oils
B153	Pet Spotter	Pet urine, feces & animal waste, tannin spots, alkaline residues
B173	Paint, Oil & Grease Remover	Paint, oil, grease, butter & margarine, asphalt & tar, rubber marks

**NOTE:** Read product labels for complete mixing and use instructions before use. The following PROCHEM cleaning products are referenced in this guide but not included in the Professional Spotting Kit: All Fiber Rinse (B109), Olefin Pre Clean (E827), Ultrapac Trafficlean (S712), Oxy Plus (B155).

### **SPOTTING INSTRUCTIONS**

\* Do not apply these products directly to carpeting. Use towel to blot.

ASPHALT / TAR / ROAD OILS: Scrape off excess. Apply Citrus Gel (E840) or Power Solvent\* (B167) or POG\* (B173). Tamp well. Prespray with Ultrapac Trafficlean (S712) and extract with All Fiber Rinse (B109). Repeat if necessary.

**AUTO GREASE / MOTOR OIL / RUBBER MARKS:** Scrape off excess. Apply Citrus Gel (E840) or Power Solvent\* (B167). Tamp well. Allow dwell time. Pre-spray with Ultrapac Trafficlean (S712) and extract with All Fiber Rinse (B109). Repeat if necessary.

BACON / GREASE / GRAVY: Scrape off excess. Apply Citrus Gel (E840) or Power Solvent\* (B167) or POG\* (B173). Tamp well. Allow dwell time. Extract with All Fiber Rinse (B109). Repeat if necessary.

**BEER / SOFT DRINKS:** Apply Pro Spotter (B121) or Protein & Stain Spotter (B144). Tamp well. Allow dwell time. Extract. For difficult stains apply Zoop! (E837). Allow 10-15 min or longer dwell time. Extract with All Fiber Rinse (B109).

**BLOOD / EGGS:** Apply Pro Spotter (B121) or Protein & Stain Spotter (B144) or Zoop! (E837). Tamp well. Allow dwell time. Extract. If still noticeable, apply Rust Remover (B198). Extract with All Fiber Rinse (B109).

**BUTTER / FATS / MARGARINE:** Apply Citrus Gel (E840) or Protein & Stain Spotter (B144) or Power Solvent\* (B167). Tamp well. Allow dwell time. Extract with All Fiber Rinse (B109).

CANDLE WAX / CRAYON: Scrape off excess. Apply Power Solvent\* (B167) or Citrus Gel (E840). Tamp well. Extract with All Fiber Rinse (B109).

**CANDY / HONEY / SYRUP:** Apply Pro Spotter (B121) or Protein & Stain Spotter (B144). Tamp well. Allow dwell time. Extract with All Fiber Rinse (B109).

**CHEWING GUM**: Harden chewing gum with ice. Scrape off excess. Apply Citrus Gel (E840) or Power Solvent\* (B167) sparingly to gum spot. Allow dwell time. Scrape off remaining material with spatula. Extract with All Fiber Rinse (B109).

CHOCOLATE / COCOA: Scrape off excess. Apply Pro Spotter (B121) or Protein & Stain Spotter (B144). Tamp well. Allow dwell time. Extract with All Fiber Rinse (B109).

COFFEE / TEA / WINE: Apply Coffee & Tannin Spotter (B182). Tamp well. Allow dwell time. Extract with All Fiber Rinse (B109).

**CREAM / MILK / ICE CREAM:** Apply Protein & Stain Spotter (B144). Tamp well. Allow dwell time. Extract with All Fiber Rinse (B109). For difficult stains apply Zoop! (E837). Allow 10-15 min. or longer dwell time. Extract. NOTE: Old stains may require longer exposure time.

**FECES:** Scrape off excess. Apply Protein & Stain Spotter (B144) or Pet Spotter (B153). Allow to dwell. Extract. For difficult stains apply Zoop! (E837). Allow 10-15 min or longer dwell time. Extract with All Fiber Rinse (B109).

**INK:** Apply Solv Ink (E848). Blot with white paper towel. Repeat if necessary. Pre-spray with Ultrapac Trafficlean (S712) and extract with All Fiber Rinse (B109).

IODINE / BETADINE: Apply Protein & Stain Spotter (B144). Allow to dwell. Extract with All Fiber Rinse (B109).

KETCHUP / TOMATO SAUCE: Apply Protein & Stain Spotter (B144). Allow to dwell. Extract with All Fiber Rinse (B109).

LIQUOR: Apply Pro Spotter (B121). Allow to dwell. Extract with All Fiber Rinse (B109).

**MILDEW:** Apply Protein & Stain Spotter (B144). Tamp well. Allow dwell time. Extract with All Fiber Rinse (B109). For difficult stains apply Zoop! (E837). Allow 10-15 min. or longer dwell time. Extract with All Fiber Rinse (B109).

**MUSTARD:** Apply Pro Spotter (B121). Allow dwell time. Extract with All Fiber Rinse (B109). For difficult stains apply Zoop! (E837). Allow 10-15 min. or longer dwell time. Extract with All Fiber Rinse (B109).

PAINT (FRESH) / NAIL POLISH: Apply Citrus Gel (E840) or Power Solvent\* (B167) or POG\* (B173). Allow 5-10 min. dwell time. Extract with All Fiber Rinse (B109). Repeat as necessary.

**PAINT (DRIED):** Cross cut paint film to allow product penetration. Apply Citrus Gel (E840) or Power Solvent\* (B167) or POG\* (B173). Allow dwell time. Extract with All Fiber Rinse (B109).

**PERSPIRATION / BODY OILS:** Apply Pro Spotter (B121) or Citrus Gel (E840) or Protein & Stain Spotter (B144). Tamp well. Allow dwell time. Extract with All Fiber Rinse (B109).

**PET URINE:** Apply Pro Spotter (B121) or Pet Spotter (B153). Tamp well. Allow dwell time. Extract with All Fiber Rinse (B109). For difficult stains apply Zoop! (E837). Allow 10-15 min or longer dwell time. Extract with All Fiber Rinse (B109).

**RUST / FURNITURE STAINS:** Apply Rust Remover (B198) or Power Solvent\* (B167). Allow to dwell. Extract with All Fiber Rinse (B109). Repeat as necessary.

**SHOE POLISH / LIPSTICK:** Scrape off excess with spatula. Apply Citrus Gel (E840) or Power Solvent\* (B167). Allow to dwell. Blot with white paper towel. Pre-spray with Ultrapac Trafficlean (S712) and extract with All Fiber Rinse (B109).

YELLOW CIGARETTE SMOKE: Remove initial residue with P.O.G.\*(B173). Apply Oxy Plus solution (B155, 1 oz/gal). Allow it to dwell for 5 to 10 minutes. Extract with Olefin Pre Clean (E827) followed by All Fiber Rinse solution (B109).

**VOMIT / PET FOOD:** Scrape off excess. Apply Protein & Stain Spotter (B144), Zoop! (E837) or Pet Spotter (B153). Tamp well. Allow dwell time. Extract with All Fiber Rinse (B109).

<sup>\*</sup> Do not apply these products directly to carpeting. Use towel to blot.

# ENSEMBLE DE DÉTACHAGE PROFESSIONNEL

Guide de sélection de produit

#### Application, temps de rétention, extraction. Trois étapes faciles pour attaquer les taches!

Avant d'utiliser un produit, effectuez un test à un endroit caché pour vérifier la solidité de la couleur et la stabilité du tissu. Appliquez, laissez reposer de 5 à 15 minutes, épongez – ne frottez pas, extrayez. Pour les grandes taches, travaillez de l'extérieur vers l'intérieur.

B121	Pro Spotter	Bière, bonbon, miel, sirop, spiritueux, taches à base d'eau
E840	Citrus Gel	Bitume, goudron, huile, cambouis, bacon, sauce, huiles fixes, gomme, encre, spiritueux, peinture au latex (fraîche), huiles corporelles, gomme à mâcher
B144	Protein & Stain Spotter	Bière, œufs, beurre, gras, margarine, bonbon, chocolat, cacao, crème, lait, crème glacée, taches de pelouse, petits fruits, ketchup, sauce tomate, sang
B182	Coffee & Tannin Spotter	Café, thé, cola, certaines taches d'encre, taches de petits fruits
E837	Zoop!	Bière, boissons gazeuses, crème, lait, crème glacée, gras d'aliments, sang, œufs, chocolat, taches fécales, beurre, vomissure, pelouse, gelée, ketchup, moisissure, moutarde, huiles corporelles
B198	Rust Remover	Rouille, oxyde de fer, sang, taches de métal
E848	Solv Ink	Encres, taches de vernis, colles, vernis à ongles
B167	Power Solvent	Gomme, graisse, huile, ruban adhésif, rimmel, teintures de produits de beauté, rouge à lèvres, taches d'insectes, bitume, goudron, huiles corporelles
B153	Pet Spotter	Urine d'animal domestique, excréments et déchets d'animaux, taches de tannin, résidus alcalins
B173	Paint, Oil & Grease Remover	Peinture, huile, graisse, beurre et margarine, bitume et goudron, traces de caoutchouc

**NOTA:** Avant d'utiliser, bien lire l'étiquette de produit pour connaître les instructions de mélange ainsi que le mode d'emploi. Dans ce guide, nous faisons référence aux produits PROCHEM suivants, mais ils ne sont pas compris dans l'ensemble de détachage professionnel: All Fiber Rinse (B109), Olefin Pre Clean (E827), Ultrapac Trafficlean (S712).

### INSTRUCTIONS DE DÉTACHAGE

\* N'appliquez pas ces produits directement sur le tapis. Utilisez une serviette pour éponger.

BACON / GRAISSE / SAUCE: Enlever l'excédent en raclant. Appliquer Citrus Gel (E840) ou Power Solvent\* (B167) ou POG\* (B173). Bien damer. Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109). Répéter si nécessaire.

**BEURRE / GRAS / MARGARINE:** Appliquer Citrus Gel (E840) ou Protein & Stain Spotter (B144) ou Power Solvent\* (B167). Bien damer. Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109).

**BIÈRE / BOISSONS GAZEUSES:** Appliquer Pro Spotter (B121) ou Protein & Stain Spotter (B144). Bien damer. Allouer un temps de rétention. Extraire. Pour les taches tenaces, appliquer Zoop! (E837). Allouer un temps de rétention de 10 à 15 minutes ou davantage. Extraire en utilisant All Fiber Rinse (B109).

**BITUME / GOUDRON / HUILES BITUMINEUSES POUR ROUTES:** Enlever l'excédent en raclant. Appliquer Citrus Gel (E840) ou Power Solvent\* (B167) ou POG\* (B173). Bien damer. Vaporiser Ultrapac Trafficlean (S712) et extraire en utilisant All Fiber Rinse (B109). Répéter si nécessaire.

**BONBON / MIEL / SIROP:** Appliquer Pro Spotter (B121) ou Protein & Stain Spotter (B144). Bien damer. Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109).

CAFÉ / THÉ / VIN: Appliquer Coffee & Tannin Spotter (B182). Bien damer. Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109).

CAMBOUIS / HUILE MOTEUR /TRACES DE CAOUTCHOUC: Enlever l'excédent en raclant. Appliquer Citrus Gel (E840) ou Power Solvent\* (B167). Bien damer. Allouer un temps de rétention. Vaporiser Ultrapac Trafficlean (S712) et extraire en utilisant All Fiber Rinse (B109). Répéter si nécessaire.

CHOCOLAT / CACAO: Enlever l'excédent en raclant. Appliquer Pro Spotter (B121) ou Protein & Stain Spotter (B144). Bien damer. Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109).

CIRAGE / ROUGE À LÈVRES: Enlever l'excédent en utilisant une spatule. Appliquer Citrus Gel (E840) ou Power Solvent\* (B167). Allouer un temps de rétention. Eponger à l'aide d'une serviette en papier blanc. Vaporiser Ultrapac Trafficlean (S712) et extraire en utilisant All Fiber Rinse (B109).

CIRE DE CHANDELLE / CRAIE DE CIRE: Enlever l'excédent en raclant. Appliquer Power Solvent\* (B167) ou Citrus Gel (E840). Bien damer. Extraire en utilisant All Fiber Rinse (B109).

CRÈME / LAIT / CRÈME GLACÉE: Appliquer Protein & Stain Spotter (B144). Bien damer. Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109). Pour les taches tenaces, appliquer Zoop! (E837). Allouer un temps de rétention de 10 à 15 minutes ou davantage. Extraire.

Note: Les vieilles taches peuvent exiger un temps de contact plus long.

**ENCRE:** Appliquer Solv Ink (E848). Eponger à l'aide d'une serviette en papier blanc. Répéter si nécessaire. Vaporiser Ultrapac Trafficlean (S712) et extraire en utilisant All Fiber Rinse (B109).

**EXCRÉMENTS:** Enlever l'excédent en raclant. Appliquer Protein & Stain Spotter (B144) ou Pet Spotter (B153). Allouer un temps de rétention. Extraire. Pour les taches tenaces, appliquer Zoop! (E837). Allouer un temps de rétention de 10 à 15 minutes ou davantage. Extraire en utilisant All Fiber Rinse (B109).

**GOMME À MÂCHER:** Durcir la gomme à mâcher avec de la glace. Enlever l'excédent en raclant. Appliquer Citrus Gel (E840) ou Power Solvent\* (B167) avec modération sur la tache de gomme à mâcher. Allouer un temps de rétention. Enlever les résidus restant à l'aide d'une spatule. Extraire en utilisant All Fiber Rinse (B109).

IODE / BETADINE: Appliquer Protein & Stain Spotter (B144). Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109).

KETCHUP / SAUCE TOMATE: Appliquer Protein & Stain Spotter (B144). Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109).

**MOISISSURE:** Appliquer Protein & Stain Spotter (B144). Bien damer. Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109). Pour les taches tenaces, appliquer Zoop! (E837). Allouer un temps de rétention de 10 à 15 minutes ou davantage. Extraire en utilisant All Fiber Rinse (B109).

**MOUTARDE:** Appliquer Pro Spotter (B121). Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109). Pour les taches tenaces, appliquer Zoop! (E837). Allouer un temps de rétention de 10 à 15 minutes ou davantage. Extraire en utilisant All Fiber Rinse (B109).

PEINTURE (FRAÎCHE) / VERNIS À ONGLES: Appliquer Citrus Gel (E840) ou Power Solvent\* (B167) ou POG\* (B173). Allouer un temps de rétention de 5 à 10 minutes. Extraire en utilisant All Fiber Rinse (B109). Répéter si nécessaire.

**PEINTURE (SÈCHE):** Effectuer une coupe en travers sur le film de peinture afin de permettre au produit de pénétrer. Appliquer Citrus Gel (E840) ou Power Solvent\* (B167) ou POG\* (B173). Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109).

**ROUILLE / TACHES DE MEUBLE:** Appliquer Rust Remover (B198) ou Power Solvent\* (B167). Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109). Répéter si nécessaire.

**SANG / ŒUFS:** Appliquer Pro Spotter (B121) ou Protein & Stain Spotter (B144) ou Zoop! (E837). Bien damer. Allouer un temps de rétention. Extraire. Si la tache est toujours visible, appliquer Rust Remover (B198). Extraire en utilisant All Fiber Rinse (B109).

SPIRITUEUX: Appliquer Pro Spotter (B121). Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109).

**SUDATION / HUILES CORPORELLES:** Appliquer Pro Spotter (B121) ou Citrus Gel (E840) ou Protein & Stain Spotter (B144). Bien damer. Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109).

**URINE D'ANIMAL DOMESTIQUE:** Appliquer Pro Spotter (B121) ou Pet Spotter (B153). Bien damer. Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109). Pour les taches tenaces, appliquer Zoop! (E837). Allouer un temps de rétention de 10 à 15 minutes ou davantage. Extraire en utilisant All Fiber Rinse (B109).

**VOMISSURE / NOURRITURE D'ANIMAL DOMESTIQUE:** Enlever l'excédent en raclant. Appliquer Protein & Stain Spotter (B144), Zoop! (E837) ou Pet Spotter (B153). Bien damer. Allouer un temps de rétention. Extraire en utilisant All Fiber Rinse (B109).

### KIT PROFESIONAL DE DESMANCHADO

Guía para el uso de los productos

Aplicar el producto, dejarlo reposar y realizar Inyección - Succión ¡Funciona muy bien en áreas sucias!

Realizar una prueba en un área poco visible de la superficie antes de utilizar cualquier producto, con el fin de detectar posibles decoloramientos y conocer la estabilidad de la fibra. Aplicar el producto y dejar reposar de 5 a 15 minutos, presionar un poco el área de la mancha pero sin tallar la superficie. Desmanchar desde las orillas de la mancha hacia el centro de la misma.

B121	Pro Spotter	Cerveza, dulces o caramelos, miel, almíbar, licor, manchas base agua
E840	Citrus Gel	Asfalto, alquitrán, aceite, aceite de coche, tocino, salsa para carne, grasas, goma de mascar, goma, tinta, pintura de látex (fresca), grasa corporal
B144	Protein & Stain Spotter	Cerveza, huevos, mantequilla, grasa, margarina, dulce, chocolate, cocoa, crema, leche, helado, manchas de grasa, fruta/bayas o moras, catsup, salsa de tomate, sangre
B182	Coffee & Tannin Spotter	Café, té, refrescos de cola, algunas manchas de tinta, manchas de bayas o moras
E837	Zoop!	Cerveza, refrescos, crema, leche, helado, grasa de comida, sangre, huevos, chocolate, manchas de materia fecal, mantequilla, vómito, grasa, gelatina, salsa catsup, moho, mostaza, grasa corporal
B198	Rust Remover	Óxido, óxido de hierro, sangre, manchas de metales
E848	Solv Ink	Tinta, manchas de barniz, pegamentos, pintura de uñas
B167	Power Solvent	Goma, grasa, aceite, cinta adhesiva, rimel, tintes de cosméticos, pintalabios, manchas de insectos, asfalto, alquitrán o chapopote, grasa de la piel
B153	Pet Spotter	Orina de mascota, heces y deshecho animal, manchas de tanino, residuos alcalinos
B173	Paint, Oil & Grease Remover	Pintura, aceite, grasa, mantequilla y margarina, asfalto y alquitrán (chapopote), marcas de goma

**NOTA:** Antes de utilizar cualquier producto ser recomienda leer la etiqueta del envase para el correcto uso del mismo. Los productos de limpieza de PROCHEM que no están incluidos en el Kit Profesional de Desmanchado son: All Fiber Rinse (B109), Olefin Pre Clean (E827), Ultrapac Trafficlean (S712).

### INSTRUCCIONES DE DESMANCHADO

\* No aplicar estos productos directamente sobre la alfombra, sino sobre una toalla blanca y a continuación presionar sobre la mancha.

ASFALTO / ALQUITRÁN (CHAPOPOTE) / ACEITE DE LAS CALLES: Eliminar el exceso de suciedad. Aplicar el Citrus Gel E840 o el Power Solvent\* B167 o POG\* B173. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha. Pre-rociar con Ultrapac Trafficlean S712 y realizar Inyección – Succión con el All Fiber Rinse B109. Repetir la operación en caso de ser necesario.

CAFÉ / TÉ / VINO DE MESA: Aplicar Coffee & Tannin Spotter B182. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha y dejarlo reposar un poco. Realizar Inyección – Succión con el All Fiber Rinse B109.

**CERA DE VELAS / CRAYONES:** Eliminar el exceso de suciedad. Aplicar el Power Solvent\* B167 o Citrus Gel E840. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha. Realizar Inyección – Succión con el All Fiber Rinse B109.

**CERVEZA / REFRESCO:** Aplicar el Pro Spotter B121 o Protein & Stain Spotter B144. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha y dejarlo reposar un poco. Realizar Inyección – Succión. Para manchas difíciles, aplicar el Zoop! E837. Dejar reposar de 10 a 15 minutos o por más tiempo si es necesario. Posteriormente realizar Inyección – Succión con el All Fiber Rinse B109.

CHOCOLATE / COCOA: Eliminar el exceso de suciedad. Aplicar Pro Spotter B121 o Protein & Stain Spotter B144. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha y dejarlo reposar un poco. Realizar Inyección – Succión con el All Fiber Rinse B109.

CREMA / LECHE / HELADO: Aplicar Protein & Stain Spotter B144. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha y dejarlo reposar un poco. Realizar Inyección – Succión con el All Fiber Rinse B109. Para manchas difíciles, aplicar Zoop! E837. Dejar reposar de 10 a 15 minutos o por más tiempo si es necesario. Realizar Inyección – Succión.

Nota: las manchas viejas pueden requerir más tiempo de reposo.

**DULCES O CARAMELOS / MIEL / ALMÍBAR:** Aplicar el Pro Spotter B121 o Protein & Stain Spotter B144. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha y dejarlo reposar un poco. Realizar Inyección — Succión con el All Fiber Rinse B109.

**GOMA DE MASCAR:** Endurecer la goma de mascar con hielo. Eliminar el exceso. Aplicar una pequeña cantidad de Citrus Gel E840 o Power Solvent\* B167 directamente sobre la mancha de chicle. Dejar reposar. Con una espátula, eliminar el material restante. Realizar Inyección – Succión con el All Fiber Rinse B109.

GRASA DE AUTOS / ACEITE DE MOTOR / MARCAS DE GOMA O CAUCHO: Eliminar el exceso de suciedad. Aplicar el Citrus Gel E840 o el Power Solvent\* B167 o POG\* B173. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha y dejarlo reposar un poco. Pre-rociar con Ultrapac Trafficlean S712 y realizar Inyección – Succión con el All Fiber Rinse B109. Repetir la operación en caso de ser es necesario.

**GRASA PARA ZAPATOS / PINTALABIOS:** Con una espátula eliminar el exceso de suciedad. Aplicar Citrus Gel E840 o Power Solvent\* B167. Dejar reposar. Con una toalla de papel presionar sobre la mancha. Pre-rociar con Ultrapac Trafficlean S712. Posteriormente realizar Inyección – Succión con el All Fiber Rinse B109.

**HECES:** Eliminar el exceso de suciedad. Aplicar Protein & Stain Spotter B144 o Pet Spotter B153. Dejar reposar. Realizar Inyección – Succión. Para manchas difíciles, aplicar Zoop! E837. Dejar reposar de 10 a 15 minutos o por más tiempo si es necesario. Posteriormente realizar Inyección – Succión con el All Fiber Rinse B109.

LICOR: Aplicar Pro Spotter B121, dejarlo reposar. Realizar Inyección – Succión con el All Fiber Rinse B109.

MANTEQUILLA / GRASA / MARGARINA: Aplicar el Citrus Gel E840, Protein & Stain Spotter B144 o Power Solvent\* B167. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha y dejarlo reposar un poco. Realizar Inyección – Succión con el All Fiber Rinse B109.

**MOHO:** Aplicar Protein & Stain Spotter B144. Dejar reposar. Realizar Inyección – Succión con el All Fiber Rinse B109. Para manchas difíciles, aplicar el Zoop! E837. Dejar reposar de 10 a 15 minutos o por más tiempo si es necesario. Posteriormente realizar Inyección – Succión con el All Fiber Rinse B109.

**MOSTAZA:** Aplicar Pro Spotter B121. Dejar reposar. Realizar Inyección – Succión con el All Fiber Rinse B109. Para manchas difíciles, aplicar el Zoop! E837. Dejar reposar de 10 a 15 minutos o por más tiempo si es necesario. Posteriormente realizar Inyección – Succión con el All Fiber Rinse B109.

**ORINA DE MASCOTAS:** Aplicar Pro Spotter B121 o Pet Spotter B153. Agitar ligeramente con un cepillo o espátula bien el producto sobre la mancha y dejarlo reposar un poco. Realizar Inyección – Succión con el All Fiber Rinse B109. Para manchas difíciles, aplicar el Zoop! E837. Dejar reposar de 10 a 15 minutos o por más tiempo si es necesario. Posteriormente realizar Inyección – Succión con el All Fiber Rinse B109.

ÓXIDO / MANCHAS CAUSADAS POR LOS MUEBLES: Aplicar Rust Remover B198 o Power Solvent\* B167. Dejar reposar. Realizar Inyección – Succión con el All Fiber Rinse B109. Repetir la operación en caso de ser es necesario.

PINTURA FRESCA / PINTURA DE UÑAS: Aplicar Citrus Gel E840 o Power Solvent\* B167 o POG\* B173. Dejar reposar de 5 a 10 minutos. Realizar Inyección – Succión con el All Fiber Rinse B109. Repetir la operación en caso de ser es necesario.

**PINTURA SECA**: On una navaja o algo similar, hacer un corte en forma de cruza en la capa de pintura para permitir que el producto penetre. Aplicar Citrus Gel E840, Power Solvent\* B167 o POG\* B173. Dejar reposar. Realizar Inyección – Succión con el All Fiber Rinse B109.

SALSA CATUSP / SALSA DE TOMATE: Aplicar Protein & Stain Spotter B144. Dejar reposar. Realizar Inyección – Succión con el All Fiber Rinse B109.

**SANGRE / HUEVOS:** Aplicar el Pro Spotter B121, Protein & Stain Spotter B144 or Zoop! E837. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha y dejarlo reposar un poco. Realizar Inyección – Succión. Si el cambio no es evidente, aplicar Rust Remover B198. Posteriormente, realizar Inyección – Succión con el All Fiber Rinse B109

SUDOR / ACEITES CORPORALES: Aplicar Pro Spotter B121, Citrus Gel E840 o Protein & Stain Spotter B144. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha y dejarlo reposar un poco. Realizar Inyección – Succión con el All Fiber Rinse B109.

**TINTA:** Aplicar Solv Ink E848. Presionar un poco con una toalla de papel. Repetir la operación en caso de ser necesario. Pre-Rociar con Ultrapac Trafficlean S712 y posteriormente realizar la Inyección – Succión con All Fiber Rinse B109.

**TOCINO / GRASA / SALSA PARA LA CARNE:** Eliminar el exceso de suciedad. Aplicar el Citrus Gel E840 o el Power Solvent\* B167 o POG\* B173. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha y dejarlo reposar un poco. Realizar Inyección – Succión con el All Fiber Rinse B109. Repetir la operación en caso de ser es necesario.

VÓMITO / ALIMENTO PARA MASCOTAS: Eliminar el exceso de suciedad. Aplicar Protein & Stain Spotter B144, Zoop! E837 o Pet Spotter B153. Agitar ligeramente con un cepillo o espátula el producto sobre la mancha y dejarlo reposar un poco. Realizar Inyección – Succión con el All Fiber Rinse B109.

YODO / BETADINE: Aplicar Protein & Stain Spotter B144. Dejar reposar. Realizar Inyección - Succión con el All Fiber Rinse B109.

# K250 Professional Spotting Kit Material Safety Data Sheet (MSDS)

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Product Selection Guide Booklet

