



Stain Rescue Kit
B101

Material Safety Data Sheet (MSDS)
Booklet

MSDS Material Safety Data Sheet

Prochem

PROCHEM
#1 FOR A REASON!

Stain Rescue Part A

MSDS Number: B101A

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: Stain Rescue Part A
Revision Date: February 18, 2009
Version: 0.2
MSDS Number: B101A

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

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation; Ingestion;
Target Organs: Eyes; Skin;
Inhalation: Nose and throat irritation; cough.
Skin Contact: Irritation and temporary whitening at contact area; risk of burns.
Eye Contact: Severe eye irritation, watering, redness and swelling of the eyelids; risk of serious or permanent eye lesions.
Ingestion: Paleness and cyanosis of the face; severe irritation, risk of burns and perforation of the gastrointestinal tract accompanied by shock. Excessive fluid in the mouth and nose, with risk of suffocation; risk of throat edema and suffocation; bloating of stomach, belching; nausea and vomiting (bloody); cough; risk of chemical pneumonitis from product inhalation.

HMIS III-ratings (scale 0-4): Health = 3, Fire = 0, Physical Hazard = 3

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name
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7722841	Hydrogen peroxide, aqueous solutions with not less than 20% but not more than 40% hydrogen peroxide (stabilized as necessary)
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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.

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4 FIRST AID MEASURES

- Inhalation:** Remove the subject from the contaminated area; move to fresh air. Consult with a physician in case of respiratory symptoms.
- Skin Contact:** Remove contaminated shoes, socks and clothing; wash the affected skin with running water. If irritation persists consult physician.
- Eye Contact:** Flush eyes immediately with running water for 15 minutes, while keeping the eyelids open. Consult with a physician in all cases.
- Ingestion:** Consult with a physician immediately in all cases. Take to hospital.

General recommendations: In case of product splashing into the eyes and face, treat eyes first. Do not dry soiled clothing near an open flame or incandescent heat source. Submerge soiled clothing in water prior to drying.

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

Precautions: Observe the protection measures given in sections 5 and 8. Isolate the area. Avoid materials and products which are incompatible with the product (see section 10). If safe to do so, without exposing personnel, try to stop the spillage. In case of contact with combustible materials, avoid product drying out by dilution with water.

Cleanup methods: Keep all unnecessary personnel away. Eliminate sources of ignition. Prevent additional discharge of material. Prevent material from entering sewers, watercourses, or low areas. Contain and absorb spilled material with sand or earth. Do not use combustible materials such as sawdust. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

The National Transportation Safety Board (NTSB) and Federal Aviation Administration (FAA) have requested the following information be provided:

Combustible materials exposed to hydrogen peroxide should be immediately submerged in or rinsed with large amounts of water to ensure that all hydrogen peroxide is removed. Residual hydrogen peroxide that is allowed to dry (upon evaporation hydrogen peroxide can concentrate) on organic materials such as paper, fabrics, cotton, leather, wood or other combustibles can cause the material to ignite and result in a fire

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7 HANDLING AND STORAGE

Handling Precautions:

Operate in a well-ventilated area. Keep away from heat sources. Keep away from incompatible products. Prevent all contact with organics. Use equipment and containers which are compatible with the substance. Never return unused product to storage container. Ensure an adequate supply of water is available in the event of an accident. Containers and equipment used to handle hydrogen peroxide should be used exclusively for hydrogen peroxide.

Storage Requirements:

Store out of the reach of children. Store in a ventilated, cool area; store away from heat sources; keep away from incompatible products (see section 10). Keep away from combustible substances. Keep in container fitted with safety valve or vent. Keep in original packaging, closed. Regularly check the condition and temperature of the containers.

Other precautions: Warn personnel of the dangers of the product. Follow the protective measures given in section 8. Do not confine the product in the circuit, between closed valves, or in a container without a vent. Cloths used to apply or absorb product should be rinsed with water and stored in a fire-resistant container. Avoid contact with skin and eyes; do not breathe vapors. Wash hands thoroughly after handling.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Normal room ventilation is satisfactory for limited use; keep away from heat and flame.

Protective Equipment:

HMIS PP, C | Goggles, Gloves, Apron

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Clear

Physical State:

Liquid

Odor:

None

pH:

2.5 - 6.5

Vapor Pressure:

N/D

Vapor Density:

N/D

Boiling Point:

N/D

Freezing/Melting Pt.:

N/D

Solubility:

Soluble

Spec Grav./Density:

8.69

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10 STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to avoid:	Heat/Sources of heat; Contamination.
Materials to avoid (incompatibility):	Acids; Bases; Metals; Salts of metals; Reducing agents; Organic materials; Flammable substances.
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

Effects of Acute Overexposure to Product:

General: Corrosive to mucous membranes, eyes and skin. The seriousness of the lesions and the prognosis of intoxication depend directly on the concentration and duration of exposure.

Eye Contact: Severe eye irritation, watering, redness and swelling of the eyelids; risk of serious or permanent eye lesions.

Skin Contact: Irritation and temporary whitening at contact area; risk of burns.

Inhalation: Nose and throat irritation; cough.

Ingestion: Paleness and cyanosis of the face; severe irritation, risk of burns and perforation of the gastrointestinal tract accompanied by shock. Excessive fluid in the mouth and nose, with risk of suffocation; risk of throat edema and suffocation; bloating of stomach, belching; nausea and vomiting (bloody); cough; risk of chemical pneumonitis from product inhalation.

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.

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15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Hydrogen peroxide, aqueous solutions with not less than 20% but not more than 40% hydrogen peroxide (stabilized as necessary) (7722841 n/a%) EHS302, MASS, NJHS, OSHAPSM, OSHAWAC, PA, TXAIR

REGULATORY KEY DESCRIPTIONS

EHS302 = Extremely Hazardous Substance
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHAPSM = OSHA Chemicals Requiring process safety management
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

MSDS Material Safety Data Sheet

Prochem



Stain Rescue Part B

MSDS Number: B101B

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: Stain Rescue Part B
Revision Date: February 18, 2009
Version: 0.2
MSDS Number: B101B

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 = 2

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
1336216	4-6%	Ammonium hydroxide
1310583	1-2%	Potassium hydroxide, solution

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.

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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, C | Goggles, Gloves, Apron

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Pale Blue		
Physical State:	Liquid	Boiling Point:	N/D
Odor:	None	Freezing/Melting Pt.:	N/D
pH:	13.0	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:	None Known
Materials to avoid (incompatibility):	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.

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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

*Ammonium hydroxide (1336216 4-6%) CERCLA, CSWHS, MASS, NJEHS, PA, WHMIS 1%

*Potassium hydroxide, solution (1310583 1-2%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TXAIR

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance

CSWHS = Clean water Act Hazardous substances

MASS = MA Massachusetts Hazardous Substances List

NJEHS = NJ Extraordinarily Hazardous Substances

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

WHMIS= workforce Hazardous Material Information System
OSHA = OSHA Workplace Air Contaminants

TXAIR = TX Air Contaminants with Health Effects Screening Level

16 OTHER INFORMATION

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Prepared by: EHS Manager

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