

Date: November 21, 2008
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Former date: July 7, 2008
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1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER

Trade name: SOIL RETARDANT SHAMPOO Product Code: 7-060125
The intended use of the product is a shampoo to emulsify dirt and grime and protect against resoiling.

Standard industrial classification: 2842

Manufacturer: Master Blend, Inc
5285 Fox Street Unit A
Denver, CO USA 80216
303-373-0702 Telephone

1.4.1 FOR CHEMICAL EMERGENCY OR INGESTION, CALL CHEM-TEL, INC.
(USA, Canada & U.S. Virgin Islands) 1-800-255-3924 OR INTERNATIONAL CALL COLLECT 1-813-248-0585

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Hazardous Ingredients

2.1.1 CAS #	EINECS No	2.1.2 Name	2.1.3 Concentration	2.1.4 Warning, Risk phrases
7732-18-5	231-791-2	Water	40-75%	None
2235-54-3	218-793-9	Ammonium lauryl sulfate	5-15%	R36/38
137-16-6	205-281-5	Sodium lauroyl sarcosinate	5-15%	R41
34590-94-8	252-104-2	Dipropylene glycol Monomethyl ether	1- 5%	R20/21/22
26447-10-9	247-710-9	Ammonium xylenesulfonate	<1%	R37/38
112-53-8	203-982-0	Lauryl alcohol	<1%	R36/38
2.1.5	Three confidential ingredients: anionic polymer, 1-5% (R20/21/22); fragrance, <1%; preservative, <1%			
2.1.6	Confidential substances are not listed dangerous less than 1 percent each.			
2.1.7	Other information: None			

3. HAZARDS IDENTIFICATION

Human: This product may cause severe irritation and damage to eyes as well as mild to moderate irritation to skin, respiratory system and gastrointestinal tract.

Environment: This product is unlikely to accumulate in aquatic environment.

4. FIRST AID MEASURES

Eye Contact: Flush with water for at least 15 minutes. Seek medical attention.

Skin Contact: Wash with soap and water. If irritation persists, seek medical attention.

Inhalation: Remove to fresh air. If trouble with breathing persists, seek medical attention.

Ingestion: Wash out mouth with water. Do not induce vomiting. Dilute with one to two glasses of water. Seek medical attention if irritation persists.

5. FIRE-FIGHTING MEASURES

The product is non-combustible; use suitable extinguishing media for the surrounding fire.

This product is unlikely to support combustion as it is not combustible and not an oxidizer.

Exposure hazard: decomposition of product may be ammonia and/or oxides of carbon, sulphur and nitrogen.

6. ACCIDENTAL RELEASE MEASURES

Large spills should be treated with dry absorbent and disposed at legal waste disposal site. Check local authority for proper disposal methods. Do not mix this product with other waste materials.

7. HANDLING AND STORAGE

Handle product with best business practices. Keep out of the reach of children. Keep this product stored away from food, drink and animal feeding stuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values:

HTP values: None found
Other limit values: (USA) OSHA PEL: Dipropylene glycol monomethyl ether (100 ppm)
Limit values in other countries: (AICS), (DSL), (ECL), (EEC), (ENCS), (KECL) (MAC), (MAK), (PICC), (Swiss), (UK): Dipropylene glycol monomethyl ether (300 ppm)

Exposure controls: Avoid contact with eyes or skin. Avoid ingesting the product. Wear chemical impervious gloves to protect exposure to your hands. Wear chemical safety goggles or glasses to protect your eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

The product is a clear amber liquid with a citrus odour.

pH	8.0
Boiling point/boiling range	>100°C (212°F)
Freezing point	<0 °C (32°F)
Flash point(TCC)	NA
Flammability (solid, gas)	NA
Explosive properties	Not explosive
Oxidising properties	Not an oxidiser
Vapour pressure	Very low
Relative density	Similar to water
Solubility	100% in water
Specific gravity	1.01
RVOC%	2.15

10. STABILITY AND REACTIVITY

The product is stable and will not polymerise.
Hazardous decomposition of product may be ammonia and/or oxides of carbon, sulphur and nitrogen.

11. TOXICOLOGICAL INFORMATION

Lauryl alcohol Oral LD50 (rat) = >500 – 5000 mg/kg
Sodium lauroyl sarcosinate Oral LD50 (rat) = >2000 mg/kg
Dipropylene Glycol Monomethyl Ether
Oral LD50 (rat) = 5220 mg/kg
Skin LD50 (rabbit) = 13000 – 14000 mg/kg
Sub-acute, sub-chronic and prolonged toxicity for the final product have not been determined.

12. ECOLOGICAL INFORMATION

Biodegradability: NA
Mobility: Soluble in water.
Bio-accumulation: This product is unlikely to accumulate in waterways and will not accumulate in the environment. The impact on other organisms has not been determined.

13. DISPOSAL CONSIDERATIONS

Dispose in accord with National regulations. Do not mix waste material with other waste materials.

14. TRANSPORTATION INFORMATION

Not Regulated.

15. REGULATORY INFORMATION

ILO:	None
WHMIS:	Irritant
Risk phrases:	R37/38 – Irritating to respiratory system and skin
Safety phrases:	R41 - Risk of serious damage to eyes S2 – Keep out of the reach of children S13 – Keep away from food, drink and animal feeding stuffs S24/25 - Avoid contact with skin and eyes S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S37/39 - Wear suitable gloves and eye/face protection S62 - If swallowed do not induce vomiting: seek medical advice immediately and show this container or label

Special regulations on certain preparations:

HMIS		NFPA
2	Health	2
0	Fire	0
0	Reactivity/Instability	0
B	PPE	

16. OTHER INFORMATION

Restrictions on use: Ready to use after label dilution. This product is intended for professional use only.
Further information:
Call CHEM-TEL, INC. collect 1- 813-248-0582
Sources of key data used: EU, EEC Directives on the Control of Dangerous Substances and Preparations (67/548/EEC), Council Directive 88/379/EEC, WHMIS, NIOSH and OSHA 29 CFR Part 1910.1200.
This product contains no Prop 65 materials at levels subject to the proposition.
Products listed as harmful by USA, DSL, EINECS, AICS, ECL, EICS, ENCS, PICCS: Dipropylene glycol monomethyl ether.
This is a new Safety Data Sheet.

This information is furnished without warranty expressed or implied except that it is accurate to the best knowledge of Master Blend, Inc. The data and information on the Safety Data Sheet relates only to the specific material designated herein. Master Blend, Inc. assumes no legal responsibility for use or reliance upon the data.