SAFETY DATA SHEET SOIL RELEASER I

Date: September 24, 2009 Former date: New
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1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER

Trade name: SOIL RELEASER I MSDS 019-M
The intended use of the product is an ultra concentrated carpet cleaning pre-spray.

Standard industrial classification: 2842

Distributor: Duraclean International, Inc.
220 W. Campus Drive, Suite A
Arlington Heights, IL 60004 U.S.A.

1.4.1 FOR CHEMICAL EMERGENCY OR INGESTION, CALL INFOTRAC AT 1-800-535-5053 (U.S.) AND 1-353-323-3500 (INTERNATIONAL)

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	40-60%	None
68603-42-9	271-657-0	Cocoamide DEA	15-30%	R20/21/22
68439-57-6	270-407-8	Sodium olefin sulfonate	5-15%	R20/21/22
68439-46-3	NA	Ethoxylated alcohol	1-5%	R20/21/22
56-81-5	200-289-5	Glycerin	1-5%	R20/21/22
111-42-2	203-868-0	Diethanolamine	1-5%	R20/21/22
7320-34-5	230-785-7	Tetrapotassium Pyrophosphate	1-5%	R36/37/38
7601-54-9	231-509-8	Trisodium phosphate	1-5%	R34
64-02-8	200-02-9	EDTA, tetra sodium salt	<1%	R20/21/22

2.1.5 One Confidential Ingredient: Fragrance <2% (R20/21/22)
2.1.6 No confidential components listed dangerous less than 1 percent each.
2.1.7 Other information: Basic

3. HAZARDS IDENTIFICATION

Human: This product may cause irritation to eyes, skin and respiratory system. If swallowed the product may be harmful and cause irritation to mucous membranes. It may be an irritant to persons with pre-existing skin conditions and cause aggravation with prolonged exposure. Avoid contact with strong acids & oxidising agents.
Environment: This product may cause temporary algal bloom in aquatic environment.

4. FIRST AID MEASURES

Eye Contact: Wash with water for at least 15 minutes. If irritation persists, 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.

5. FIRE-FIGHTING MEASURES

The product is non-combustible; use suitable extinguishing media for the surrounding fire.
Self-contained breathing apparatus (SCBA) with full protective bunker gear for fire fighters.
This product is not likely to support combustion as it is non-combustible and not an oxidiser.
Exposure hazard: decomposition of product may be oxides of carbon, nitrogen and sulphur.

6. ACCIDENTAL RELEASE MEASURES

Sweep up spills for re-use or disposal. 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 this product stored away from food, drink and animal feeding stuffs. Keep out of the reach of children. Store in a cool and dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values:
HTP values: None
Other limit values: (USA) TWA: Glycerin (2 ppm); Alkyl alcohol (400 ppm)
NIOSH REL: Diethanolamine (3 ppm)
Limit values in other countries: (AICS), (DSL), (ECL), (EEC), (ENCS), (KECL) (MAC), (MAK), (PICC), (Swiss), (UK)
Glycerin (2 ppm); Diethanolamine (3 ppm); Alkyl alcohol (400 ppm)

Exposure controls: Avoid contact with eyes, skin or clothing. Avoid ingesting the product as it may be harmful.
Wear chemical imperious 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 thick opaque liquid with a citrus odour.
Important health, safety and environmental information

pH	11.0
Boiling point/boiling range	ND
Freezing point	<0 ºC (32ºF)
Flash point (TCC)	> 96.1ºC (>205ºF)
Flammability (solid, gas)	NA
Explosive properties	Not explosive
Oxidising properties	Not an oxidiser
Vapour pressure	Very low
Relative density	1.03
Solubility	100% soluble in water
RVOC%	1.80%

10. STABILITY AND REACTIVITY

The product is stable and will not polymerise. Avoid contact with strong acids and oxidising agents.
Hazardous decomposition of product may be oxides of carbon, nitrogen and sulphur.

11. TOXICOLOGICAL INFORMATION

Sub-acute, sub-chronic and prolonged toxicity have not been determined.

12. ECOLOGICAL INFORMATION

Biodegradability:	Biodegradable
Mobility:	Soluble in water
Bioaccumulation:	This product may cause temporary algal bloom in aquatic environment.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

Not Regulated.

15. REGULATORY INFORMATION

ILO:	Xi (Irritant)
WHMIS:	Irritant
Risk phrases:	R22 – Harmful if swallowed R36/37/38 – Irritating to eyes, respiratory system and skin
Safety phrases:	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 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
1	Health	1
1	Fire	1
0	Reactivity/Instability	0
B	PPE	

16. OTHER INFORMATION

Restrictions on use: Ready to use upon label dilution. This product is intended for professional use only.

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.
Products listed as harmful by USA, DSL, EINECS, AICS, ECL, EICS, ENCS, PICCS: Diethanolamine, Glycerin.
This is a new Safety Data Sheet.

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