

MATERIAL SAFETY DATA SHEET

HMIS:

Health- 1 Flammability- 1 Reactivity- 0 Pers.
Protection- B

NFPA:

Health- 1 Flammability- 1 Reactivity- 0 Special Hazard-
N

WHMIS: D 2 B

Section 1: Product and Company Identification

Product: Fiber-One Carpet & Rug
Concentrate

Synonyms:

Duraclean International Inc.
220 Campus Drive
Arlington Heights IL 60004

Non-Emergency:
US 847-704-7100

24 hr Emergency Spill Information:
Infotrac

International Infotrac 1-353-323-3500

1-800-535-5053

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Pale yellow liquid, citrus aroma

NOT Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : Not classified as flammable

Health Hazards Listed : May be a mild irritant

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Skin, eyes

Eye: Direct exposure can irritate

Skin: Prolonged exposure can irritate

Ingestion: Not expected to be a problem

Inhalation: Not likely to be a problem

Medical Conditions Aggravated By Exposure:

Allergies to fragrances

Target Organs: None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: (See section 12 for more information.)

None known

Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Water	7732-18-5	80 - 100	N
Linear alcohol polyethoxylates	68439-46-3	7 - 13	N
Organic phosphate esters, acid	68130-47-2	1 - 5	N
Sodium Metasilicate	6834-92-0	0.5 - 1.5	Y

Section 4. First Aid Measures

Eye Contact:	Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician.
Skin Contact:	Wash with soap and water.
Inhalation:	Remove to fresh air.
Ingestion:	Give water or milk to drink if conscious

Note to Physicians:

Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	Water, foam, carbon dioxide, dry chemical
Unsuitable Extinguishing Media:	None known
Products of Combustion:	Oxides of carbon, nitrogen, phosphorus
Protection of Firefighters:	As for surrounding fire

Section 6. Accidental Release Measures

Personal Precautions:	Keep away from skin and eyes
Environmental Precautions:	Keep out of surface waters
Methods for Containment:	Dike area with sand, clay or other suitable material.
Methods for Clean-Up:	Absorb on sand, clay or other suitable material. Mop up hard surfaces with water.

Other Information:

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes.

STORAGE

Keep out of the reach of children. Store in original container at ambient temperatures (below 55°C/130°F)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	Not applicable	Not applicable
Linear alcohol polyethoxylates	None established	2700 mg/kg
Organic phosphate esters, acid	None established	1530 mg/kg
Sodium Metasilicate	None established	1500 mg/kg
Tetrasodium Ethylenediaminetetraacetate	None established	≥ 630 mg/kg

Engineering Controls: Not normally necessary

Eye/Face Protection: Protective goggles recommended if handling large quantities

Skin Protection: Rubber or other protective gloves recommended if handling large quantities

Respiratory Protection: Not normally necessary

General Hygiene Considerations: Keep out of food and beverages

Section 9. Physical and Chemical Properties

Color: Pale yellow	Odor: Mild citrus
Physical State: Liquid	Odor Treshhold:
pH: 10 - 12	Freezing Point: Not determined
Evaporation Rate: As water	Boiling Point: 100°C/212°F

Flash Point: 93°C/200°F CC

Flammability(solid,gas): Not applicable

Upper Flammability Limit: Not determined

Lower Flammability Limit: Not determined

Vapor Pressure: As water

Specific Gravity: 1.02

Vapor Density: Not determined

Auto-ignition Temperature: Not determined

Volatile Organic Compound (VOC),%weight:

Solubility (water): Soluble

Less than 2

Percent Volatile: 80 - 90 including water

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: Strong acids

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Will not occur

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50: Not determined for mixture. Weighted average more than 10 grams per kilogram.

Dermal LD50: Not classified as toxic by skin contact. Weighted average more than 4 grams per kilogram.

Inhalation: Not classified as toxic by inhalation. Weighted average more than 8 milligrams per Liter.

Eye Irritation: Direct contact can irritate eyes

Skin Irritation: Prolonged or repeated contact can irritate or dry skin

Sensitization: None known

CHRONIC EFFECTS

Carcinogenicity: None known

Mutagenicity: None known

Reproductive Effects: None known

Developmental Effects: None known

Section 12. Ecological Information

Ecotoxicity: None known

Persistence/Degradability: Biodegradable

Bioaccumulation/Accumulation: None known

Mobility in Environment: Not determined

Section 13. Disposal Considerations

Disposal: Dispose according to government regulations

Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

Section 15. Regulatory Information

Global Inventories

TSCA: United States	Included
DSL: Canada	Included
ECL: Korea	Not-Known
PICCS: Philippines	Not-Known
ENCS: Japan	Not-Known
AICS: Australia	Included
IECS: China	Not-Known
EINECS: European Union	Included

SARA 313 Information : No SARA 313 substances present at reportable levels

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

No Proposition 65 substances present

WHMIS: Canadian Workplace Hazardous Material Information System

D 2 B

Section 16. Other Information

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

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