

SDS for Product: Encapsulating Extraction Cleaner, Rev. Date: 7 January 2014

Precautionary Phrases: P233 - Keep container tightly closed.
 P234 - Keep only in original container.
 P235 - Keep cool.

Likely Routes of Exposure: Skin, eyes

Eye: Direct exposure can irritate
 Skin: Prolonged exposure can irritate
 Ingestion: May cause nausea
 Inhalation: May cause irritation when used with inadequate ventilation

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	50 - 90%	N
Non-Ionic Surfactant Mixture	Proprietary	< 10.0%	Y
Sodium Citrate	6132-04-3	< 10.0%	Y
Acrylate Copolymer	Proprietary	< 10.0%	Y
Sequestering Agent	Proprietary	< 5.0%	Y
Proprietary Fragrance Mixture	Proprietary	< 1.0%	N
Anionic Polymer	Proprietary	< 10.0%	Y
Amphoteric Surfactant Mixture	Proprietary	< 10.0%	Y
Preservative	Proprietary	< 1.0%	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 to drink if conscious. Do not induce vomiting.

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: None known
 Protection of Firefighters: As for surrounding fire

Section 6. Accidental Release Measures

Personal Precautions: Keep away from skin and eyes. Use safety goggles and gloves.
 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 or mop up with water.
 Other Information:

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes.

STORAGE

S2: Keep out of the reach of children. Store in original container at ambient temperatures.

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	Not applicable	Not applicable
Non-Ionic Surfactant Mixture	None established	None established
Sodium Citrate	None established	None established
Acrylate Copolymer	NA	NA
Sequestering Agent	NA	NA
Proprietary Fragrance Mixture	None established	Not established
Anionic Polymer	NA	NA
Amphoteric Surfactant Mixture		
Preservative	NA	NA

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: S 13: Keep away from food and beverages. Reasonable care. Always practice good housekeeping and hygienic measures, supervise children's use.

Section 9. Physical and Chemical Properties

Color: Translucent yellow to colorless liquid	Odor: Mild characteristic aroma
Physical State: Liquid	Odor Treshhold:
pH: 7.5-9.5	Freezing Point: Not determined
Evaporation Rate: As water	Boiling Point: >100C / >212F
Flash Point: > 205 F (PMCC)	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammabilty Limit: Not determined
Vapor Pressure: As water	Specific Gravity: 1.01-1.04
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight:	Solubility (water): Soluble
Less than 2	Percent Volatile: Not determined

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 10 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 (OECD 301D, Closed Bottle Test)

Bioaccumulation/Accumulation: None known

Mobility in Enviroment: Not determined

Section 13. Disposal Considerations

Disposal: Dispose according to applicable federal, state, or local 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 at reportable levels

WHMIS: Canadian Workplace Hazardous Material Information System

Non-hazardous

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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