

	<h1 style="text-align: right;">Material Safety Data Sheet</h1>	
Protective Clothing	HCS	DOT
	Class: Irritating Substance	

Section I. Product Identification and Uses

Synonyms	Not available.	HMIS H 2 F 0 R 0 B PE
Common/Trade name	Ma-Soap REA	TSCA
Chemical name		TSCA inventory: All components listed.
Chemical formula		TSCA 12(b) one time export: Not Listed. TSCA 12(b) annual export notification: Not Listed.
Chemical family	Surfactant Blend	DSL CEPA DSL: Listed CEPA NDSL: Not Listed.
Manufactured/Supplied	Maple Solutions 3019 Lake Road Dollard Des Ormeaux, QC H9B 2R3 Canada	CAS# Mixture.
Material uses		Code FDA-7700A
Validation Date	Validated on 9/5/2006.	Molecular weight Not applicable
Revision Number		1.0 availabl Not

Section IA. First Aid Measures

Ma-Soap REA

Eye contact	Immediately flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
Skin contact	Wash with soap and water. Get medical attention if irritation develops or persists.
Hazardous inhalation	Allow the victim to rest in a well ventilated area. Loosen tight clothing such as a collar, tie, belt or waistband. Oxygen may be administered if breathing is difficult.
Hazardous ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Section II. Hazardous Ingredients

Ma-Soap REA

Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
1) Proprietary emulsifier		20-30	Not available.	Not available.
2) Proprietary organic amine salt		2-5	Not available.	Not available.

Section III. Physical Data

Ma-Soap REA

Physical state and appearance	Liquid. (Clear to slightly hazy liquid.)	Odor Mild.
pH and Solution Conc.	7 to 9 (10% solution)	Taste Not available.
Odor threshold	Not available.	Color Yellow.
Volatility	70% (w/w).	
Melting point	May start to solidify at 0°C (32°F) based on data for: Water.	
Boiling point	The lowest known value is 100°C (212°F) (Water).	
Specific gravity	1.04 (Water = 1)	

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Vapor density	Not available.	
Vapor pressure	Not available.	
Evaporation rate	Not available.	
Viscosity	Not available.	
Ionicity (surface active agent)	Cationic.	
Critical temperature	Not available.	
Instability temperature	Not available.	
Conditions of instability	None known.	
Dispersion properties	Not available.	
Solubility	Dispersible in water.	
VOC's (g/L)(EPA 24/24A)	Not determined.	
HAPs or TAPs	Clean air act (CAA) 112 accidental release prevention: Not Listed. Clean air act (CAA) 112 regulated flammable substances: Not Listed. Clean air act (CAA) 112 regulated toxic substances: Not Listed.	

Section IV. Fire and Explosion Data	Ma-Soap REA
The product is:	Non-flammable.
Auto-ignition temperature	Not applicable
Fire degradation products	Not applicable
Flash points	Not applicable
Flammable limits	Not applicable
Fire extinguishing procedures	Not applicable
Flammability	Not applicable
Risks of explosion	Product does not have explosive properties.

Section V. Reactivity Data	Ma-Soap REA
Stability	Stable.
Freeze/Thaw Stability	Freeze thaw stable, thaw and stir before using.
Hazardous decomp. products	Not available. Oxides of carbon
Degradability	Not available.
Products of degradation	Not available. Oxides of carbon Not available.
Corrosivity	Not considered to be corrosive for metals and glass.
Reactivity	Slightly reactive to reactive with oxidizing agents. Non-reactive with acids, alkalis.

Section VI. Toxicological Properties		Ma-Soap REA
Routes of entry	Eye contact. Skin contact. Inhalation. Ingestion.	
TLV	Refer to Section II. Hazardous Ingredients.	
Toxicity to animals	Not available.	
Chronic effects on humans	There is no known effect from chronic exposure to this product.	
Acute effects on humans	This product may irritate eyes and skin upon contact. Over-exposure by inhalation may cause respiratory irritation. Acute ingestion may result in mild gastrointestinal distress.	
Aquatic Toxicity (LC50)	Not available.	

Section VII. Preventive Measures		Ma-Soap REA
Waste information	This material, as received, is not expected to be a hazardous waste under RCRA. Waste management should be in compliance with federal, state, and local regulatory requirements.	
Waste stream	Not available.	
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.	
Precautions	Do not ingest. Do not breathe gas/fumes/vapor/spray. If ingested, seek medical advice immediately and show the container or the label.	
Small spill and leak	Absorb with an inert material and place in an appropriate waste disposal container.	
Large spill and leak	Stop leak if without risk. Eliminate all sources of ignition. Absorb with an inert material and put the spilled material in an appropriate waste disposal.	
Protective clothing in case of large spill	Splash goggles. Gloves. Boots. Full suit. Wear appropriate respirator when ventilation is inadequate.	

Section VIII. Classification		Ma-Soap REA	
DOT	Not a DOT controlled material (United States).		
	Not applicable		
	Not regulated.	RQ Not available.	Not available.
Maritime transportation	Not pollutant.		
HCS	Class: Irritating substance. Not available.		
Federal and State regulations:			
Note: California Prop. 65 requires the listing of reportable chemicals that is believed to exist in this product at any detected, or suspected, level no matter how minute.			
CERCLA:	Hazardous substances.: Not Listed. SARA 313 toxic chemical notification and release reporting: Not Listed. Not available		
International List listed	Not		

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Section X. Other Information		Ma-Soap REA		
References	Not available.			
Special Test Results	Not available. Not available.	Not available. Not available.	Not available. Not available.	Not available. Not available.
Validated by Sandy Carter on 9/5/2006.		Verified by Sandy Carter.		
		Printed 9/21/2006.		
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