



Material Safety Data Sheet

Protective Clothing		HCS	DOT	
		Class: Irritating Substance		

Section I. Product Identification and Uses				
Synonyms	Not available	HMIS	H 2 F 0 R 0 PE B	
Common/Trade Name	Ma-Scour AIN	TSCA	TSCA inventory: All components listed	
Chemical Name	Not applicable		TSCA 12(b) one time export: Not Listed	
Chemical formula	Not applicable		TSCA 12(b) annual export notification: Not Listed	
Chemical family	Surfactant blend	DSL	CEPA DSL: All components listed CEPA NDSL : Not listed	
Manufactured / Supplied	Maple Solutions 3019 Lake Road D.D.O. QC, H9B 2R3, Canada	CAS#	Mixture	
Material uses	Not available	Code		
Validation Date	Validated on 2006/9/5	Molecular Weight	FDA-8376A	
		Revision Number	1.0	

Section IA. First Aid Measures	
Eye contact	Immediately flush eyes with running water for at least 15 minutes, keeping eye lids open.
Skin contact	Wash with running water and non-abrasive soap. Get medical attention if irritation develops or persist.
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. Get medical attention if symptoms appear.
Hazardous ingestion	If ingested, seek medical advice immediately and show the container or the label. DO NOT induce vomiting unless directed to do so by medical personnel.

Section II. Hazardous Ingredients				
Name	CAS#	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
1)Proprietary Dispersant	34590-94-8	5 -15	Not available	Not available
2)Dipropylene Glycol Methyl Ether		<5.0	TWA: 100 STEL: 150 ppm from ACGIH (TIH) United States – SKIN TWA: 100 ppb from OSHA (PEL) United States SKIN	Not available
3)Proprietary Surfactant		5-10	Not available	Not available

Section III. Physical Data			
Physical state and appearance	Liquid (Opaque emulsion)	Odor	Mild
pH and Solution Conc.	7.5 to 8.5	Taste	Not available
Odor threshold	Not available	Color	White
Volatility	67 to 69% (w/w)		
Melting Point	0°C (32°F)		
Boiling point	100°C (212°F)		
Specific Gravity	1.0924 (water=1)		
Vapor density	Not available		
Vapor pressure	Not available		
Evaporation rate	Not available		
Viscosity	Not Tested		
Ionicity (surface active agent)	Anionic		
Critical temperature	Not available		
Instability temperature	Not available		
Condition of instability	None known		
Dispersion properties	See solubility in Water		
Solubility	Emulsifiable in water		
VOC's (g/L)(EPA 24/24A)	Up to 10% (estimated)		
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	
The product is	Non-flammable
Auto-ignition temperature	Not available
Fire degradation products	Not available
Flash points	Not applicable
Flammable limits	Not applicable
Fire extinguishing procedures	Not applicable
Flammability	Not applicable
Risks of explosion	Non-explosive n presence of open flames and sparks, of shocks.

Section V. Reactivity Data

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	Oxides of carbon, Carbon oxides (CO, CO ₂) nitrogen oxides (NO, NO ₂) The product itself and its products of degradation are not toxic.
Corrosivity	Not considered to be corrosive for glass, Stainless steel (304 and 316)
Reactivity	Slightly reactive to reactive with oxidizing agents.

Section VI. Toxicological Properties

Routes of entry	Eye contact, Inhalation, Ingestion
TLV	Refer to Section II. Hazardous Ingredients
Toxicity to animals	Acute oral toxicity (LD50): >2000 mg/kg (Rat)
Chronic effects on humans	There is no known effect from chronic exposure to this product.
Acute effects on humans	Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Over-exposure by inhalation may cause respiratory irritation.
Aquatic Toxicity (LC50)	Ecotoxicity in water (LC50): >10 mg/l, 48 hours (fish). >10 mg/l, 48 hours (daphnia, (daphnia magna))

Section VII. Preventive Measures

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available
Storage	Keep container tightly closed. Keep container in cool, well ventilated area.
Precautions	Avoid contact with skin and eyes. Avoid breathing vapors or spray mists. After handling, always wash hands thoroughly with soap and water. Keep container tightly closed in a cool, well-ventilated place.
Small spill and leak	Absorb with an inert material and place in an appropriate waste disposal container.
Large spill and lea	Stop leak if without risk. Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Protective clothing in case of large spill	Splash goggles. Boots, Full suit. Wear appropriate respirator when ventilation is inadequate. Consult a specialist before handling the product.

Section VIII. Classification

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

Section IX. Protective Clothing

Safety glasses, Gloves (impervious)	
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Section X. Other information

References	Not available
Special Test Results	Not available
Validated by	Verified by Sandy Carter
CHEMTREC (24 HRS)	+1 (800) 424 9300
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