



# 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	<b>Ma-Terge AP</b>	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	Not applicable	DSL	CEPA DSL: Ma-Terge AP CEPA NDSL : Not listed	
Manufactured / Supplied	Maple Solutions 3019 Lake Road D.D.O. QC, H9B 2R3, Canada	CAS#	Mixture	
Material uses	Scouring agent	Code		
Validation Date	Validated on 2006/9/5	Molecular Weight	Not applicable	
		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 gently and thoroughly the contaminated skin with running water and non-abrasive soap.
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	If ingested, seek medical advice immediately and show the container or the label

Section II. Hazardous Ingredients				
Name	CAS#	% by Weight	TLV/PEL	LC <sub>50</sub> /LD <sub>50</sub>
Proprietary Etoxylate		10 – 20	Not available	Not available

Section III. Physical Data			
Physical state and appearance	Liquid (Opaque to translucent)	Odor	Mild
pH and Solution Conc.	5.5 to 7.5	Taste	Not available
Odor threshold	Not available	Color	Colorless
Volatility	78 to 82% (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	Not available		
Vapor density	Not available		
Vapor pressure	Not available		
Evaporation rate	Not available		
Viscosity	Not Tested		
Ionicity (surface active agent)	Non-ionic		
Critical temperature	Not available		
Instability temperature	Not available		
Condition of instability	None known		
Dispersion properties	Not available		
Solubility	Dispersible in water		
VOC's (g/L)(EPA 24/24A)	0 (g/L)		
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	May be combustible at high temperature
Auto-ignition temperature	Not available
Fire degradation products	Not available
Flash points	Closed cup: Higher than 93.3°C (200 °F). (Setaflash)
Flammable limits	Not available
Fire extinguishing procedures	SMALL FIRE : Use DRY chemical powder LARGE FIRE : Use water spray, fog or foam. Do not use water jet.
Flammability	Because of the large amount of water contained in the product, the product might be combustible only after partial or complete evaporation.
Risks of explosion	Product does not have explosive properties

Section V. Reactivity Data	
Stability	Stable
Freeze/Thaw Stability	WARNING: This product is not freeze thaw stable. Do not allow to freeze.
Hazardous decomp. / products	Oxides of carbon
Degradability	Not available

<b>Products of degradation</b>	Oxides of carbon
<b>Corrosivity</b>	Not considered to be corrosive for metals and glass
<b>Reactivity</b>	No specific information is available in our database regarding the reactivity of this material in presence of various other materials.

### Section VI. Toxicological Properties

<b>Routes of entry</b>	Eye contact, Skin contact, Inhalation, Ingestion	
<b>TLV</b>	Refer to Section II. Hazardous Ingredients	
<b>Toxicity to animals</b>	LD50 (dermal) : Not available LC50: Not available	
<b>Chronic effects on humans</b>	CARCINOGENIC EFFECTS	Not available
	MUTAGENIC EFFECTS	Not available
<b>Chronic effects on humans</b>	TERATOGENIC EFFECTS	Not available
	DEVELOPMENTAL TOXICITY	Not toxic
<b>Chronic effects on humans</b>	Repeated or prolonged exposure is not known to aggravate any medical condition	
<b>Acute effects on humans</b>	Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Over-exposure by inhalation may cause respiratory irritation.	
<b>Aquatic Toxicity (LC50)</b>	Not available	

### Section VII. Preventive Measures

<b>Waste Information</b>	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.
<b>Waste Stream</b>	Not available
<b>Storage</b>	Store and use away from heat, sparks, open flame or any other ignition source. Keep container tightly closed in a cool, well-ventilated place.
<b>Precautions</b>	Avoid contact with skin and eyes. Avoid breathing vapors or spray mists. Store and use away from heat, sparks, open flame or any other ignition source. After handling, always wash hands thoroughly with soap and water. Keep container tightly closed in a cool, well-ventilated place.
<b>Small spill and leak</b>	Absorb with an inert material and place in an appropriate waste disposal container.
<b>Large spill and lea</b>	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.
<b>Protective clothing in case of large spill</b>	Splash goggles. Boots, Full suit. Wear appropriate respirator when ventilation is inadequate.

### Section VIII. Classification

<b>DOT</b>	Not a DOT controlled material (United States)
	Not applicable, RQ Not available
<b>Maritime transportation</b>	Not pollutant
<b>HCS</b>	Class : Irritating substance
<b>Federal and State regulations</b>	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
<b>International lists</b>	Not available

### Section IX. Protective Clothing

<b>Safety glasses, Gloves (impervious)</b>	
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### Section X. Other information

<b>References</b>	Not available
<b>Special Test Results</b>	Not available
<b>CHEMTREC (24 HRS)</b>	<b>+1 (800) 424 9300</b>

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