

Ethanol	64-17-5	0.5-1.5	Y
Odor Counteractant	NA	0.1-1.0	N
Sodium Xylene Sulfonate	1300-72-7	3-6	N

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, sulfur
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 with sand, clay or other suitable material
Methods for Clean-Up:	Absorb with sand, clay or other suitable material
Other Information:	

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes.

STORAGE

Original containers at ambient temperatures (5-60°C; 40 - 140°F)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Non-ionic Surfactant	NA	NA
Water	Not applicable	Not applicable
Ethanol	TLV 1000 ppm	7060 mg/kg
Odor Counteractant	None established	Not determined
Sodium Xylene Sulfonate	None established	1000 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: Light red	Odor: Characteristic; described by some as raspberry-like
Physical State: Liquid	Odor Treshhold:
pH: 6.5-7.5	Freezing Point: Not determined

Evaporation Rate: As water	Boiling Point: 100°C/212°F
Flash Point: >96°C/>205°F PMCC	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammability Limit: Not determined
Vapor Pressure: As water	Specific Gravity: 1.01
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight:	Solubility (water): Soluble
Less than 5%	Percent Volatile: 85 - 90% including water

Section 10. Stability and Reactivity

Stability: Stable
 Conditions to Avoid: None known
 Incompatible Materials: None known
 Hazardous Decomposition Products: None known
 Possibility of Hazardous Reactions: Extremely improbable

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50:	Not determined for mixture. Weighted average more than 5 grams per kilogram.
Dermal LD50:	Not determined. Weighted average more than 12 grams per kilogram.
Inhalation:	Not determined. Weighted average more than 10 milligrams per Liter.
Eye Irritation:	Direct exposure can irritate. If eyes are not rinsed immediately, irritation can become moderate to severe.
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 Federal, State or Provincial, and 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

WHMIS: Canadian Workplace Hazardous Material Information System

B 3, 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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