

MATERIAL SAFETY DATA SHEET – SUPERPLASTICIZER

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Information

Product Name: Superplasticizer
Chemical Family: Polymeric Dispersant
Application: Dispersant for Cement Grout
Supplier: Multiurethanes Ltd.
5245 Creekbank Road, Mississauga, ON L4W 1N3
Telephone: 905-564-7650
Fax: 905-564-7998
Emergency Contact: 1-800-663-6633

MSDS Preparation Information

Revision Date: July 6, 2015
Prepared By: Multiurethanes Ltd, Mississauga, ON L4W 1N3
Telephone: 905-564-7650

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Concentration
Salt of Naphthalenesulfonate	37293-74-6	<50%

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview Ingredient

Brown liquid; slight odour; non-hazardous

Potential Health Effects

Eye Contact: Mild irritation
Skin Contact: Mild irritation
Inhalation (acute): Mild irritation
Inhalation (chronic): Not determined
Ingestion: Irritation

SECTION 4: FIRST AID MEASURES

Eye Contact:	Flush with water; if irritation occurs, seek medical attention
Skin Contact:	Wash with soap and water; if irritation occurs, seek medical attention
Inhalation:	Move to fresh air; if difficult breathing occurs, seek medical attention
Ingestion:	Seek medical attention; do not induce vomiting

SECTION 5: FIRE FIGHTING MEASURES

Flash Point:	Not determined
Extinguishing Media:	Dry chemical; carbon dioxide; foam; water spray
Special Fire Fighting Instructions:	Wear full protective equipment, including SCBA

SECTION 6: ACCIDENTAL RELEASE MEASURES

General:	Use conventional absorbents
Waste Disposal:	Dispose according to local regulations

SECTION 7: HANDLING AND STORAGE

Storage:	Store in a dry location
Handling:	Handle with care

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls

Engineering Controls:	Not required for typical applications
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Personal Protective Equipment (PPE)

Eye/Face Protection:	Safety glasses with side shields; emergency eye-wash kits readily available
Skin Protection:	Impermeable gloves, shoes, and apron; protective clothing with long sleeves and long pants
Respiratory Protection:	Not required for typical applications

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid
Appearance:	Brown liquid
Colour:	Brown
Odour:	Light
Boiling Point:	100°C
Melting/Freezing Point:	Below 0°C
Solubility in Water:	Soluble
Specific Gravity:	1.2025
Bulk Density:	1.2025 g/ml
% Volatiles by Volume:	57 %
pH:	8-10
Vapour Pressure:	Not determined
Vapour Density:	Heavier than air

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibles:	Avoid contact with strong acids, strong alkalis
Decomposition Product:	Burning may produce carbon monoxide and carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral LD50:	Not determined
Dermal LD50:	Not determined
Inhalation LC50:	Not determined
Eye Effects:	Irritation
Skin Effects:	Irritation
Sensitization:	Not determined
Chronic toxicity:	Not determined
Carcinogenicity:	Not determined
Mutagenicity:	Not determined

SECTION 12: ECOLOGICAL INFORMATION

Avoid environmental contamination.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose according to local regulations.

SECTION 14: TRANSPORTATION AND SHIPPING INFORMATION

Not regulated

SECTION 15: REGULATORY INFORMATION

OSHA status:	Irritant
TSCA status:	Components are listed on TSCA Inventory
CERCLA reportable quantity:	Not applicable for typical product application
SARA Title III Section 302:	Extremely hazardous substances - no known reportable constituents
SARA Title III Section 311/312:	Hazard categories- acute health hazard; chronic health hazard
SARA Title III Section 313:	Toxic Chemical Release Reporting - not applicable
RCRA status:	It is the responsibility of the product user to determine, at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

SECTION 16: OTHER INFORMATION

WHMIS (Workplace Hazardous Material Identification System) Rating:

Class D2 - Toxic Material

NFPA (National Fire Protection Agency) Rating:

Health	Flammability	Reactivity	Other
1	0	0	1

NAERG (North American Emergency Response Guide) Rating:

154

End of MSDS