

MATERIAL SAFETY DATA SHEET – PUMP CLEANER

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Information

Product Name: Pump Cleaner
Chemical Family: Mixture
Application: Cleaning solution
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 2, 2015
Prepared By: Multiurethanes Ltd, Mississauga, ON L4W 1N3
Telephone: 905-564-7650

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Concentration
Dimethyl Succinate	106-65-0	15-25%
Pentanedioic Acid, Dimethyl Ester	1119-40-0	55-65%
Dimethyl Adipate	627-93-0	10-25%

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview Ingredient

Clear liquid; sweet odour; hazardous

Potential Health Effects

Eye Contact: Irritation
Skin Contact: Irritation
Inhalation (acute): 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; drink water; do not induce vomiting

SECTION 5: FIRE FIGHTING MEASURES

Flash Point:	100°C
Extinguishing Media:	Dry chemical; carbon dioxide; foam; water fog
Special Fire Fighting Instructions:	Wear protective equipment, including SCBA; keep containers cool with water spray

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 and boots; 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:	Clear liquid
Colour:	Clear
Odour:	Sweet, musty
Boiling Point:	196–225°C
Melting/Freezing Point:	–20°C
Solubility in Water:	5.3% (20°C)
Specific Gravity:	1.092
Bulk Density:	1.092 g/ml
% Volatiles by Volume:	Not determined
pH:	Not determined
Vapour Pressure:	0.2 at 20°C
Vapour Density:	Heavier than air

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibles:	Strong acids and alkalis; strong oxidizers
Decomposition Product:	Burning may produce oxides of nitrogen, carbon monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral LD50:	> 5000 mg/kg in rats
Dermal LD50:	> 1000 mg/kg in rabbits
Inhalation LC50:	> 2000 mg/l in rats
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:	Hazardous; 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 D2B - Toxic Material

NFPA (National Fire Protection Agency) Rating:

Health	Flammability	Reactivity	Other
1	1	0	0

NAERG (North American Emergency Response Guide) Rating:

154

End of MSDS