

MATERIAL SAFETY DATA SHEET

AQUALASTIC

PRODUCT AND MANUFACTURING IDENTIFICATION

TRADE NAME: AQUALASTIC

USES: WATER REACTIVE FOAM

CHEMICAL NAME: MIXTURE

EMERGENCY TELEPHONE NUMBERS: CHEMTREC 1-800-424-9300

SUPPLIER: QUALITY RESTORATION PRODUCTS INC.,
59 - 145 RICE AVE., HAMILTON, ONTARIO
PHONE: (905) 318-5424

HAZARDOUS INGREDIENTS

	<u>CAS NO</u>	<u>% CONTENT</u>	<u>EXPOSURE LIMITS</u>	<u>LD50/LC50</u>
DIETHYLENE GLYCOL Established ETHER ACETATE	112-15-2	10% - 30%	Not Established	Not
TOLUENE DIISOCYANATE	26471-62-5	10% - 30%	0.005ppm	Not Established

PHYSICAL DATA

SPECIFIC GRAVITY: 1.15g/ml
ODOUR: odourless
FREEZING POINT: nil
VAPOUR DENSITY: no data
VOLATILITY: nil
ODOUR THRESHOLD: 0.005ppm
APPEARANCE: clear liquid
EVAPORATION RATE: nil
SOLUBILITY IN WATER: 100%

FIRE AND EXPLOSION DATA

FLASH POINT: 225°F
AUTO IGNITION TEMPERATURE: 680°F
LOWER EXPLOSION LIMIT: none
UPPER EXPLOSION LIMIT: none
HAZARDOUS COMBUSTION PRODUCTS: smoke, carbon dioxide, and nitrogen oxides will develop
INCOMPATIBILITY: avoid contact with water, which is catalyst for material
EXTINGUISHING MEDIA: AFFF foam, carbon dioxide dry chemical and water.
SPECIAL FIRE FIGHTING PROCEDURE: none
SENSITIVITY TO MECHANICAL IMPACT: none
SENSITIVITY TO STATIC DISCHARGE: none
UNUSUAL HAZARDS: none
BOILING POINT: 418°F
VAPOUR PRESSURE: nil

HEALTH HAZARD INFORMATION

ACUTE EFFECTS : none
CHRONIC AFFECTS: none
LD50: (ORAL, RAT) - no data
LD50: (DERMAL, RABBIT) - no data
EYES: may cause moderate irritation
SKIN: may cause moderate irritation
INHALATION: may cause irritation of nasal and respiratory passages and central nervous system effects
INGESTION: may cause gastrointestinal irritation, nausea, vomiting and diarrhea
SYNERGISTIC MATERIALS: none known
CARCINOGENICITY: this product is not classified as carcinogenic by ACGIH AND IARC
TERATOGENICITY/REPRODUCTIVE EFFECTS: this product does not have teratogenicity effects
MUTAGENICITY: this product does not have mutagenic effects

PREVENTATIVE MEASURES

PERSONAL PROTECTION : NIOSH approved atmosphere supplying respirator in pressure demand or other protective pressure mode if concentrations exceed the applicable exposure limits
VENTILATION: local exhaust ventilation is required
LEAK AND SPILL PROCEDURES: absorb liquid on paper, vermiculite, floor absorbent or other absorbent material
WASTE DISPOSAL: in accordance with local, provincial and federal regulations
STORAGE AND HANDLING REQUIREMENTS: store at room temperature away from heat and moisture. handle only in well ventilated area

EMERGENCY AND FIRST AID PROCEDURES

EYES: immediately flush with running water for 20 minutes. Hold eyelids open during flushing. Get medical attention

SKIN: clean exposed area with soap and water.

INGESTION: rinse mouth vigorously and supply victim with 16-24oz. of water to drink. get medical attention

INHALATION: move victim to fresh air. aid or restore breathing in necessary. get medical attention

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REGULATORY INFORMATION

WHIMIS CLASSIFICATION: D-1A, D-2A, D-2B

TDG (TRANSPORTATION OF DANGEROUS GOODS) CLASSIFICATION: P.I.N. : not regulated

CLASS: not classified

DOMESTIC SUBSTANCE LIST: yes

PREPARATION INFORMATION

DATE ISSUED: Jan 12, 2000

PREPARED BY: REGULATORY AFFAIRS GROUP, ELASTOCHEM SPECIALTY CHEMICALS INC

NOTE : The information in this MSDS should be provided to all who will use, handle, store transport or otherwise be exposed to this product.