



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: T-2508

PRODUCT USE: Demusifier **CAS NO.** N/A

CHEMICAL FAMILY: Not Available

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: B2, D2B, E

WORK PLACE HAZARD: Flammable Liquid, Corrosive, Skin and Eye Irritant.

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: Flammable Liquid, Corrosive NOS (Methanol, Sufonic Acid)

TDG CLASSIFICATION: Class 3 (8)

UN NUMBER (PIN): 2924

PACKING GROUP: II

SPECIAL INFORMATION: Note – storage and handling precautions. Refer to Fire and Explosion Hazard for data on flammability / combustibility of product. Do not ship with foodstuffs, feed or clothing.

SECTION II: HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>Percent</u>	<u>CAS No.</u>	<u>LD50 (Units) Species/Route</u>	<u>LC50 (Units) Species/Route</u>	<u>Exposure Limits TWA-8hr ppm</u>
Methanol	15-40	67-56-1	5628mg/kg Oral rat	64000ppm /4hrs Inh. rat	200
Sulfonic Acid	15-40	26176-87-0	N/A	N/A	N/A

SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN EYE CONTACT INHALATION INGESTION

EYE CONTACT : Severe Eye Irritant. Product is corrosive to eyes.

SKIN CONTACT: Sever Skin Irritant. Corrosive to skin.

INGESTION: Product is corrosive to digestive and respiratory tract. May cause nausea.

INHALATION: May cause nausea, headache, dizziness and unconsciousness. Aspiration of fluid into lungs can cause chemical pneumonitic. Inhalation can contribute to conditions of emphysema / bronchitis. Possible CNS disturbance, crosses placental barrier, narcotic effect. Cumulative systemic poison. May affect liver / kidney.



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SECTION IV: FIRST AID MEASURES

SKIN CONTACT:	Wash affected area with soap and water for at least 15 minutes. Remove and clean contaminated clothing. Seek medical attention if irritation develops or persists.
EYE CONTACT:	If splashed into the eyes, flush with clear water for 15 minutes by holding eye open while flushing. Seek immediate medical attention.
INGESTION:	Drink plenty of water. DO NOT induce vomiting. Seek immediate medical aid. NEVER give anything by mouth to an unconscious person. Seek immediate medical aid.
INHALATION:	Remove patient to fresh air. Apply artificial respiration if breathing has stopped. If difficulty breathing, administer oxygen. Seek immediate medical attention.
ADVICE TO PHYSICIAN:	Product is CORROSIVE. No specific antidote.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Amber liquid, alcohol odour
SPECIFIC GRAVITY:	0.9619
BOILING POINT (°C):	74°C
FREEZING POINT (°C):	-35°C
pH:	<2.0
COEFFICIENT WATER / OIL:	Not Available
ODOUR THRESHOLD:	Not Available
VAPOUR PRESSURE (mm Hg):	Not Available
VAPOUR DENSITY:	Not Available

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	25°C Method: TCC
FLAMMABLE LIMITS:	Upper 36% Lower 6.0%
AUTOIGNITION TEMPERATURE:	385°C
EXTINGUISHING MEDIA:	Carbon Dioxide, Dry Chemical, Foam, Water Fog
CONDITIONS OF FLAMMILITY:	Heat, Sparks, Open Flame.
EXPLOSION DATA:	Mechanical Impact: Probable, Static Discharge: Probable
SPECIAL FIRE FIGHTING PROCEDURES:	Fire Fighters must wear appropriate breathing apparatus and clothing. Treat as a flammable liquid. Use water fog to cool exposed surfaces. Boil over may occur. Vapours may flow along surfaces of distant ignition source and flash back. Note: hazardous combustion products.

SECTION VII: REACTIVITY DATA



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STABILITY: Stable [XX] Unstable []

INCOMPATIBILITY (CONDITIONS TO AVOID): Oxidizers, Acids, Bases, F₂

CONDITIONS OF REACTIVITY HAZARDOUS: Very Reactive with F₂

DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Oxides of Sulfur, Formaldehyde

HAZARDOUS POLYMERIZATION: Will Not Occur [XX] May Occur []

VIII: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Exposure within those recommended by respirator manufacturer require Organic Vapour Cartridge. Exposures that are immediately dangerous to life or health (IDLH) require an atmosphere-supplying type, positive pressure mode, Self Contained Breathing Apparatus (SCBA).

VENTILATION: Local exhaust ventilation is recommended for controlled products. The use of mechanical ventilation is recommended whenever this product is used in a confined space or when circulation is inadequate. If product is flammable / combustible, all equipment should be explosion proof.

PROTECTIVE GLOVES: Suggest plastic or rubber.

EYE PROTECTION: Chemical goggles must be worn at all times when handling product. If there is a possibility of splashing, wear protective face shield. If vapours irritate eyes, wear full face respirator.

OTHER PROTECTIVE EQUIPMENT: Chemical resistant protective clothing must be worn at all times when handling product. Wash thoroughly or dispose of any contaminated clothing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid inhalation of vapours / mists. Do not get on skin, in eyes or on clothing. Keep container closed when not in use. Wear suitable protection for eyes and skin when handling. Use with adequate ventilation. Avoid contact with incompatible materials. Store in dry, cool, well ventilated area away from sources of heat, ignition or sparks. Use proper grounding techniques if product is classed as flammable or combustible. Eye wash and safety showers should be easily accessible and in proper operating order.

STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Remove all sources of ignition. Contain spill. Absorb material on appropriate non-flammable absorbent and shovel into compatible containers. Avoid all bodily contact. Appropriate breathing apparatus must be worn if ventilation is inadequate. Do not allow product to enter sewers or storm water inlets.

WASTE DISPOSAL METHOD

It is the responsibility of the user of this product to determine at the time of disposal whether product meets criteria for hazardous waste. This is because product uses, transformations, processes, mixtures etc, may render a non hazardous material hazardous, or a hazardous material non hazardous. Container Disposal: Empty container retains product residue. Containers must be rinsed before disposal or reuse. Observe all hazard precautions. Keep away from heat, sparks and flames. DO not weld or use a cutting torch on or near container. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all hazardous product residue and puncture or otherwise destroy empty container before disposal.

SECTION IX: PREPARATION



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THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

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