



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Ultramine
PRODUCT USE: Corrosion inhibitor
CHEMICAL FAMILY: Blend

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Class B2 ,D2A
WORK PLACE HAZARD: Flammable Liquid. Chronic and acute toxic effects.

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: FLAMMABLE LIQUID, N.O.S (contains Methanol, Isopropanol)
TDG CLASSIFICATION: 3
UN NUMBER (PIN): 1993
PACKING GROUP: II

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>PEL</u>	<u>STEL</u>
Methanol	5-10%	67-56-1	200ppm	400ppm
Isopropanol	3-7%	67-63-0	250ppm	500ppm

SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: [XX] SKIN [XX] EYE CONTACT [XX] INHALATION [XX] INGESTION

OVER EXPOSURE: Signs of inhalation overexposure: Irritation of respiratory tract, nervous system depression, headaches, dizziness, staggering gait, confusion, unconsciousness, coma.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wash with soap and running water for 15 minutes. If irritation or burning persists, consult physician.

EYE CONTACT: In case of eye contact, flush immediately with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Destroy contaminated shoes.



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INGESTION: If ingested, induce vomiting, immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably by mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	N/A
SPECIFIC GRAVITY(@ 16°C):	0.8610 – 0.8910
BOILING POINT (°C):	N/A
FREEZING POINT (°C):	N/A
pH:	7 - 9
SOLUBILITY IN WATER:	Soluble
PERCENT VOLATILE BY VOLUME:	N/A
EVAPORATION RATE:	N/A
VAPOUR PRESSURE (mm Hg):	N/A

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	11°C (PMCC)
FLAMMABLE LIMITS:	LEL, 6% (v) UEL, 36% (V) Based on Methanol
EXTINGUISHING MEDIA:	Carbon dioxide (CO ₂), or Alcohol foam, Dry powder.
SPECIAL FIRE FIGHTING PROCEDURES:	N/A.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	May be ignited by heat, sparks, or flames. Vapours may travel to a source of ignition and flash back. Containers may rupture in heat or fire. Vapours are an ignitability hazard indoors.

SECTION VII: REACTIVITY DATA

STABILITY:	Stable [XX]	Unstable []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Oxidizers or Oxidizing materials. Open flames, sparks.	
CONDITIONS OF REACTIVITY:	N/A	
HAZARDOUS DECOMPOSITION PRODUCTS:	From fire: Smoke, Carbon dioxide, Carbon monoxide.	



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

SECTION VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NOT NORMALLY REQUIRED.

VENTILATION: Desired in closed places

PROTECTIVE GLOVES: Impervious gloves.

EYE PROTECTION: Chemical goggles.

OTHER PROTECTIVE EQUIPMENT (Specify): WHMIS Personal Protection: B: Safety glasses and gloves.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool place away from ignition sources. Store away from oxidizers or materials bearing yellow "DOT" label. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not breathe vapours. Avoid prolonged or repeated contact with skin.

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

In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.

WASTE DISPOSAL METHOD

HAZARDOUS WASTE. EPA APPROVED HAZARDOUS WASTE DISPOSAL SITE, FOLLOW APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION IX: PREPARATION

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

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