

NORTHRIDGE TOX CENTER FACTSHEET
MSDS for MIC

1 - Site Specific Information

* * * NOT Implemented for Specified Chemical * * *

2 - General Information

DOT SHIPPING NAME
METHYL ISOCYANATE
CHEMICAL NAME
METHYL ISOCYANATE, MIC
DOT/UN ID NUMBER
2480
DOT HAZARD CLASS
FLAMMABLE LIQUID
EMERGENCY PHONE NUMBER
(800) xxx-xxxx

NFPA CODE
2-3-3

TICE

The information in this chemical emergency fact sheet is provided by the Northridge Tox Center, Northridge, CA. DO NOT MODIFY ANY OF THE DATA PROVIDED ON THIS FACT SHEET. Report any suggestions for changes to the Northridge Tox Center by calling 213-xxx-xxxx.

3 - Physical Characteristics

BOILING POINT
102 F

SPECIFIC GRAVITY
1.0

VAPOR DENSITY
1.97

SOLUBILITY IN WATER
R

FORM
L

APPEARANCE AND OTHER CHARACTERISTICS

COLORLESS LIQUID. VAPORS HEAVIER THAN AIR. POTENTIAL FOR IGNITION/FLASHBACK AT CONSIDERABLE DISTANCE FROM SOURCE. TOXIC IF INHALED OR ABSORBED THROUGH SKIN. ORAL (RAT) TOXICITY 305 MG/KG.

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4 - Fire and Explosion Data

FLASH POINT
19 FAUTO IGNITION
994 F

FIRE AND EXPLOSION EMERGENCY PROCEDURES

SMALL FIRES : DRY CHEMICAL, CO2, WATER SPRAY, OR FOAM.

LARGE FIRES : WATER SPRAY, FOG, OR FOAM.

STAY AWAY FROM ENDS OF TANKS. DO NOT GET WATER INSIDE OF CONTAINER. COOL CONTAINERS THAT ARE EXPOSED TO FLAMES WITH WATER FROM THE SIDE UNTIL WELL AFTER FIRE IS OUT. FOR MASSIVE FIRE IN CARGO AREA, USE UNMANNED HOSE HOLDER OR MONITOR NOZZLES. IF THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND LET FIRE BURN. WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICE OR ANY DISCOLORATION OF TANKS DUE TO FIRE.

FIRE AND EXPLOSION HAZARDS

EXTREMELY FLAMMABLE. MAY BE IGNITED BY HEAT, SPARKS, OR FLAMES. VAPORS MAY TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINER MAY EXPLODE VIOLENTLY IN HEAT OF FIRE. VAPOR EXPLOSION AND POISON HAZARD INDOORS, OUTDOORS, OR IN SEWERS. RUNOFF TO SEWER MAY CREATE FIRE OR EXPLOSION HAZARD.

5 - Health Hazard Data

HEALTH HAZARDS

POISONOUS. MAY BE FATAL IF INHALED, SWALLOWED, OR ABSORBED THROUGH SKIN. CONTACT MAY CAUSE BURNS TO SKIN AND EYES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.

6 - Spill or Leak Procedures

SPILL OR LEAK PROCEDURES

SHUT OFF IGNITION SOURCES. NO FLARES, SMOKING, OR FLAMES IN HAZARD AREA. DO NOT TOUCH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. USE WATER SPRAY TO REDUCE VAPORS. DO NOT GET WATER INSIDE CONTAINER.

SMALL SPILLS : FLUSH AREA WITH FLOODING AMOUNTS OF WATER.

LARGE SPILLS : DIKE FAR AHEAD OF SPILL FOR LATER DISPOSAL.

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7 - First Aid Procedures

FIRST AID PROCEDURES

MOVE VICTIM TO FRESH AIR. CALL EMERGENCY MEDICAL CARE. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IN CASE OF CONTACT WITH MATERIAL, IMMEDIATELY FLUSH SKIN OR EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES. REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES AT THE SITE. KEEP VICTIM QUIET AND MAINTAIN NORMAL BODY TEMPERATURE. EFFECTS MAY BE DELAYED. KEEP VICTIM UNDER OBSERVATION.

8 - Emergency Action

EMERGENCY ACTIONS

KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND. KEEP OUT OF LOW AREAS. WEAR POSITIVE PRESSURE BREATHING APPARATUS AND SPECIAL PROTECTIVE CLOTHING. ISOLATE FOR 1/2 MILE IN ALL DIRECTIONS IF TANK CAR OR TRUCK IS INVOLVED IN FIRE. IF WATER POLLUTION OCCURS, NOTIFY APPROPRIATE AUTHORITIES.