

JAD CHEMICAL CO. INC. -- MA-110 RTU -- 6850-01-370-5245

=====
Product Identification
=====

Product ID:MA-110 RTU
MSDS Date:05/30/1997
FSC:6850
NIIN:01-370-5245
MSDS Number: CJJNH
=== Responsible Party ===
Company Name:JAD CHEMICAL CO. INC.
Box:6786
City:RANCHO PALDS VERDES
State:CA
ZIP:90734
Country:US
Info Phone Num:310-833-7457
Emergency Phone Num:310-833-7457
Preparer's Name:DENNIS E. MCEWAN
C
hemtre Ind/Phone:(800)424-9300
CAGE:0KRV1
=== Contractor Identification ===
Company Name:JAD CHEMICAL CO. INC.
Address:34 MIRALESTE PLZ
Box:City:PALOS VERDES PENINSULA
State:CA
ZIP:90274-6586
Country:US
Phone:310-833-7457 /FAX: 310-543-3240
CAGE:0KRV1

=====
Composition/Information on Ingredients
=====

Ingred Name:NON-HAZARDOUS INGREDIENTS
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED

=====
Hazards Identification
=====

Routes of En

try: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS: RESPIRATORY TRACT AND LUNGS. ACUTE - EYE CONTACT: MAY CAUSE SLIGHT TEMPORARY EYE IRRITATION. CORNEAL INJURY IS UNLIKELY. NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION. SKIN CONTACT: NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION. INHALATION: BELIEVED TO BE MINIMALLY IRRITATING. SWALLOWED: AMOUNTS INGESTED INCID

ENTAL TO

INDUSTRIAL HANDLING ARE NOT LIKELY TO CAUSE INJURY; HOWEVER, INGESTION OF LARGER AMOUNTS MAY CAUSE INJURY. CHRONIC - NO CHRONIC EFFECTS ARE KNOWN TO RESULT FROM EXPOSURE TO COMPONENTS OF THIS PRODUCT.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Medical Cond Aggravated by Exposure:NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

===== First Aid Measures =====

First Aid:BREATHED: REMOVE VICTIM TO

FRESH AIR AT ONCE. IF NOT

BREATHING, GIVE MOUTH-TO-MOUTH RESUSCITATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP VICTIM WARM AND AT REST. GET IMMEDIATE MEDICAL ATTENTION. EYES: WASH EYES IMMEDIATELY WITH RUNNING WATER FOR AT LEAST 15 MINUTES. USE FINGERS TO KEEP EYELIDS APART. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. SKIN: WASH SKIN IMMEDIATELY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF ILL EFFECT OR IRRITATION DEVELOPS. SWALLOWED: DO NOT INDUCE VOMITING

. IF VICTIM

IS CONSCIOUS, GIVE LARGE AMOUNT OF WATER. DO NOT ATTEMPT TO GIVE FLUIDS TO UNCONSCIOUS VICTIM. GET IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:>93.3C, 200.F

Autoignition Temp:>93.3C, 200.F

Lower Limits:NO

Upper Limits:NO

Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE, WATER SPRAY FOG.

Fire Fighting Procedures:WEAR GOGGLES AND SELF-CONTAINED BREATHING APPARATUS. USE WATER

ER TO KEEP FIRE-EXPOSED CONTAINERS COOL AND TO
FLUSH SPILLS AWAY FROM FIRE. IN THE CASE OF LARGE FIRES ALSO COOL
SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

===== Accidental Release Measures =====

Spill Release Procedures:SMALL SPILL: MOP OR SWEEP UP SPILLED MATERIAL
AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS. FLUSH SPILL AREA
TO SEWER WITH WATER. LARGE SPILL: SHOVEL SPILLED MATERIAL INTO
DOT-APPROVED WASTE CONTAINERS FOR DISPOSAL.

=

===== Handling and Storage =====

Handling and Storage Precautions:TRAIN ALL EMPLOYEES ON ALL SPECIAL
HANDLING PROCEDURES. STORE PRODUCT IN A COOL SHADED LOCATION. KEEP
CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM DIRECT SUN.

Other Precautions:EMPTY CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS,
LIQUID). DO NOT CUT, GRIND, WELD, OR DRILL ON OR NEAR THIS
CONTAINER. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING VAPORS OR
MISTS. DO NOT GET IN

EYES, ON SKIN OR ON CLOTHING. AVOID
INGESTION. GROUND ALL EQUIPMENT. WASH THOROUGHLY AFTER USING.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW
EXPOSURE GUIDELINES. WHEN RESPIRATORY PROTECTION IS REQUIRED, USE
NIOSH APPROVED CANISTER TYPE RESPIRATOR. IN CONFINED/POORLY
VENTILATED AREA OR FOR EMERGENCY AND OTHER CONDITIONS WHERE
GUIDELINES MAY BE EXCEEDED, USE APPROVED POSITIVE PRESSURE

RE
SELF-CONTAINED BREATHING APPARATUS.

Ventilation:USE MECHANICAL VENTILATION, IF NECESSARY. LOCAL EXPLOSION
PROOF EXHAUST VENTILATION MAY BE NECESSARY FOR SOME OPERATIONS

Protective Gloves:IMPERMEABLE GLOVES

Eye Protection:NO CONTACT LENSES. USE SAFETY GLASSES,CHEMICAL GOGGLES
OR FACE SHIELD

Other Protective Equipment:SAFETY SHOWERS, EYE WASH AND PROPER FIRE
EXTINGUISHERS. USE PROTECTIVE CLOTHING, BOOTS, APRON, OR FULL-BODY
SUIT.

Work Hygienic Practices:OBSERVE GOOD INDUSTRI

AL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. WASH BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

SS22110

===== Physical/Chemical Properties =====

HCC:V5

Boiling Pt:>93.3C, 200.F

Melt/Freeze Pt:M.P/F.P Text:NO

Vapor Pres:N/D

Spec Gravity:1.004

pH: