MATERIAL SAFETY DATA SHEET

SECTION I — PRODUCT INFORMATION

PH3079

PTM & W INDUSTRIES, INC. **PHONE NUMBER: (562)946-4511**
10640 S. PAINTER AVE. ***CHEMICAL TRANSPORTATION EMERGENCY:***
SANTA FE SPRINGS, CA. 90670-4092 **CHEMTREC (800) 424-9300**

DATE OF PREPARATION: 6/7/2006 SUPERSEDES: 5/7/1997

PROPER SHIPPING NAME .... : Corrosive Liquid, N.O.S.
CONTAINS ..... : MODIFIED AMINE MIXTURE
HAZARD CLASS..... : 8
UN NUMBER ..... : UN1760
PACKAGING GROUP..... : III
HAZARD LABEL(S) ..... : Corrosive

HMIS CODES:	RATINGS:	
HEALTH..... = 3	0 = MINIMAL	3 = SERIOUS
FLAMMABILITY ..... = 1	1 = SLIGHT	4 = SEVERE
REACTIVITY..... = 0	2 = MODERATE	

⇒ PERSONAL PROTECTION RATING TO BE SUPPLIED BY USER DEPENDING ON USE CONDITIONS.

SECTION II — PRODUCT/COMPOSITION

THE PRECISE COMPOSITION OF THIS PRODUCT IS PRIVILEGED INFORMATION. A MORE COMPLETE DISCLOSURE CAN BE PROVIDED TO A HEALTH, SAFETY, OR REGULATORY PROFESSIONAL IF REQUIRED.

NO.	COMPONENT	CAS. NO.	PERCENT
P	MODIFIED AMINE MIXTURE	N.A.	< 100%

SECTION III — HAZARD STATUS

NO.	CANCER	REPRO-TOX	TARGET ORGANS	ACGIH/TLV	OSHA/PEL
P	NO	NO	UNKNOWN	N.A.mg/M^3	N.A.mg/M^3

SECTION IV — REGULATORY STATUS

A. CAL SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986

NO.	CHEMICAL NAME	CAS. NO.	CANCER/REPRO.TOX	QUANTITY

THIS PRODUCT MAY CONTAIN TRACES OF, OR OTHER PROP. 65 LISTED CHEMICALS AS IMPURITIES. HOWEVER, NONE ARE USED AS INGREDIENTS.

B. CERCLA — 40 CFR 302

RELEASES EXCEEDING THE REPORTABLE QUANTITY **(RQ)** MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER. (800)424-8802

RQ = 100 lbs. (UNLISTED HAZARDOUS WASTE — CHARACTERISTIC OF CORROSIVITY)

C. OSHA — 29 CFR 1910

ACCORDING TO OSHA CRITERIA THE FOLLOWING COMPONENT(S) ARE HAZARDOUS:

P	MODIFIED AMINE MIXTURE	N.A.	< 100%

D. RCRA — 40 CFR 261

PRODUCT IS AN UNLISTED RCRA CORROSIVE WASTE.

E. SARA TITLE III — 52 CFR 13378, 52 CFR 21152

NO.	RQ(lbs.) (•1)	TPQ(lbs.) (•2)	SEC.313 (•3)	313 CAT. (•4)	311/312 (•5)
P	NONE	NOT LISTED	NOT LISTED	NONE	H1

OTHER SARA SUBSTANCE(S) IF PRESENT ARE ALL BELOW THE DE MINIMUS CONCENTRATION(S).

•1 = REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE, SEC. 302
•2 = THRESHOLD PLANNING QUANTITY, EXTREMELY HAZARDOUS SUBSTANCE, SEC. 302
•3 = TOXIC CHEMICAL, SEC. 313 (INDIVIDUAL CHEMICAL LISTED)
•4 = TOXIC RELEASE INVENTORY FORM CATEGORY SEC. 313 (40 CFR 372.65 C)
•5 = HAZARD CATEGORY FOR SARA SEC. 311/312 REPORTING
H1 = IMMED. (ACUTE) HEALTH HAZARD **H2** = DELAYED (CHRONIC) HEALTH HAZARD
P3 = FIRE HAZARD **P4** = SUDDEN PRESSURE RELEASE HAZARD **P5** = REACTIVE HAZ.

F. TSCA — 44 CFR 59764

ALL COMPONENTS LISTED.

G. VOC — SCAQMD RULES

NO.	CHEMICAL	QUANTITY	VP mm HG	gms./l. @ 20ºC
	NIL			

NOTE: THIS PRODUCT DOES NOT CONTAIN SOLVENTS, BUT MAY CONTAIN INGREDIENTS WITH VP'S LOW ENOUGH TO BE EMITTED IF HEATED ALONE. WHEN 2 PART RESINS AND HARDENERS ARE PROPERLY MIXED TOGETHER THESE INGREDIENTS REACT TOGETHER AND ARE CONSUMED WITHOUT SIGNIFICANT ATMOSPHERIC EMISSIONS.

SECTION V — PHYSICAL DATA

PHYSICAL STATE .....: LIQUID
COLOR.....: AMBER
SP. GR. .....: 1.01
DENSITY.....: 8.4 lbs./gal.

SECTION VI — FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : ≅ 212°F (FOR PRODUCT OR LOWEST FLASH POINT INGREDIENT)
FLAMMABILITY CLASSIFICATION: COMBUSTIBLE CLASS (IIIB)
EXTINGUISHING MEDIA: WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, OR FOAM.
NOTE: EITHER ATMOSPHERE-SUPPLY OR AIR-PURIFYING RESPIRATORS SHOULD BE AVAILABLE FOR FIRE FIGHTERS (20 CFR 1910.134).

SECTION VII — HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

ACUTE:

- **EYES:** CAUSES SEVERE CONJUNCTIVAL IRRITATION, CORNEAL INJURY AND IRITIS.
- **SKIN:** MAY CAUSE IRRITATION, BURNS, ULCERATION, OR SKIN SENSITIZATION.
- **INHALATION:** VAPORS ARE IRRITATING AND MAY CAUSE TEARS, BURNING OF NOSE AND THROAT, COUGHING, WHEEZING, NAUSEA, AND VOMITING.
- **INGESTION:** MODERATELY TOXIC, MAY CAUSE MOUTH AND THROAT BURNS, ABDOMINAL PAIN, NAUSEA, VOMITING, WEAKNESS, THIRST, AND COMA.

CHRONIC:

- AMINE VAPORS MAY CAUSE LIVER & KIDNEY INJURY. EYE, SKIN OR LUNG DISORDERS MAY DEVELOP OR BE AGGRAVATED BY AMINES.

EMERGENCY AND FIRST AID PROCEDURES:

- **EYES**: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.
- **SKIN:** WASH AFFECTED AREA IMMEDIATELY WITH LARGE AMOUNTS OF SOAP AND WATER. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. CONTACT A PHYSICIAN IF IRRITATION OCCURS.
- **INHALATION:** REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.
- **INGESTION:** DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VIII — REACTIVITY DATA

- **STABILITY:** STABLE UNDER NORMAL STORAGE CONDITIONS. UNSTABLE AT ELEVATED TEMPERATURES.
- **INCOMPATIBILITY:** STRONG OXIDIZING AGENTS, STRONG LEWIS OR MINERAL ACIDS.
- **HAZARDOUS DECOMPOSITION PRODUCTS:** OXIDES OF CARBON AND NITROGEN AND OTHER UNKNOWN ORGANIC COMPOUNDS.

SECTION IX — SPILL OR LEAK PROCEDURES

- **IF MATERIAL IS SPILLED:** AVOID CONTACT WITH MATERIAL. PERSONS NOT WEARING PROPER PROTECTIVE EQUIPMENT (SEE BELOW) SHOULD BE EXCLUDED FROM THE AREA UNTIL CLEAN UP IS COMPLETE. DIKE AREA TO PREVENT SPILL SPREADING AND SCOOP UP EXCESS TO RECOVERY CONTAINERS. ABSORB REMNANT ON NONCOMBUSTIBLE MATERIAL SUCH AS CLAY AND SHOVEL INTO CONTAINERS FOR DISPOSAL.
- **WASTE DISPOSAL METHOD:** DISPOSE OF WASTE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION X — SPECIAL PROTECTION INFORMATION

- **RESPIRATORY PROTECTION:** NOT NORMALLY NECESSARY UNLESS THE MATERIAL IS BEING USED IN SUCH A WAY AS TO PRODUCE DUST, MIST, VAPOR, FUMES, OR SMOKE, IN WHICH CASE NIOSH APPROVED RESPIRATORY PROTECTION SHOULD BE USED.
- **VENTILATION:** SHOULD BE SUFFICIENT TO CONTROL ANY DUST, MIST, VAPOR OR FUMES PRODUCED BY PROCESSING OR HANDLING METHOD. BREATHING OF VAPOR MUST BE AVOIDED.
- **HAND PROTECTION:** IMPERVIOUS GLOVES, NEOPRENE OR RUBBER GLOVES.
- **EYE PROTECTION:** SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.
- **OTHER PROTECTIVE EQUIPMENT:** CLEAN, BODY COVERING CLOTHING AND FOOTWEAR.

SECTION XI — SPECIAL PRECAUTIONS

- AVOID SKIN AND EYE CONTACT.
- AVOID BREATHING VAPOR, MIST OR FUMES.
- ENSURE THAT ALL CONTAINERS ARE PROPERLY LABELED TO PREVENT ACCIDENTAL INGESTION OR IMPROPER DISPOSAL.
- RESEAL PARTLY USED CONTAINERS.
- WASH WITH SOAP AND WATER BEFORE EATING, DRINKING OR USING TOILET FACILITIES.
- STORE UNDER COOL, DRY CONDITIONS AND AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.
- OBSERVE CONDITIONS OF GOOD INDUSTRIAL HYGIENE AND SAFE WORKING PRACTICE.

We believe that the information contained herein is correct as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of this product are not within the control of PTM & W, it is the user's obligation to determine the conditions of safe use of the product.

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