

WESTERN CHEMICAL CO/WATER MANAGEMENT INC -- CORAVOL 1903,83580 -- 6850-01-434-6518  
===== Product Identification =====

Product ID:CORAVOL 1903,83580

MSDS Date:06/27/1991

FSC:6850

NIIN:01-434-6518

MSDS Number: CFRKW

=== Responsible Party ===

Company Name:WESTERN CHEMICAL CO/WATER MANAGEMENT INC

Address:1345 TANEY

City:NORTH KANSAS CITY

State:MO

ZIP:64116-4414

Country:US

Info Phone Num:816-842-0560

Emergency Phone Num:816-842-0560/800-424-9300(CHEMTREC)

Preparer's Name:F. HOPKINS

CAGE:08824

=== Contractor Identification ===

Company Name:WESTERN WATER MANAGEMENT/WESTERN CHEMICAL CO

Address:1345 TANEY

Box:City:NORTH KANSAS CITY

State:MO

ZIP:64116-4414

Country:US

Phone:816-842-0560

CAGE:08824

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

Ingred Name:MORPHOLINE

CAS:110-91-8

RTECS #:QD6475000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 20 PPM

ACGIH TLV:S, 20 PPM; 9596

Ingred Name:2-DIETHYLAMINOETHANOL

CAS:100-37-8

RTECS #:KK5075000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 10 PPM

ACGIH TLV:S, 2 PPM; 9596

Ingred Name:CYCLOHEXYLAMINE (SARA 302)

CAS:108-91-8

RTECS #:GX0700000

Fraction by Wt: 144F,>62C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE (CO2), ALCOHOL FOAM  
OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS. USE WATER

SPRAY TO DISPERSE  
VAPORS.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE DUE TO VAPOR  
PRESSURE BUILDUP. TOXIC GASES MAY BE FORMED.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES  
OF IGNITION. VENTILATE AREA. PICK UP SPILL WITH INERT ABSORBENT  
SUCH AS SAND, EARTH, VERMICULITE. PLACE IN AN APPROPRIATE CONTAINER  
FOR DISPOSAL. AVOID SPI LLS FROM ENTERING SEWERS OR WATERWAYS.

Neutral  
izing Agent:ACETIC ACID

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA AWAY  
FROM OPEN FLAMES AND INCOMPATIBLES.

Other Precautions:WARNING! CORROSIVE. AVOID BREATHING VAPORS OR MISTS.  
AVOID EYE OR SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING  
OR DRINKING AND AFTER HANDLING. EMPTY CONTAINER RETAINS RESIDUE.  
FOLLOW ALL LABEL INSTRUCTIONS.

===== Exposure Controls/Personal Protecti  
on =====

Respiratory Protection:NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED OR  
FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR  
RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A  
NIOSH-APPROVED POSITIVE-PRES SURE SELF-CONTAINED BREATHING  
APPARATUS.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR  
VAPOR LEVELS AS LOW AS POSSIBLE.

Protective Gloves:RUBBER, NEOPRENE

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Othe  
r Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND  
IMPERVIOUS CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:B2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:206F,97C

Spec Gravity:0.992

pH:>11

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH AN AMINE (FISHY) ODOR

Percent Volatiles

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS (NITRITES COULD PRODUCE CARCINOGENIC NITROSAMINES), STRONG ACIDS

Stability Condition to Avoid: HEAT, OPEN FLAMES, SPARKS

Hazardous Decomposition Products: NITROGEN OXIDES, CARBON MONOXIDE, CARBON DIOXIDE, AMINATED DIETHYLENE GLYCOL, ACETALDEHYDE, FORMALDEHYDE

===== Disposal Considerations =====

Waste Disposal

Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATION, REUSE OR RECYCLING IS RECOMMENDED. REPORTABLE QUANTITY (RQ): 10 POUNDS.

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