



CHRONIC: NO ANTICIPATED CHRONIC EFFECTS.

Explanation of Carcinogenicity: THIS PRODUCT DOES NOT CONTAIN REGULATED LEVELS OF NTP, IARC, ACGIH OR OSHA LISTED CARCINOGENS.

Effects of Overexposure: SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure: NO KNOWN EFFECTS ON OTHER ILLNESSES.

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

First Aid: EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL PHYSICIAN. SKIN: WASH AFFECTED AREA WITH SOAP & WATER. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING IF NECESSARY. KEEP WARM AND QUIET. CALL PHYSICIAN. INGESTION: IF PERSON CAN SWALLOW GIVE ONE GLASS OF WATER OR MILK. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method: COC  
Flash Point: >204.4C, 400.F  
Autoignition Temp: Autoignition Temp Text: N/APP  
Lower Limits: NOT APPLICABLE  
Upper Limits: NOT APPLICABLE  
Extinguishing Media: WATER SPRAY, FOAM DRY CHEMICAL OR CARBON DIOXIDE.  
Fire Fighting Procedures: PERSONS EXPOSED TO PRODUCTS OF COMBUSTION SHOULD WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.  
Unusual Fire/Explosion Hazard: NONE KNOWN. HAZARDOUS COMBUSTION PRODUCT: INCOMPLETE COMBUSTION CAN YIELD LOW MOLECULAR WEIGHT HYDROCARBONS, CARBON MONOXIDE, NITROGEN COMPOUNDS.

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

Spill Release Procedures: WEAR RUBBER GLOVES AND WIPE UP WITH ABSORBENT MATERIAL. RESIDUE MAY BE REMOVED WITH A CHLORINATED SOLVENT.

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

Handling and Storage Precautions: AVOID SKIN CONTACT WITH PRODUCT AT ALL TIMES. CONSULT THE TECHNICAL DATA SHEET FOR SPECIFIC STORAGE INSTRUCTIONS.

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

Respiratory Protection: NOT NORMALLY REQUIRED. USE NIOSH APPROVED RESPIRATOR IF CONDITIONS WARRANT.  
Ventilation: GENERAL DILUTION VENTILATION  
Protective Gloves: RUBBER GLOVES.  
Eye Protection: ANSI APPROVED CHEMICAL SAFETY GOGGLES AND FULL FACESHIELD.  
Other Protective Equipment: EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA.  
Work Hygienic Practices: APPROPRIATE PROTECTIVE CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
PHYSICAL/CHEMICAL INFORMATION (CONT'D): ODOR THRESHOLD: NOT ESTABLISHED. PERCENT SOLIDS BY WEIGHT: 100. WATER/OIL PARTICLE COEFFICIENT: NOT ESTABLISHED. WEIGHT PER GALLON: 8.11.

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

Vapor Density: NOT ESTABLISHED  
Specific Gravity: 0.97  
Appearance and Odor: DARK AMBER LIQUID; MILD AMMONIA ODOR.

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

Stability Indicator/Materials to Avoid: YES  
NOT ESTABLISHED.  
Stability Condition to Avoid: STABLE.  
Hazardous Decomposition Products: NITROGEN COMPOUNDS.  
Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information: DIETHYLENE TRIAMINE: LD50: 1080 MG/KG (ORAL, RAT). LC50: NO DATA FOUND. VAPOR PRESSURE, IN MM HG @ 20C: LESS THAN 1 (SKIN). TETRAETHYLENEPENTAMINE: LD50: NO DATA FOUND. LC50: NO DATA FOUND. GLYCERIN, AS MIST: LD50: NO DATA FOUND. LC50: NO

DATA FOUND.

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Ecol ogi cal I n f o r m a t i o n  
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Ecol ogi cal : NO DATA AVAI LABLE.

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Di sposal Consi derati ons  
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Waste Di sposal Methods: THI S PRODUCT DOES NOT MEET RCRA DEFINI TI ON OF  
CORROSI VE WASTE. CONSULT STATE, LOCAL, PROVI NCI AL OR FEDERAL  
AUTHORI TI ES FOR DI SPOSAL RECOMMENDATI ONS.

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MSDS Transport I n f o r m a t i o n  
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Transport I n f o r m a t i o n: D. O. T. PROPER SHI PPI NG NAME: CORROSI VE LI Q.  
N. O. S. D. O. T. HAZARD CLASS/ID CODE: 8, UN1760. D. O. T. LABEL:  
NONE (LI MI TED QUANTI TY). D. O. T. PACKAGI NG GROUP: III.

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Regul atory I n f o r m a t i o n  
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SARA Ti tle III I n f o r m a t i o n: SECTI ON 313: THI S PRODUCT DOES NOT CONTAI N  
REGULATED LEVELS OF ANY TOXI C CHEMI CAL SUBJECT TO REPORTI NG  
REQUI REMENTS OF SECTI ON 313 OF TI TLE III OF SUPERFUND AMENDMENTS &  
REAUTHORI ZATI ON ACT OF 1986 (S ARA) AND 40 CFR PART 372.

Federal Regul atory I n f o r m a t i o n: TOXI C SUBSTANCES CONTROL ACT (TSCA):  
SECTI ON 8(B)-I NVENTORY STATUS. ALL COMPONENTS OF PRODUCT ARE  
REGI STERED UNDER REGULATI ONS OF TSCA. SEC 12(B): EXPORT NOTI CE  
REQUI REMENTS: THI S PRODUCT CONTAI NS CHE MI CAL SUBSTANCE CURRENTLY  
ON EPA' S SECTI ON 12(B) EXPORT LI ST. WITHI N 7 DAYS OF ENTERI NG I NTO  
A CONTRACT TO EXPORT & CERTAI NLY NO LATER THAN THE DAY OF EXPORT,  
THE AGENT OF EXPORT MUST NOTI FY THE EPA O F THEI R I NTE NT. CONTACT  
H. B. FULLER TSCA COMPLIANCE MGR @ (612) 481-4816 FOR THE I DENTI TY OF  
THE SECT I ON 12(B) CHEMI CAL(S). WHI M S I DENTI FI CATI ON/OTHER  
I NTERNATI ONAL REGULATI ONS: D2B, E.

State Regul atory I n f o r m a t i o n: CALI FORNI A PROPOSI TI ON 65: PROPOSI TI ON 65,  
THE SAFE DRI NKI NG WATER AND TOXI C ENFOR Ú AAÚ — Q Ú AAADNFOI AAa ) A f)q Af —Aq f Aq —º) Q —fA —AQ A Ú• f Aq A D†