

*cc Carol Wanko
maint MSDS Books*



08/01/91

DEPARTMENT OF PURCHASE
214 PARK AVE
SYRACUSE, NY 13204

ATTENTION: MR. CARL VERZILLO

GENTLEMEN:

ENCLOSED FIND CHEMTREAT PRODUCT SAFETY DATA SHEETS FOR THOSE MATERIALS CURRENTLY PURCHASED BY YOUR FACILITY. THESE DATA SHEETS HAVE BEEN PREPARED IN ACCORDANCE WITH THE HAZARDOUS COMMUNICATIONS ACT AND ARE DESIGNED TO CONFORM TO THE STRICTEST STATE AND LOCAL REQUIREMENT.

FOLLOWING PRODUCTS:

PRODUCT	PRODUCT	PRODUCT
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BL1547		

PLEASE FORWARD THESE SHEETS TO THE PERSON IN YOUR ORGANIZATION MOST RESPONSIBLE FOR WORKER SAFETY.

WE APPRECIATE YOUR COOPERATION IN THIS MATTER.

VERY TRULY YOURS,
John A. Nygren
JOHN A. NYGREN
VICE PRESIDENT
TECHNICAL DIRECTOR
CHEMTREAT, INC.

ENCLOSURES



HOME OFFICE: 500 LICKINGHOLE ROAD
ASHLAND, VA. 23005-3294 • (804) 798-3231

PRODUCT SAFETY DATA SHEET

SECTION I

TRADE NAME CHEMTREAT BL-1547	EMERGENCY TELEPHONE NO. (804) 257-7792
CHEMICAL NAME AND SYNONYMS Cyclohexylamine	

SECTION II HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENT(S)	CAS NO.	%	ORAL LD ₅₀	DERMAL LD ₅₀	TLV (Units)
Cyclohexylamine	108-91-8	>1	710 mg/kg (Rats)	320 mg/kg (Rabbits)	10 ppm (Skin) ACGIH

SECTION III PHYSICAL DATA

BOILING POINT (°F)	205	SPECIFIC GRAVITY (H ₂ O = 1) at 20°C	~0.96
VAPOR PRESSURE (mm Hg.) at 20°C	Unknown	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR=1)	Unknown	EVAPORATION RATE ()	Unknown
SOLUBILITY IN WATER	100%	pH at 20°C	~12.9
APPEARANCE AND ODOR	Clear colorless to light yellow liquid. Amine odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	>115°F (PMCT)	FLAMMABLE LIMITS % by Vol.	NE	Lel	NE	Uel	NE
EXTINGUISHING MEDIA	Water, CO ₂ , Dry Chemical, Foam						
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear full protective clothing including a NIOSH approved self-contained breathing apparatus.						
UNUSUAL FIRE AND EXPLOSION HAZARDS	Combustion/decomposition of product can emit carbon monoxide, carbon dioxide, ammonia, nitric oxides and/or hydrogen cyanide.						

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type)	When TLV is exceeded, wear NIOSH approved self-contained respirator. For Example: MSA Comfo II Green Cartridge #TC-23C-43.
EYE PROTECTION Chemical splash goggles	SKIN PROTECTION Rubber gloves, apron, and boots
VENTILATION Local exhaust	OTHER PROTECTION Eye wash fountain and safety shower.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not get on skin, eyes, or clothing. Do not breathe vapor or mist. Do not ingest.
Wash thoroughly after handling. Remove and wash contaminated clothing promptly. Combustible.

OTHER PRECAUTIONS

Keep container securely closed when not in use. Use with adequate ventilation.
Keep away from heat and oxidizers. Label precautions also apply to empty container. Recondition or dispose of empty containers in accordance with government regulations. Vapors of this product can travel long distances and be ignited by an ignition source.

SECTION X MISCELLANEOUS DATA

NIF - No Information Found

NA - Not Available

NE - Not Established

D.O.T. Class: "Corrosive Material"

UN/NA Number: NA 1760

This product does not contain any components listed as a carcinogen by IARC, NTP, OSHA or ACGIH.

If this product contains a toxic chemical, subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372, it is listed in Section II of this Material Safety Data Sheet followed by two asterisks (**).

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, CHEMTREAT, INC. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will CHEMTREAT, INC. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information. NO REPRESENTATION OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.

John A. Nygren/Technical Director

BL-1547

PREPARED BY



DATE

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2/23/89