

LAKELAND

CHEMICAL SPECIALTIES, INC.

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MATERIAL SAFETY DATA SHEET

DATE ISSUED 03/06

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: B-5435

CHEMICAL NAME: DIETHYLAMINOETHANOL/WATER

CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/CORROSION INHIBITOR

SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	CEILING	PEL
DIETHYLAMINOETHANOL	50	100-37-8	10ppm	10PPM (SKIN)

SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT	212°	MELTING POINT:	NA
SOLUBILITY IN WATER	100%	VAPOR PRESSURE (mm Hg):	NA
pH	11	VAPOR DENSITY (AIR = 1):	NA
SPECIFIC GRAVITY	1	WATER REACTIVE:	NO
APPEARANCE/ODOR	CLEAR LIQUID AMMONIA ODOR	DOT SHIPPING NAME	CORROSIVE LIQUID. N.O.S (DIETHYLAMINOETHANOL) 8, UN1760, PGII

SECTION 4 : FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 130° CLCP

EXTINGUISHER MEDIA: WATER, ALCOHOL FOAMS, CO₂, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES AVOID SKIN AND EYE CONTACT. WEAR HEAD AND BODY PROTECTION IF
EXPOSURE IS POSSIBLE. GUARD AGAINST AMMONIA TYPE VAPORS IF PRODUCT IS HEATED.

SECTION 5: REACTIVITY HAZARD DATA

STABILITY X STABLE UNSTABLE PRECAUTIONS NA

INCOMPATIBILITY (MATERIALS TO AVOID):

CONTACT WITH STRONG ACIDS AND OXIDIZERS MAY GIVE VIOLENT REACTION.

HAZARDOUS DECOMPOSITION PRODUCTS: WHEN BURNED: NH₄, CO₂, CO, HYDROCARBONS

HAZARDOUS POLYMERIZATION OCCURS X DOES NOT OCCUR

Section 6: HEALTH HAZARD DATA - PROTECTIVE MEASURES - FIRST AID

MOST LIKELY ROUTE OF ENTRY:

SKIN: STRONG IRRITANT, POSSIBLE SENSITIZER, CAN CAUSE CORRISSON.
WEAR PROTECTIVE GLOVES AND,IF NECESSARY, COMPLETE BODY PROTECTION.
PROVIDE CONVENIENT SAFETY SHOWERS. REMOVE CONTAMINATED CLOTHING.FLUSH
SKIN THOROUGHLY WITH WATER FOR 15 MINUTES.

EYES: CORROSIVE. CAUSES BURNS AND POSSIBLE BLINDNESS.
WEAR SPLASH-PROOF GOGGLES
PROVIDE CONVENIENT EYE WASH STATION
FLUSH IMMEDIATELY WITH WATER FOR ATLEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION.

INHALATION: IRRITANT.
WEAR NIOSH APPROVED AMMONIA-TYPE RESPIRATOR IF EXPOSURE IS LIKELY
REMOVE TO FRESH AIR. GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSISTS

INGESTION: MAY CAUSE NAUSEA.
WEAR FACE SHIELD IF NEEDED.
AVOID SWALLOWING.RINSE MOUTH. DRINK LOTS OF WATER.
GET MEDICAL ATTENTION IF EFFECT PERSISTS

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

IN THE EVENT OF SPILL OR RELEASE: REMOVE ALL IGNITION SOURCES, INCLUDING DOWNWIND.
TAKE UP SMALL SPILLS WITH ABSORBENT. LARGER SPILLS SHOULD BE CONTAINED BY DIKING OR OTHERWISE
AND COLLECTED FOR REUSE OR DISPOSAL. AVOID CONTACT WITH SKIN OR EYES. RESPONSE PERSONNEL
SHOULD USE EYE AND SKIN PROTECTION AND RESPIRATORS FOR AMMONIA IF NEEDED.

PRECAUTIONS FOR HANDLING AND STORAGE: KEEP AWAY FROM HEAT AND IGNITION SOURCES.
KEEP CONTAINER CLOSED. DO NOT STORE NEAR ACIDS. PRVIDE VENTILATION. CHECK DAILY FOR ANY LEAKS FROM
CONTAINERS, VESSELS, PUMPS AND PIPING, AND REMEDY AS NECESSARY.

WASTE DISPOSAL METHOD: CONSULT FEDERAL, STATE AND LOCAL AUTHORITIES FOR APPROVED DISPOSAL
PROCEDURES. QUALIFIES AS A RCRA HAZARDOUS WASTE

EMPTY CONTAINERS: TRIPLE RINSE BEFORE HANDLING AND DISPOSAL

OTHER PRECAUTIONS: NONE

SECTION 8: HMIS RATINGS

<u>3</u>	HEALTH	<u>0</u>	REACTIVITY
<u>2</u>	FLAMMABILITY	<u>H</u>	PERSONAL PROTECTION

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