



PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

N-TER

I. NAME

PRODUCT/TRADE NAME: N-TER
EPA REGISTRATION #: NONE
CHEMICAL NAME/Common Name:
N,N-Bis 2-(Omega-Hydroxypolyoxyethylene/Polyoxypropylene) Ethyl Alkylamine/alkoxylated fatty amine polymeric surfactant

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
N,N-Bis 2-(Omega-Hydroxypolyoxyethylene/Polyoxypropylene) Ethyl Alkylamine	68213-26-3	NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H2O = 1): 1.020
MELTING POINT: NA
VAPOR DENSITY (AIR = 1): NE
% VOLATILES BY VOL.: NE
ODOR: Mild
APPEARANCE: Clear Liquid
FLASH POINT/METHOD: 352 Deg. F PMCC
VAPOR PRESSURE (mmHg): .1 @ 20 C
SOLUBILITY IN H2O: Soluble

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Fog Foam Alcohol Foam
 CO2 Dry Chemical Other
FIRE FIGHTING PRECAUTIONS & HAZARDS:
Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing vapors and spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type

VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION
 Unstable May Occur Will Not Occur
AVOID: Oxidizers and Acids
HAZARDOUS DECOMPOSITION PRODUCTS: COx, NOx

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate personal and respiratory protective equipment. Absorb with inert material and place in an approved disposal container.
DECONTAMINATION: Treat spill area with detergent and water. Absorb with inert material. Place in disposal container and repeat procedure as necessary until area is clean.
ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.
DISPOSAL: Use DOT-approved disposal container and dispose of in an EPA Class I disposal facility.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD50 (rat) 1663 mg/kg (AKZO). Do not ingest. Wash thoroughly before eating or smoking. Do not store near feed or food.
SKIN ABSORPTION: Can be an irritant. Wear proper personal protective equipment to reduce skin contact.
EYE EXPOSURE: Can be an irritant. Wear proper eye protection to protect against splashes. If exposed, flush for a minimum of 15 minutes with water.
EFFECTS OF OVEREXPOSURE: May cause nausea. No known chronic effects. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.
FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water. Do not induce vomiting. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate for a minimum of 15 minutes with water. If inhaled, remove victim to fresh air, and

administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA - approved respirator for organic vapors for the exposures encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposures.
PERSONAL PROTECTIVE EQUIPMENT: Neoprene gloves, long-sleeved coveralls and chemical goggles. For manufacture, formulation and application operations, recommend a shower at the end of the work shift.
VENTILATION: Local exhaust ventilation recommended for manufacture and formulation. Store in a well-ventilated area.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. Do not store near open flame, sparks or other ignition.

XI. REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable
 Pressure Reactive None
SARA 313: Yes No Chemical:
SARA 302: Yes No Chemical:
TPQ:
CERCLA: Yes No Chemical:
RC:
RCRA: Yes No
NFPA HAZARD RATING: NFPA HAZARD RATING SCALE:
Health: [1] 0 = Minimal 3 = Serious
Fire: [1] 1 = Slight 4 = Severe
Reactivity: [0] 2 = Moderate
Special: []
HMIS CODES: HMIS HAZARD RATING SCALE:
Health: [1] 0 = Minimal 3 = Serious
Fire: [1] 1 = Slight 4 = Severe
Reactivity: [0] 2 = Moderate

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*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300

