



Material Safety Data Sheet

NC-145

SECTION 1 - IDENTIFICATION

NUR Chemicals & Engineering Co. L.L.C
 Amman-Jordan
 P.O. Box 926948, Amman-11190-Jordan
www.nurchemicals.com

EMERGENCY TELEPHONE NO.
 00962-6-4619988
 00962-6-4023995

Trade Name : **NC-145**
 Material Uses : Surfactant.
 Chemical Family : POLYAMINOETHER

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY

Physical State: Liquid	Color: clear	Odor: Amine like	
Hazardous Components	CAS NO.	Wt.%	PEL/STEL
Quaternary Amine	Proprietary	45-65	NE
#Zinc Chloride	7646-85-7	1	0.5mg/m3

denotes a chemical subject to the reporting requirement of SARA title III section 313 of 1986 and 40 CFR part 372.

SARA Title III Hazard Categories: NA

The components of this product are listed on the EPA/TSCA Inventory.

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point C : ND	Specific gravity (H2O=1): 1.19
Vapor Pressure (Pa.) : ND	Evaporation Rate : 1.3 Organic acid
Vapor Density g/cm3: ND	(butyl acetate=1)
PH : 8-9	Viscosity :> 785 CPS
Solubility in Water : SOLUBLE	
Appearance and odor: VISCOUS, AMBER LIQUID	

SECTION 4 – FIR & EXPLOSION DATA

Flash Point & Method	Flammable Limits:	LEL, %ND
> 93 C PMCC	Based on: NA	UEL, %ND

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FIRE HAZARDS:

This material may burn, but it does not readily ignite.

EXTINGUISHING MEDIA

Dry chemical, CO2, Water spray or foam. Move container from fire area if you can do so without risk. Apply cooling water to sides containers that are exposed until well after the fire is out.

SECTION 5 – PHYSICAL & CHEMICAL CHARACTERISTICS

Chemical Stability : STABLE
 Conditions to Avoid : NA
 Incapability (materials to avoid): STRONG OXIDIZERS
 Hazardous decomposition/byproducts: OXIDE OF CARBON & NITROGEN

Hazardous polymerization: WILL NOT OCCUR
 Hazard Rating Scale: Health: 3 Fire:1 Reactivity:0
 (4= severe, 3= serious, 2 =moderate, 1=slight, 0=minimal)

SECTION 6 – HEALTH HAZARDS**PRIMARY ROUTES OF ENTRY**

Inhalation: X absorption: X Ingestion: X Injection: NA

HEALTH HAZARDS:

Ingestion: Do not take internally. Small amounts not expected to be harmful, but large amounts could cause harm.

Inhalation: This product is not expected to be an inhalation hazard.

Eyes: Contact with eyes may cause irritation but is not expected to cause permanent damage.

Skin: Contact with skin may cause irritation but is not expected to cause blisters or have long-term effects.

EMERGENCY & FIRST AID PROCEDURES:

In case of eye contact, immediately flush with running water for at least 15 minutes. In case of skin contact, wash with soap and water. In case of ingestion, call a physician and dilute with water or induce vomiting as directed. In case of inhalation, remove to fresh

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air. If not breathing, give artificial respiration. Remove all contaminated clothing and laundry before rewearing.

IF CONDITIONS PERSIST, SEEK MEDICAL ATTENTION.

Carcinogenicity? NO NTP? NO IARC Monograph? NO OSHA Regulated? NO

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Shut off ignition sources. No flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapor; but it may not prevent ignition in closed areas. Take up spill with sand or other noncombustible absorbent material and place in containers for later disposal.

ALWAYS WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN ADDRESSING SPILL OR LEAK.

WASTE DISPOSAL METHOD:

Contact an EPA or State Approved Disposal Facility.

SECTION 8 – SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory protection (specify type): NIOSH APPROVED RESPIRATOR IF PEL IS EXCEEDED OR IF VAPORS OR MISTS CREATED.

Ventilation: Local Exhaust: Recommended General Exhaust: Recommended

Special: USE SCBA IN HIGH VAPOR CONCENTRATIONS.

Protective gloves: Chemical Resistant/Non-slip

Eye Protection: Chemical Safety Goggles/Safety Glasses

Other Protective Clothing or Equipment : Coveralls, Splash Aprons, Eye Wash, and Safety Shower

Work/Hygienic Practices: Clean up spills promptly, wash contaminated clothing

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SECTION 9 – SHIPPING DATA

Hazard Classification: 8

Labels Required: corrosive

Proper Shipping Name/Description:
Not regulated

ER guide No.: None

UN/NA No. : UN 3265

DOT RQ in lbs: NA

DOT RQ in gal: NA

Flash Point, F: 93 C <

PH: 4-6

Pkg. Group: III

IMDG Pg. No.: None

ABBREVIATION**NA=not applicable****ND=not determined****NE=not established**