

LUSTRA-NI® 242**SECTION I - IDENTIFICATION****24 HOUR EMERGENCY ASSISTANCE:**

413-452-2000 (Eastern Time) 8:00AM-5:00PM
800-424-9300 (OFF HOURS) CHEMTREC
703-527-3887 CHEMTREC INTERNATIONAL

HMIS HEALTH 1 (*=Chronic Hazard)
HMIS FLAMMABILITY 0
HMIS REACTIVITY 0
HMIS PROTECTION..... X (See Section 8)

HEATBATH CORPORATION

P.O. Box 51048
107 FRONT STREET
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PREPARED BY: DAVID NAGY
INFORMATION: 413-452-2000
DATE REVISED: 06/03/08 Rev1

PRODUCT NAME: LUSTRA-NI® 242

DESCRIPTION..... Chemical additive for electroless nickel baths.

SECTION II - HAZARDOUS INGREDIENTS

<u>HAZARDOUS INGREDIENT</u>	<u>CAS #</u>	<u>OSHA PEL(mg/m3)</u>	<u>ACGIH TLV(mg/m3)</u>
FORMALDEHYDE	50-00-0	PEL: 0.75 PPM STEL: 2 PPM	0.3 PPM
SODIUM SACHHARINE	128-44-9	N.E.	N.E.

N.E.=NOT ESTABLISHED

N.A.=NOT APPLICABLE

T.S.=TRADE SECRET

*OSHA-PEL and ACGIH-TLV are 8-Hour TWA unless otherwise noted.

*per CFR 29, Part 1910.1200; ingredients listed only if deemed hazardous and comprise 1% or greater of the composition (0.1% or greater for carcinogens).

SECTION III - PHYSICAL DATA

BOILING POINT: N.E. SPECIFIC GRAVITY (H2O=1): 1.12
VAPOR PRESSURE: N.E. MELTING POINT: N.A.
VAPOR DENSITY (AIR=1): N.E. EVAPORATION RATE: N.E.
SOLUBILITY IN WATER: Complete pH: 4-6
APPEARANCE: Clear to pale, amber liquid.

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: None. FLAMMABLE LIMITS: None.
LOWER FLAME LIMIT N.A. HIGHER FLAME LIMIT N.A.

IN CASE OF FIRE: Material is nonflammable. Use extinguishing media appropriate to surrounding conditions.

UNUSUAL FIRE HAZARDS: Toxic fumes may be released under thermal decomposition.

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE CONDITIONS TO AVOID: None known
INCOMPATIBLE MATERIALS: strong acids and strong oxidizers.
DECOMPOSITION PRODUCTS: oxides of carbon, oxides of nitrogen, and low molecular weight hydrocarbons.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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SECTION VI - HEALTH DATA

ROUTES OF ENTRY:eye/skin contact, inhalation, ingestion.

HEALTH HAZARDS (ACUTE, CHRONIC): CAUTION! May cause irritation to the eyes, skin, and mucous membranes. May cause irritation to the throat and gastrointestinal tract if swallowed. May cause respiratory tract irritation if inhaled. Contains Formaldehyde, which is a suspect human carcinogen.

CARCINOGENICITY: Formaldehyde **NTP?:** Suspect. **IARC?:** 2A **OSHA?:** Suspect.

SYMPTOMS OF EXPOSURE: eye and skin irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing eye, skin, gastrointestinal, and respiratory tract disorders may be aggravated by exposure.

FIRST AID: INHALATION: Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. EYES: Hold eyelids apart and flush with running water for at least 15 minutes. Get medical attention. SKIN: Wash affected area with soap and water. Remove contaminated clothing. If irritation or burns are present, get medical attention. INGESTION: If conscious, give plenty of water. Do not induce vomiting. Get medical attention.

SECTION VII – PRECAUTIONS / PROCEDURES

IN CASE OF SPILL: Contain spills with inert absorbant. Scoop up material into a chemical waste container. Wash area with water.

WASTE DISPOSAL METHOD: Dispose in accordance with federal, state and local regulations. Under the Resource Conservation and Recovery Act (RCRA) regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material should be classified as a hazardous waste.

PRECAUTIONS: Avoid contact with eyes, skin or clothing. Avoid breathing dust or mist from solutions. Use with adequate ventilation. Wear proper protective clothing when using this product. Wash thoroughly after handling. Product freezes @ 25° F.

OTHER PRECAUTIONS: Emptied containers of this product may contain hazardous vapors and residue. Clean thoroughly before reusing or discarding. Do not use a welding torch to cut container. Do not use for water or food storage.

SECTION VIII – SPECIAL PROTECTION

VENTILATION:..... maintain below PEL & TLV limits.

MECHANICAL EXHAUST..... use as required to maintain a well-ventilated area.

LOCAL EXHAUST..... use as required to maintain a well ventilated area.

RESPIRATORY PROTECTION: use NIOSH/OSHA approved respirator if dust, fumes or vapors are excessive.

PROTECTIVE GLOVES: rubber or other chemical resistant type.

EYE PROTECTION: safety glasses with side/brow shields and/or safety goggles.

OTHER PROTECTIVE EQUIPMENT ... chemical resistant apron, rubber boots, full cover work clothes, eye wash & safety shower.

WORK/HYGIENIC PRACTICES..... wash thoroughly after handling, launder clothes.

LUSTRA-NI® 242**SECTION IX – REGULATORY INFORMATION**

D.O.T. SHIPPING DESCRIPTION: See product container label for proper D.O.T. description.

SARA 311/312 HAZARDS:

Immediate (Acute)	True
Chronic*	True
Fire	False
Sudden Release-of-Pressure	False
Reactive	False

TSCA Status: All components within this product are listed on the TSCA Inventory.

* This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. Copying and redistribution of this MSDS must include this notification. Do not detach or separate this section from the above MSDS.

<u>HAZARDOUS COMPONENT</u>	<u>CERCLA RQ LBS.</u>	<u>SECT 302 TPQ LBS.</u>	<u>SECT 313* TOXIC</u>	<u>% by Wt.</u>
FORMALDEHYDE	100	500	YES	<1

MSDS Change History:

06/03/08 Rev1 Initial issue.

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