



"Tiny Solutions to Large Problems"

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1. Chemical Product and Company Identification

Nanoplas, Inc.

2140 Touhy Ave

Elk Grove Village, IL 60007

Tel: (847) 228-6050

Product Trade Name NANO INDOOR RP
CAS Number: Not applicable for mixtures.
Synonyms: None.
Generic Chemical Name: Mixture.
Product Type: Metal Protection, Rust preventive
Preparation/Revision Date
Transportation
Emergency Phone No: INFOTRAC: 1-800-535-5053 (outside the U.S. 1-352-323-3500)

SECTION 2 – COMPOSITION / INFORMATION OR INGREDIENTS

INGREDIENT	CAS	%VOL
MEA Borate	26038-87-9	Not Established

KLIngredients not precisely identified are proprietary or nonhazardous

SECTION 3 –HAZARDS IDENTIFICATION

Emergency overview:

Appearance: Clear Liquid
Physical State: Liquid
Odor: Characteristic

Hazards of product: DANGER! CAUSES EYE AND SKIN IRRITATION
ASPIRATION MAY CAUSE IRRITATION

Effects of Single Exposure:

Eyes: May cause severe irritation, redness, blurred vision.
Skin: May cause irritation.
Inhalation: Mist may irritate mucous membranes.
Ingestion: Moderately toxic. May cause abdominal discomfort, nausea, vomiting and diarrhea.

Effects of Repeated Exposure:

Eyes: Prolonged contact can cause severe irritation, redness, blurred vision.
Skin: Prolonged contact can cause dermatitis.
Inhalation: Mist can irritate mucous membranes.

Medical Conditions

Aggravated by Exposure: Skin contact may aggravate an existing dermatitis.

SECTION 4 – FIRST AID PROCEDURES

Exposure to Eyes: Immediately flush with copious amounts of water for at least 15 minutes. Do not remove contacts if worn. Consult physician immediately.

- Exposure to Skin: Immediately flush with copious amounts of soap and water for 15 minutes. Remove and launder contaminated clothing before reuse. If irritation persists, contact physician.
- Exposure by Inhalation: Remove to fresh air. If irritation persists, contact physician.
- Exposure by Ingestion: If patient is conscious and can swallow, give 2 glasses of water. Call physician or poison control immediately.
DO NOT INDUCE VOMITING.
- Note to physician: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (e.g., gastric lavage after endotracheal intubation).

SECTION 5 – FIRE FIGHTING MEASURES

- Flash Point & Method: > 200°F, Pensky-Martens Closed Cup. ASTM D 93
- Extinguishing Media: CO₂, Dry Chemical, BC/ABC Extinguishers.
- Unusual Fire and Explosion Hazards: None known
- Fire Fighting Procedures: Do not direct a solid stream of water or foam into hot, burning pools, this may cause frothing and increase fire intensity. Use self-contained breathing apparatus and body-covering protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Containment: Soak up with sand or sweeping compound and dispose as solid waste. To avoid gelling and foaming problems, do not use water to flush to industrial sewer.

SECTION 7 – HANDLING AND STORAGE

- Handling: Use good hygiene practices when handling product to avoid contact with eyes, skin and clothing.
- Storage: Keep container closed when not in use. Store between 50 – 100°F.

Other precautions Prevent skin and eye contact. Avoid breathing this material. Do not swallow.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Exposure Limits: None Established
- Personal Protection
- Respiratory Protection:** Not required.

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Ventilation:	Not required under normal use. Misting operations may require adequate ventilation.
Protective Gloves:	Impervious.
Eye Protection:	Chemical goggles.
Other Protective Equipment:	Wear protective clothing to prevent skin contact. Eyewash and safety showers in work area.

Engineering Controls: Surfactants can cause foaming problems in biological wastewater treatment plants and other high shear operations.
Process Hazard: Sudden release of hot organic chemical vapor or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into hot equipment under vacuum, may result in ignitions without the presence of obvious ignition sources. Published “auto ignition” or “ignition” temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated-temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance @ 70°F:	Clear liquid
pH (10% Aqueous):	10.0
Solubility in Water (by weight):	ND
Odor:	Characteristic
Flash Point:	>200°F ASTM D 93
Boiling Point:	285°F
Freezing Point:	ND
% Volatile:	0
Specific Gravity @ 25°C:	1.12
Vapor Pressure @ 25°C:	ND
Vapor Density (air=1):	ND
% Water (By Wt.):	0
Weight Per Gallon:	ND
% Solids:	60
Evaporation Rate (Butyl Acetate=1):	ND
Weight per gallon	9.33 lb/gal

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

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Hazardous Polymerization: Will not occur.
Incompatibility: Strong oxidizing agents / reducing agents.
Conditions to Avoid: Prolonged excessive heat may cause product decomposition.
Hazardous
Decomposition Products: Oxides of carbon, nitrogen and ammonia

SECTION 11 – TOXICOLOGICAL INFORMATION

Ingestion: LD₅₀ rat—1.58g/kg 14 days Slightly toxic 03/15/1979
Irritation: Rabbit Draize 72 hours Non-irritating 09/17/1979
Eye: Rabbit Draize 72 hours Practically nonirritating 09/17/1979

SECTION 12 – ECOLOGICAL INFORMATION

Environmental Fate: No data is available for this product.
Ecotoxicity: No data is available for this product

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation

SECTION 14 – TRANSPORTATION INFORMATION

Proper Shipping Name: Liquid Soap, N.O.S
DOT Hazard Class: None
ID Number: None
Packing Group: None

SECTION 15 – REGULATORY INFORMATION

Federal/National
TSCA: Listed
EINECS: Listed
Canada (DSL): Listed
Australia: Listed
China: Listed
Korea: Listed
OSHA: 29 CFR 1910.1200- Irritant (eye)
SARA TITLE III, Section 302, 304, 313: None
SARA TITLE III, Section 311, 312: Delayed Hazard – no
Immediate Health Hazard – yes
Fire – no
Pressure -- no
Reactivity -- no

CERCLA: None
WHMIS: Class D, Division 2 –Toxic



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WGK Number: WGK 1

State/Local

California Proposition 65: None

SECTION 16 – OTHER INFORMATION

The above data is for information purposes only and is accurate to the best of Colonial Chemical, Inc.’s knowledge. No guarantees or liabilities are expressed or implied. Colonial Chemical Inc. assigned HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, they must ensure that the proper personal protective equipment (PPE) is provided consistent with the information contained in the product MSDS. *

* This information is intended solely for the use of individuals trained in the particular hazard rating system.

HEALTH	2
FLAMIBILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B