

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: NuGenTec NR 11 Product Number: CIA201
CAS Number: Blend

Company Identification

NuGeneration Technologies, LLC www.nugentec.com
100 Professional Center Drive, Suite 101, Rohnert Park, CA 94928
(707) 820-4080 (For product information)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC: For emergencies)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Amount	CAS Number
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SODIUM NITRITE	40.0 %	7632-00-0

COMPOSITION COMMENT:

Contains Sodium Nitrite. Do not mix with amine based products.
This product contains hazardous materials as defined by the OSHA Hazard
Communication Standard 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

***** EMERGENCY OVERVIEW *****
* May cause skin or eye irritation after repeated or *
* prolonged contact. *

EYE: Contact may cause eye irritation.

SKIN: Prolonged or repeated contact may cause skin irritation.

INHALATION: No known hazards in normal industrial use.

INGESTION: May be harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE:

If exposed areas are flushed promptly and thoroughly with water, there
should be little or no harm. This product is completely soluble in water.

CHRONIC EFFECTS: Prolonged and/or repeated contact may produce mild to
moderate skin irritation or inflammation.

REPRODUCTIVE HAZARDS: No known reproductive hazards.

CARCINOGENICITY INFORMATION: No known cancer hazards.

MISCELLANEOUS: Poses little or no immediate hazard.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID: Hold eyelids apart and flush eyes with plenty of water for
at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID: Immediately wash skin with plenty of soap and water while
removing contaminated clothing and shoes. Get medical attention if irritation
develops or persists.

INHALATION FIRST AID: Not an expected route of exposure.

Remove from area of exposure. Seek immediate medical attention if
respiratory irritation or distress continues.

INGESTION FIRST AID: Give victim a glass of water or milk. Contact a
physician.

STATEMENT OF PRACTICAL TREATMENT:

Always have plenty of water available for first aid.

NOTES TO PHYSICIAN: Treat patient symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Autoignition Temperature: None
COC Flash Point: None TCC Flash Point: None
FLAMMABLE LIMITS IN AIR LEL: None UEL: None
EXTINGUISHING MEDIA: Will not burn.

FIRE & EXPLOSION HAZARDS: No known unusual hazards in a fire/explosion situation.

FIRE FIGHTING INSTRUCTIONS: Avoid breathing decomposition products.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL): Protect skin and eyes from exposure.
INITIAL CONTAINMENT: Wash area to prevent slipping.
LARGE SPILLS PROCEDURE:
Flush spill area with water to wastewater treatment system.
SMALL SPILLS PROCEDURE: Wash with water or absorb spills with inert material.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE
Minimum: 4.4 C (39.9 F) Maximum: 48.9 C (120.0 F)
HANDLING (PERSONNEL): Avoid contact with eyes, skin, and clothing.
HANDLING (PHYSICAL ASPECTS): Keep container closed to avoid contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No special ventilation requirements.
EYE / FACE PROTECTION REQUIREMENTS:
When splashing of the material may occur, chemical goggles and a face shield are recommended.
SKIN PROTECTION REQUIREMENTS: Wear protective gloves to minimize skin contact.
RESPIRATORY PROTECTION REQUIREMENTS:
Under normal use conditions, with adequate ventilation, no special handling equipment is required.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: yellow
ODOR: Mild
BOILING POINT: >212 F
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY: 1.310 (Water = 1)
BULK DENSITY: 10.9 % VOLATILES: 0 %
MELTING/FREEZING POINT ...: 32 F
PH: 9.0

10. STABILITY AND REACTIVITY

STABILITY: Stable.
POLYMERIZATION: Hazardous polymerization will not occur.
DECOMPOSITION: Decomposition will not occur if handled and stored properly.
CONDITIONS TO AVOID: This material is safe under normal storage and handling conditions.

11. TOXICOLOGICAL INFORMATION - No information available.

12. ECOLOGICAL INFORMATION - No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

CONTAMINATED MATERIALS: Wash contaminated clothing before reuse.

CONTAINER DISPOSAL: Clean out containers prior to disposal.

14. TRANSPORT INFORMATION

PRODUCT LABEL: NuGenTec NR 11
D.O.T. SHIPPING NAME: Non-Regulated Material
TECHNICAL SHIPPING NAME ...: Iron rust removing or preventing compound
other than petroleum, NOBIN - Liquid
D.O.T. HAZARD CLASS: Non-Hazardous
UN NUMBER: N/A PRODUCT RQ (LBS): 250
D.O.T. LABEL: NOBIN Non-Hazardous
D.O.T. PLACARD: N/A BULK CLASS: N/A
PACKAGE CLASS: 55

15. REGULATORY INFORMATION

As defined under Sara 311 and 312, this product contains materials that are chronic hazards.

EEC Symbols and Indications of Danger: None
Canadian Disclosure List SODIUM NITRITE (7632-00-0)
SARA Title III - Section 313 SODIUM NITRITE (7632-00-0)
CERCLA Hazardous Substances SODIUM NITRITE (7632-00-0) -- RQ 100 lb

MISCELLANEOUS INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

16. OTHER INFORMATION

HMIS Rating: Health: 2, Flammability: 0, Reactivity: 0
Personal Protection Index: C

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.

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