

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: High Purity NF
Description: Solvent Liquid
Product Code: NTN HPNF
Suggested Use: Automotive Cleaner
Restrictions on Use:

Supplier: NuTech Specialties, Inc.
9811 South 6150 West
West Jordan , UT 84081

Telephone: 801-253-1000 (M-F) 8:00-5:00
Fax: 801-280-0307
Emergency Phone: 800-633-8253

2. HAZARDS IDENTIFICATION

Classification: Skin irritant 2
Eye irritant 2
STOT (Single Exposure) 3
STOT (Repeated Exposure)2
Aspiration Hazard 1
Acute Aquatic Hazard 2
Chronic Aquatic Hazard 2
Reproductive Toxicity 1B

GHS Classification:

GHS Label Elements

Pictogram:



Signal Word:

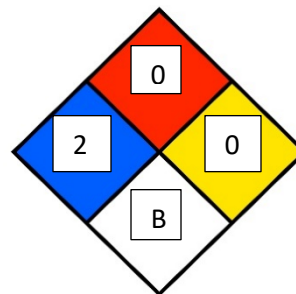
Hazard Statements:

Danger
H315, Causes skin irritation
H319, Causes serious eye irritation
H360, May damage fertility or the unborn child
H371, May cause damage to organs
H335, May cause respiratory irritation
H336, May cause drowsiness or dizziness
H402, Harmful to aquatic life
H412, Harmful to the aquatic life with long lasting effects

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Precautionary Statements: P202, Obtain special instructions before use.
P210, Keep away from heat/sparks/open flames/hot surfaces. No smoking
P260, Do not breathe dust/fume/gas/mist/vapors/spray
P264, Wash thoroughly after handling.
P270, Do not eat, drink, or smoke when using this product.
P273, Avoid release to the environment
P280, wear eye protection/face protection
P403+P235, Store in a well-ventilated place. Keep cool.

HMIS Classification:



NFPA Rating:

| | |
|---------------------|---|
| Health | 2 |
| Fire | 0 |
| Reactivity | 0 |
| Personal Protection | B |

Potential Health Effects:

3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS#</u> | <u>Concentration</u> |
|------------------|-------------|----------------------|
| Stoddard Solvent | 8052-41-3 | 40-70% |
| 1-Bromo propane | 106-94-5 | 15-40% |

Product: High Purity Cleaner NF

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Synonyms:

4. FIRST AID MEASURES

| | |
|---------------|---|
| If Inhaled: | If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced. |
| Skin Contact: | Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician. |
| Eye Contact: | Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Immediately call a doctor or physician. |
| If Ingested: | Do not induce vomiting unless instructed to do so by physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult physician. |

5. FIREFIGHTING MEASURES

| | |
|--|---|
| Extinguishing Media: | Use water-spray, alcohol resistant foam, dry chemical, or carbon dioxide |
| Hazardous Combustion Products: | Firefighting personnel should respond with appropriate protective clothing, firefighting gear, and breathing equipment as trained. |
| Special Protective Equipment for Firefighters: | In fire conditions: a complex mixture of airborne solids, liquids, and gases including Carbon Monoxide, Carbon Dioxide, and unidentified organic compounds. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------|---|
| Personal Precautions: | Use personal protective equipment. Always ensure adequate ventilation. |
| Environmental Precautions: | Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into environment must be avoided. |
| Containment and Clean Up: | Soak up with inert absorbent material and dispose of. Keep in suitable, closed containers for disposal. |

7. HANDLING AND STORAGE

| | |
|----------------|--|
| Safe Handling: | Keep away from flames and hot surfaces. Use personal protective equipment. Always ensure adequate ventilation. |
|----------------|--|

Product: High Purity Cleaner NF

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Safe Storage: Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials. Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

| Component | CAS Number | Exposure Limit | Basis |
|------------------|------------|----------------|-------|
| Stoddard Solvent | 8052-41-3 | 108ppm | ACGIH |
| 1-Bromo Propane | 106-94-5 | 10ppm | ACGIH |

General Controls: Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

Personal Protective Equipment

Eye Protection: Tightly fitting safety glasses or goggles should be sufficient. Have eye-wash stations available where eye contact can occur.

Hand Protection: Handle with chemical resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use.

Skin Protection: Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in work area where skin contact can occur.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full face respirator with appropriate cartridges. Always ensure adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------|---------|
| Physical State: | Liquid |
| Color: | Clear |
| Odor: | Solvent |
| Odor Threshold: | N/A |
| pH: | N/A |
| Melting/Freezing Point: | N/A |
| Boiling Point: | N/A |
| Flash Point: | >300° F |
| Evaporation Rate: | >200° F |
| Flammability (Solid, Gas): | N/A |
| Flammability/Explosion Limits: | N/A |

Product: High Purity Cleaner NF

NuTech Specialties Inc.

| | |
|----------------------------|-----------------|
| Vapor Pressure @ 20°C: | N/A |
| Vapor Density: | >0.1 mm Hg |
| Specific Gravity: | >1 |
| Density: | 7.6 lbs per gal |
| Solubility in Water: | Negligible |
| Partition Coefficient: | N/A |
| Auto Ignition Temperature: | N/A |
| Decomposition Temperature: | N/A |
| Viscosity @ 40°C: | N/A |

10. STABILITY AND REACTIVITY

| | |
|------------------------------------|--|
| Chemical Stability: | Stable under normal conditions |
| Conditions and Materials to Avoid: | Heat, incompatible materials |
| Hazardous Decomposition Products: | Oxides of carbon, unidentified organic compounds |

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

| Component | CAS Number | Test | Toxicity |
|--------------------|------------|---------------------|------------|
| Stoddard Solvent | 8052-41-3 | Oral Rat | 8970 mg/kg |
| 1-Bromo Propane | 106-94-5 | Intraperitoneal Rat | 2950 mg/kg |

Potential Health Effects

| | |
|--|--|
| Inhalation: | Can cause central nervous system depression, may cause drowsiness or dizziness. |
| Skin: | Causes skin irritation |
| Eyes: | Causes eye irritation |
| Ingestion: | Can cause central nervous system depression, may be fatal if swallowed and enters airways. |
| Signs and Symptoms of Exposure: | Eyes: watering and redness, Inhalation: drowsiness and dizziness. Skin: redness-irritation. Ingestion: nauseous. |
| Chronic Effects of Long Term Exposure: | May cause damage to organs through prolonged or repeated exposure. Skin: deflating. |
| Carcinogenicity: | No effects |

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12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

| Component | CAS Number | Organism | Ecotoxicity |
|------------------|------------|-----------------|-------------|
| Stoddard Solvent | 8052-41-3 | Crustaceans | 5600 49/1 |
| 1- Bromo Propane | 106-94-5 | Flathead Minnow | 67.3 mg/1 |

Ecological Effects

Persistence and Degradability: N/A

Bioaccumulation Potential: N/A

Mobility in Soil: N/A

Other Adverse Effects: N/A

13. DISPOSAL CONSIDERATIONS

Disposal: Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region.

Contaminated Packaging: Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT Information

Proper Shipping Name: Not Regulated

UN Number:

Hazard Class:

Packing Group:

Reportable Quantity (RQ):

Marine Pollutant:

Note:

15. REGULATORY INFORMATION

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US Federal

SARA 302 Components: None Listed
SARA 311/312 Hazards: Acute Health, Chronic Health
SARA 313 Components: None above -1%
TSCA Inventory:

European Union

EC Inventory: N/A

State Regulations

Utah Clean Air: Yes
California Prop 65:
C.A.R.B.

16. OTHER INFORMATION

SDS Version: 2.0
Revision Date: 7/28/2021
Supersedes: Version 1.0 05/05/2015

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or the completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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Validated on:

Product: High Purity Cleaner NF