

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: High Purity Cleaner
Description: Highly volatile
Product Code: NTN HPC
Suggested Use: Cleaning automotive brakes
Restrictions on Use: Avoid ignition sources

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:

GHS Classification: Flammable 2
Skin irritant 2
STOT SE 3
STOT RE 2
ASP TX 1
Aquatic chronic 2

GHS Label Elements

Pictogram:



Signal Word: Danger
Hazard Statements: H225, Highly Flammable Liquid and Vapor
H336, May Cause Drowsiness or Dizziness
H304, May be Fatal if Swallowed and Enters Airways
H373, May cause damage to organs through prolonged or repeated exposure.
H411, Toxic to aquatic life with long lasting effects

Precautionary Statements:

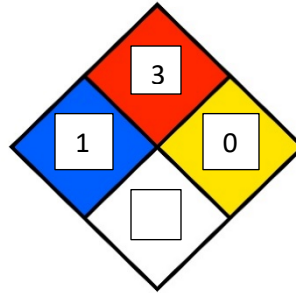
P210, Keep away from heat/sparks/open flames/hot surfaces.- No smoking
P233, Keep container tightly closed

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HMIS Classification:

P240, Ground/bond container and receiving equipment
P241, Use explosion-proof electrical/ventilating/lighting/
equipment
P242, Use only non-sparking tools
P243, Take precautionary measures against static discharge.
P260, Do not breathe dust/fumes/gas/mist/vapors/spray
P261, Avoid breathing dust/fume/gas/mist/vapors/spray.
P264, Wash thoroughly after handling
P271, Use only outdoors or in well-ventilated area.
P273, Avoid release to the environment.



NFPA Rating:

| | |
|---------------------|---|
| Health | 1 |
| Fire | 3 |
| Reactivity | 0 |
| Personal Protection | B |

Potential Health Effects: N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS#</u> | <u>Concentration</u> |
|------------------|-------------|----------------------|
| n-Hexane | 110-54-3 | <95% |

Synonyms:

4. FIRST AID MEASURES

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| | |
|---------------|---|
| If Inhaled: | If inhaled, move person into fresh air and keep at rest in a position comfortable for breathing. Call POISON Center or doctor/physician. |
| Skin Contact: | If on SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. |
| Eye Contact: | If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| If Ingested: | If SWALLOWED: Immediately call a poison center or doctor/physician. |

5. FIREFIGHTING MEASURES

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|--|---|
| 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

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

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Exposure Limits

| Component | CAS Number | Exposure Limit | Basis |
|-----------|------------|----------------|-------|
| n-Hexane | 110-54-3 | 50 ppm | 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: | Slight petroleum |
| Odor Threshold: | N/A |
| pH: | No data |
| Melting/Freezing Point: | -95° C |
| Boiling Point: | 68° C |
| Flash Point: | -22°C |
| Evaporation Rate: | No data |
| Flammability (Solid, Gas): | No data |
| Flammability/Explosion Limits: | No data |
| Vapor Pressure @ 20°C: | 124 mm Hg |
| Vapor Density: | No data |
| Specific Gravity: | .67 |
| Density: | 5.6 lbs. per gallon |
| Solubility in Water: | Insoluble |
| Partition Coefficient: | No data |
| Auto Ignition Temperature: | 225° C |
| Decomposition Temperature: | No data |

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|-------------------|---------|
| Viscosity @ 40°C: | No data |
|-------------------|---------|

10. STABILITY AND REACTIVITY

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|------------------------------------|------------------------------------|
| Chemical Stability: | Highly flammable liquid and vapor |
| Conditions and Materials to Avoid: | Ignition sources, strong oxidizers |
| Hazardous Decomposition Products: | Carbon monoxide |

11. TOXICOLOGICAL INFORMATION

Acute Toxicity- Not determined

| Component | CAS Number | Test | Toxicity |
|-----------|------------|-----------------|------------|
| n-Hexane | 110-54-3 | Dermal LD50 | 3000 mg/kg |
| | | Inhalation LC50 | 48000 ppm |

Potential Health Effects

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|--|--|
| Inhalation: | May cause drowsiness and dizziness |
| Skin: | Causes skin irritation |
| Eyes: | Not classified |
| Ingestion: | May be fatal if swallowed and enters airways |
| Signs and Symptoms of Exposure: | Drowsiness and dizziness |
| Chronic Effects of Long Term Exposure: | May cause damage to organs |
| Carcinogenicity: | Not classified |

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity: Toxic to aquatic life with long lasting effects

| Component | CAS Number | Organism | Ecotoxicity |
|-----------|------------|----------|---------------|
| n-hexane | 110-54-3 | Fish | 2.1-2.98 mg/l |

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Ecological Effects

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|--------------------------------|--|
| Persistence and Degradability: | May cause long term adverse effects in the environment |
| Bioaccumulation Potential: | Not established |
| Mobility in Soil: | No data |
| Other Adverse Effects: | Avoid release to the environment |

13. DISPOSAL CONSIDERATIONS

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|-------------------------|---|
| 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: | Petroleum distillates, N.O.S., |
| UN Number: | UN1268 |
| Hazard Class: | 3 |
| Packing Group: | II |
| Reportable Quantity (RQ): | 5000 lbs. |
| Marine Pollutant: | No |
| Note: | |

15. REGULATORY INFORMATION

US Federal

| | |
|-----------------------|-------------------------------------|
| SARA 302 Components: | None |
| SARA 311/312 Hazards: | Immediate acute health hazard, fire |
| SARA 313 Components: | No |
| TSCA Inventory: | Yes |

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European Union

EC Inventory: Listed

State Regulations

Utah Clean Air: Yes
California Prop 65 No
C.A.R.B. Yes

16. OTHER INFORMATION

SDS Version: 2.0
Revision Date: 7/28/21
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.

NuTech Specialites, Inc.

Validated on:

Product: High Purity Cleaner