Safety Data Sheet: PN-105 (AEROSOL)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PN-105 (AEROSOL)
Recommended use Lubricant
Information on Manufacturer
Partsmaster, Div of NCH Corp.
P.O. Box 655326
Dallas, TX 75265-5326

Product Code 5C68
Chemical nature Solvent blend

Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Amber
Physical State Liquid
Odor Petroleum distillates

GHS
Classification
Physical Hazards
Flammable aerosols Category 1
Gases under pressure Compressed Gas

Health Hazard
Aspiration Toxicity Category 1
Acute Inhalation Toxicity - Gas Category 3
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2
Specific target organ systemic toxicity (single exposure) Category 3
Specific target organ systemic toxicity (repeated exposure) Category 2
Other hazards None

Labeling
Signal Word
DANGER

Hazard Statements
H222 - Extremely flammable aerosol
H311 - Toxic if inhaled
H366 - May cause drowsiness or dizziness
H315 - Causes skin irritation
H330 - Causes eye irritation
H304 - May be fatal if swallowed and enters airways
H373 - May cause damage to organs through prolonged or repeated exposure
H280 - Contains gas under pressure; may explode if heated

Precautionary Statements
P200 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, sparks, open flames or hot surfaces.
P251 - Pressurized container: Do not pierce or burn, even after use
P270 - Do not eat, drink or smoke when using this product
P280 - Wear protective gloves, protective clothing and eye protection.
P304 + P352 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P311 - CAUTION: Contents may be under pressure; may be hot if heated.
P313 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - IF SKIN IRRITATION develops: Get medical attention.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P381 + P370 - IF ON CLOTHING: Remove clothing immediately by selecting a route that avoids exposure.
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - IF SKIN IRRITATION develops: Get medical attention.
P301 + P330 + P311 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.
P410 - P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P403 + P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents and container in accordance with applicable regulations.

9 % of the mixture consists of ingredient(s) of unknown toxicity
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>64742-47-8</td>
<td>15-40</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic (&lt;3% DMSO extractable)</td>
<td>64742-52-5</td>
<td>10-30</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliphatic</td>
<td>64742-88-7</td>
<td>10-30</td>
</tr>
<tr>
<td>Ethyl acetate</td>
<td>141-78-6</td>
<td>10-30</td>
</tr>
<tr>
<td>Sodium sulfonate</td>
<td>68608-26-4</td>
<td>7-13</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>5-10</td>
</tr>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>1-5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**General advice**
Avoid breathing vapors, mist, or gas. Avoid contact with skin, eyes and clothing.

**Eye Contact**
Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

**Skin Contact**
Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

**Inhalation**
If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**Ingestion**
Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

**Notes to physician**
Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

5. FIRE-FIGHTING MEASURES

**Flash Point**
> 80 °F / > 27 °C

**Flammability Limits in Air % Solvent mixture.**
Upper 11.5 Lower 0.5

**Suitable Extinguishing Media**
Water spray. Carbon dioxide (CO2). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific hazards arising from the chemical**
Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Flame extension: >24 inches / >61 cm and Burnback: >3 inch / >7.5 cm. Material can create slippery conditions.

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Aerosol Level (NFPA 30B)**
- 3

**NFPA**
Health 2 Flammability 4 Instability 0

**HMIS**
Health 2 Flammability 4 Instability 0

6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

**Environmental Precautions**
Do not flush into surface water or sanitary sewer system.

**Methods for Containment**
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**Methods for Cleaning Up**
Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.

**Neutralizing Agent**
Not applicable.

7. HANDLING AND STORAGE

**Handling**
Keep away from heat and sources of ignition. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing.

**Storage**
Keep away from open flames, hot surfaces and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Storage Temperature**
Minimum 35 °F / 2 °C Maximum 120 °F / 49 °C

**Storage Conditions**
Indoor X Outdoor Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>5 mg/m³ as oil mist</td>
<td>10 mg/m³ as oil mist</td>
<td>No data available</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated heavy</td>
<td>TWA: 5 mg/m³; STEL: 10 mg/m³</td>
<td>TWA: 5 mg/m³</td>
<td>IDLH: 2,500 mg/m³; STEL 10 mg/m³; TWA: 5 mg/m³</td>
</tr>
<tr>
<td>napthenic (&lt;3% DMSO extractable)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliphatic</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Ethyl acetate</td>
<td>TWA: 400 ppm</td>
<td>TWA: 400 ppm; TWA: 1400 mg/m³</td>
<td>IDLH: 2000 ppm; TWA: 400 ppm; TWA: 1400 mg/m³</td>
</tr>
<tr>
<td>Sodium sulfonate</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Propane</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 1000 ppm; TWA: 1800 mg/m³</td>
<td>IDLH: 2100 ppm; TWA: 1000 ppm; TWA: 1800 mg/m³</td>
</tr>
<tr>
<td>Butane</td>
<td>STEL: 1000 ppm</td>
<td>No data available</td>
<td>TWA: 800 ppm; TWA: 1900 mg/m³</td>
</tr>
</tbody>
</table>

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**Personal Protective Equipment**

**Eye/Face Protection**

Safety glasses with side-shields.

**Skin Protection**

Wear suitable protective clothing, Impervious gloves.

**Respiratory Protection**

In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General Hygiene Considerations**

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Amber</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>24.77 (Butyl acetate=1)</td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>41.901</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>1547 mmHg @ 70 °F</td>
</tr>
<tr>
<td>Solubility</td>
<td>Negligible</td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>&gt; 160 °F / 71 °C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 80 °F / &gt; 27 °C</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flammability Limits in Air %</td>
<td>Solvent mixture.</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Chemical Stability**

Stable. Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep away from open flames, hot surfaces, and sources of ignition

**Incompatible Products**

Strong oxidizing agents, Reducing agents, Strong acids, Strong bases, Amines, Nitric acid.

**Hazardous Decomposition Products**

Carbon oxides, Nitrogen oxides (NOx), Sulfur oxides, Aldehydes, Ketones, Hydrocarbons.

**Possibility of Hazardous Reactions**

None under normal processing.

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### 11. TOXICOLOGICAL INFORMATION

**Product Information**

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

**Oral LD50**

No information available

**Dermal LD50**

No information available

**Inhalation LC50**

Gas: No information available
Mist: No information available
Vapor: No information available

**Principle Route of Exposure**

Inhalation, Skin contact, Eye contact.

**Primary Routes of Entry**

Inhalation, Skin Absorption.

**Acute Effects**

**Eyes**

Causes eye irritation.

**Skin**

Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
### Component Information

#### Acute Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
<th>Draize Test</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>&gt; 5000 mg/kg ( Rat )</td>
<td>&gt; 2000 mg/kg ( Rabbit )</td>
<td>&gt; 5.2 mg/L ( Rat ) 4 h</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic (&lt;3% DMSO extractable)</td>
<td>&gt; 5000 mg/kg ( Rat )</td>
<td>&gt; 5000 mg/kg ( Rabbit )</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliphatic</td>
<td>&gt; 5000 mg/kg ( Rat )</td>
<td>= 3000 mg/kg ( Rabbit )</td>
<td>&gt; 5.28 mg/L ( Rat ) 4 h</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Ethyl acetate</td>
<td>= 5620 mg/kg ( Rat )</td>
<td>&gt; 20 mL/kg ( Rabbit )</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Sodium sulfonate</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Propane</td>
<td>no data available</td>
<td>no data available</td>
<td>= 658 mg/L ( Rat ) 4 h</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Butane</td>
<td>no data available</td>
<td>no data available</td>
<td>= 658 g/m3 ( Rat ) 4 h</td>
<td>no data available</td>
<td>no data available</td>
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</tbody>
</table>

#### Chronic Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>Mutagenicity</th>
<th>Sensitization</th>
<th>Developmental Toxicity</th>
<th>Reproductive Toxicity</th>
<th>Target Organ Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>respiratory system, liver, kidney, CNS</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic (&lt;3% DMSO extractable)</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>respiratory system</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliphatic</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>CNS, liver, kidneys</td>
</tr>
<tr>
<td>Ethyl acetate</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>eyes, respiratory system, skin</td>
</tr>
<tr>
<td>Sodium sulfonate</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Propane</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>CNS, heart</td>
</tr>
<tr>
<td>Butane</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>CNS, heart</td>
</tr>
</tbody>
</table>

#### Carcinogenicity

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic (&lt;3% DMSO extractable)</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliphatic</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Ethyl acetate</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Sodium sulfonate</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Propane</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Butane</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

There are no known carcinogenic chemicals in this product.

### 12. ECOLOGICAL INFORMATION

#### Product Information

No information available.

#### Component Information

<table>
<thead>
<tr>
<th>Component</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Microtox</th>
<th>Water Flea</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>no data available</td>
<td>LC50 = 45 mg/L Pimephales promelas 96 h LC50 = 2.2 mg/L Lepomis macrochirus 96 h LC50 = 2.4 mg/L Oncorhynchus mykiss 96 h</td>
<td>no data available</td>
<td>LC50&gt; 4720 mg/L 96 h</td>
<td>N/A</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic (&lt;3% DMSO extractable)</td>
<td>no data available</td>
<td>LC50 &gt; 5000 mg/L Oncorhynchus mykiss 96 h</td>
<td>no data available</td>
<td>EC50&gt; 1000 mg/L 48 h</td>
<td>N/A</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliphatic</td>
<td>EC50 = 450 mg/L Pseudokirchneriella subcapitata 96 h</td>
<td>LC50 = 800 mg/L Pimephales promelas 96 h</td>
<td>no data available</td>
<td>EC50&gt; 100 mg/L 48 h</td>
<td>N/A</td>
</tr>
</tbody>
</table>
### Persistence and Degradability
No information available.

### Bioaccumulation
No information available.

### Mobility
No information available.

### 13. DISPOSAL CONSIDERATIONS

**Product Disposal**
Dispose of in accordance with local regulations.

**Container Disposal**
Contents under pressure. Do not puncture. Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal.

### 14. TRANSPORT INFORMATION

#### DOT
- **Proper Shipping Name**: Consumer Commodity
- **Hazard Class**: ORM-D
- **Description**: Consumer Commodity, ORM-D

#### TDG
- **Hazard Class**: ORM-D
- **UN-No**: UN1950

#### ICAO
- **UN-No**: UN1950
- **Proper Shipping Name**: Aerosols, flammable
- **Hazard Class**: 2.1
- **Shipping Description**: UN1950, Aerosols, flammable, 2.1, LTD QTY

#### IATA
- **UN-No**: UN1950
- **Proper Shipping Name**: Aerosols, flammable
- **Hazard Class**: 2.1
- **ERG Code**: 126
- **Shipping Description**: UN1950,Aerosols,flammable,2.1, LTD QTY

#### IMDG/IMO
- **Proper Shipping Name**: Aerosols, flammable
- **Hazard Class**: 2.1
- **UN-No**: UN1950
- **EmS No.**: F-A, S-A
- **Shipping Description**: UN1950, Aerosols, flammable,2.1, LTD QTY

### 15. REGULATORY INFORMATION

**Inventories**
- **TSCA**: Complies
- **DSL**: Complies

**U.S. Federal Regulations**
- **SARA 313**
  - Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazardous Categorization**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Yes</th>
<th>Yes</th>
<th>Yes</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute Health Hazard</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Chronic Health Hazard</strong></td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fire Hazard</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sudden Release of Pressure Hazard</strong></td>
<td></td>
<td></td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Reactive Hazard</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No</td>
</tr>
</tbody>
</table>

**CERCLA**

<table>
<thead>
<tr>
<th>Component</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA EHS RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>(&lt;3% DMSO extractable)</td>
<td>Solvent naphtha (petroleum), medium aliphatic</td>
<td>Not applicable</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td></td>
<td>Ethyl acetate</td>
<td>5000 lb</td>
</tr>
<tr>
<td></td>
<td>Sodium sulfonate</td>
<td>Not applicable</td>
</tr>
<tr>
<td></td>
<td>Propane</td>
<td>Not applicable</td>
</tr>
<tr>
<td></td>
<td>Butane</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### 16. OTHER INFORMATION

Prepared By: Devon Kebodeaux  
Supersedes Date: 01/13/2011  
Issuing Date: 10/17/2013  
Reason for Revision: No information available.  
Glossary: No information available.  
List of References: No information available.

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