1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: JET SPRAY, GUMOUT CARBURETOR AND CHOKE CLEANER
Product Use: Carb and choke cleaner
Synonyms: STOCK #7550, STOCK #7440, STOCK #7460, JET SPRAY

Manufacturer
Penetrox Quaker State Company
P.O. Box 2967
Houston, TX 77252-2967
USA

Phone Numbers
Medical Emergency: 1-800-546-4040
Transportation Emergency (USA): 1-800-535-5053
Transportation Emergency (International): 1-332-323-3500 (Call Coher)
MSDS Assistance: 1-800-546-6227
Fax On Demand: 1-800-546-6227
Technical Assistance: 1-800-458-5998
Customer Service: 1-800-468-8397
Fax Number: 713-217-3181
Internet Address: www.MSS.PZLQ.B.com

2. COMPONENT INFORMATION

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight Percent Range</th>
<th>Hazardous in Blend</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIGHT AROMATIC SOLVENT NAPTHA</td>
<td>64742-93-6</td>
<td>30 - 50</td>
<td>Yes</td>
</tr>
<tr>
<td>HYDROTREATED LIGHT DISTILLATE</td>
<td>66742-47-8</td>
<td>15 - 30</td>
<td>No</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE</td>
<td>78-03-3</td>
<td>1 - 7</td>
<td>Yes</td>
</tr>
<tr>
<td>ISOPROPYL ALCOHOL</td>
<td>67-63-0</td>
<td>1 - 7</td>
<td>Yes</td>
</tr>
<tr>
<td>PROPANE</td>
<td>74-98-6</td>
<td>15 - 25</td>
<td>Yes</td>
</tr>
<tr>
<td>SURFACTANTS</td>
<td>MIXTURE</td>
<td>&lt; 1</td>
<td>No</td>
</tr>
</tbody>
</table>

This product is HAZARDOUS according to OSHA 29 CFR 1910.1200.

Hazards: Flammable/Combustible Acute Toxic Chronic Toxic Carcinogen Pressure Reactive Exposure Limit Target Organ Other

Other: No information available

3. HAZARDS IDENTIFICATION

Emergency and Hazards Overview
DANGER: EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. HARMFUL OR FATAL IF SWALLOWED. VAPOR HARMFUL.

NFPA Ratings: Health Flammability Reactivity
Primary Route of Exposure: Skin Inhalation Eye

Health Effect Information
Eye Contact: Avoid eye contact. This product has not been tested for acute eye hazards. May be irritating to the eyes upon direct contact. Exposure to mists and vapors may be irritating to the eyes. These effects are transient, and complete recovery follows.

Skin Contact: This product may cause slight skin irritation upon direct contact. Prolonged or repeated skin contact may result in dryness, chapping, and reddening.
Inhalation: This product is not expected to pose an inhalation hazard under conditions of foreseeable use. Cautions should be taken to minimize exposure to aerosol mist from this product. Acute and chronic overexposures may be irritating to the respiratory tract. Inhalation of high concentrations of this product can cause central nervous system depression and narcosis. Severe intoxication may lead to drowsiness, dizziness, numbness, and headache followed by dizziness, weakness, and nausea. While affected, the ability to perform skilled tasks is compromised. Exposure to extremely high concentrations may have anesthetic effects but are completely reversible upon cessation of exposure. Intentional misuse by deliberately concentrating and inhaling this product can be harmful or fatal.

Ingestion: Not applicable by this route of exposure. Ingestion is unlikely for aerosol products.

Medical Conditions Aggravated by Exposure: Drying and chapping may make the skin more susceptible to other irritants, sensitizers and disease.

Other: No information available

4. FIRST AID INFORMATION

Eye Contact: Immediately flush eyes with large amounts of water and continue flushing for 15 minutes or until irritation subsides. If irritation persists, seek medical attention.

Skin Contact: Wash contaminated area thoroughly with soap and water. Use a hand or skin lotion to prevent dryness. If redness or irritation occurs and persists, seek medical attention.

Inhalation: If victim exhibits signs of vapor intoxication remove to fresh air. If discomfort persists seek medical attention. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen if it is available. If victim is unconscious, remove to fresh air and seek immediate medical attention.

Ingestion: Ingestion is unlikely for aerosol products. Accidental swallowing into the mouth will not result in any harmful effects. No treatment is necessary under ordinary circumstances.

Notes to Physician: No information available

Other: No information available

5. FIRE AND EXPLOSION INFORMATION

Flammable Properties
Flash Point (aerosol concentrate): No data available
Flame Extension: 30°
Flammable Limits in Air
  Upper Percent: No data available
  Lower Percent: No data available
Autoignition Temperature: No data available

Test Method: No information available
Test Method: CPSC 150C45
Test Method: No information available

NFPA Classification: Level 3 Aerosol (NFPA 30B)
Extinguishing Media: Use water spray (log), dry chemical, foam, or carbon dioxide.

Fire Fighting Measures
Special Fire Fighting Procedure and Equipment: Water may be ineffective but can be used to cool containers exposed to heat or flame to prevent vapor pressure buildup and possible container rupture.
MATERIAL SAFETY DATA SHEET

JET SPRAY, GUMOUT CARBURETOR AND CHOKE CLEANER

Page 3 of 8

Unusual Fire and Explosion Conditions: Caution! Contents are under pressure and can explode when exposed to heat or flames. Dress smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

Hazardous Combustion By-Products: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal Safeguards: Remove all sources of ignition. Provide adequate ventilation to remove vapors and mists. Consult Health Effect Information in Section 3, Personal Protection Information in Section 8, Fire and Explosion Information in Section 5, and Stability and Reactivity Information in Section 10.

Regulatory Notifications: No notification required

Containment and Clean up: No special cleanup procedures are necessary.

Other: No information available

7. HANDLING AND STORAGE INFORMATION

Handling: All ignition sources in the area should be controlled. See NFPA 30B, Code for the Manufacture and Storage of Aerosol Products. Contents under pressure and can explode when exposed to heat or open flame. Caution: Do not puncture or incinerate.

Storage: Do not store at temperatures greater than 120 F.

Empty Container Warnings: Drums: No applicable
Plastic: Not applicable

Other: No information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION INFORMATION

Exposure Limits and Guidelines

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Exposure Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIGHT AROMATIC SOLVENT NAPHTHA</td>
<td>64742-97-6</td>
<td>OSHA - PEL: TWA 500 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH - TLV: TWA 100 ppm</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE</td>
<td>78-03-3</td>
<td>OSHA - PEL: TWA 200 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH - TLV: TWA 100 ppm</td>
</tr>
<tr>
<td>ISOPROPYL ALCOHOL</td>
<td>67-63-0</td>
<td>OSHA - PEL: TWA 400 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH - TLV: TWA 100 ppm</td>
</tr>
<tr>
<td>PROPADE</td>
<td>74-98-6</td>
<td>OSHA - PEL: TWA 1000 ppm</td>
</tr>
</tbody>
</table>

Personal Protective Equipment

Eye/Face Protection: Eye protection is not required under conditions of normal use. If material is handled such that it could be sprayed into eyes, wear plastic face shield or splash-proof safety goggles.


**MATERIAL SAFETY DATA SHEET**

**JET SPRAY, GUMOTT CARBURETOR AND CHOKE CLEANER**

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**Skin Protection:** Skin protection is not required under conditions of normal use. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure. Launder soiled clothes.

**Respiratory Protection:** Respiratory protection is not required under conditions of normal use. If excessive levels of mist or vapors are generated while using this product, use an organic vapor respirator. See Section 3, Health Effect Information, Inhalation.

**Personal Hygiene:** Consumption of food and beverage should be avoided in work areas where this product is present. Always wash hands and face with soap and water before eating, drinking, or smoking.

**Engineering Controls/Work Practices**
Ventilation: General room ventilation is normally sufficient to prevent buildup of hazardous concentrations. Providing adequate ventilation to keep exposure levels below the permissible exposure limits or flammability limits will prevent any physiological effects.

**Other:** No information available

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear straw color</td>
</tr>
<tr>
<td>Other: Solvent</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>48 psig @ 68 F</td>
</tr>
<tr>
<td>Physical state: Liquid</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure (air=1)</td>
<td>3 - 5</td>
</tr>
<tr>
<td>pH: No data available</td>
<td></td>
</tr>
<tr>
<td>Percent Volatility by Volume:</td>
<td>&lt; 75 %</td>
</tr>
<tr>
<td>Boiling Point: Not applicable</td>
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</tr>
<tr>
<td>Volatile Organic Content: No data available</td>
<td></td>
</tr>
<tr>
<td>Melting Point: Not applicable</td>
<td></td>
</tr>
<tr>
<td>Molecular Weight: No data available</td>
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<tr>
<td>Specific Gravity: 0.84</td>
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</tr>
<tr>
<td>Average Carbon Number: No data available</td>
<td></td>
</tr>
<tr>
<td>Four Point: No data available</td>
<td></td>
</tr>
<tr>
<td>Viscosity @ 100 F: No data available</td>
<td></td>
</tr>
<tr>
<td>Viscosity @ 40 C: No data available</td>
<td></td>
</tr>
<tr>
<td>Solubility in Water: Insoluble in water, soluble in hydrocarbons</td>
<td></td>
</tr>
<tr>
<td>Octanol / Water Coefficient: Log Kow</td>
<td>No data available</td>
</tr>
</tbody>
</table>

---

### 10. STABILITY AND REACTIVITY INFORMATION

**Chemical Stability:** Stable

**Condition to Avoid:** Keep away from heat, sparks, open flames and other ignition sources.

**Incompatible Materials to Avoid:** May react with strong oxidizing agents.

**Other:** No information available

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### 11. TOXICOLOGICAL INFORMATION

**Primary Eye Irritation:** No information available

**Primary Skin Irritation:** No information available

**Acute Dermal Toxicity:** No information available

**Subacute Dermal Toxicity:** No information available

**Dermal Sensitization:** No information available
Inhalation Toxicity: No information available
Inhalation Sensitization: No information available
Oral Toxicity: No information available
Mutagenicity: No information available
Carcinogenicity: No information available
Reproductive and Developmental Toxicity: No information available
Teratogenicity: No information available
Immunotoxicity: No information available
Neurotoxicity: No information available
Other: No information available

12. ECOLOGICAL INFORMATION
Aquatic Toxicity: No information available
Terrestrial Toxicity: No information available
Chemical Fate and Transport: No information available
Other: No information available

13. DISPOSAL INFORMATION
Regulatory Information: Dispose of residual products and empty containers responsibly.
Waste Disposal Methods: Waste material may be landfilled or incinerated at an approved facility.
Other: No information available

14. TRANSPORTATION INFORMATION
U.S. Department of Transportation (DOT)
Highway / Rail (Bulk): NOT SHIPPED IN BULK CONTAINERS
Highway / Rail (Non-Bulk): CONSUMER COMMODITY, ORM-D

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping descriptions.
International Information
Vessel: IMDG Regulated: X  IMDG Not Regulated: 
Air: ICAO Regulated: X  ICAO Not Regulated: 
Other: No information available

15. Regulatory Information

Regulatory Lists Searched: The components listed in Section 2 of this MSDS were compared to substances that appear on the following regulatory lists. Each list is numerically identified. See Regulatory Search Results below.


Environmental: 30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depleters, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SOCM, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA / SARA Section 303 existing reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45 - CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S)MCLs

International: 50 - Canada - WHMIS Classification of substances, 54 - Mexico - Drinking water, ecological criteria, 55 - Mexico - Wastewater discharges, 56 - US - TSCA Section 12(b) - export notification


Inventory: 80 - Canada - Domestic substances, 81 - European - EINECS, 82 - Japan - ENCS, 83 - Korea - Existing and evaluated chemical substances, 84 - US - TSCA . 85 - China Inventory

Regulatory Search Results:
HYDROTREATED LIGHT DISTILLATE: 80, 81, 83, 84, 85
ISOPROPYL ALCOHOL: 15, 16, 17, 22, 23, 35, 42, 50, 51, 63, 65, 66, 67, 68, 69, 80, 81, 82, 83, 84, 85
LIGHT AROMATIC SOLVENT NAPHTHA: 80, 81, 83, 85
METHYL ETHYL KETONE: 15, 16, 17, 20, 22, 23, 30, 35, 42, 47, 48, 50, 61, 63, 65, 66, 67, 68, 69, 80, 81, 82, 83, 84, 85
PROPANE: 15, 16, 17, 22, 23, 63, 64, 66, 67, 68, 69, 80, 81, 82, 83, 84, 85
U.S. TSCA Inventory: All components of this material are on the US TSCA Inventory.

SARA Section 313:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS Number</th>
<th>Percent in Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHYL ETHYL KETONE</td>
<td>75-93-3</td>
<td>7</td>
</tr>
<tr>
<td>1,2,4-TRIMETHYLBENZENE</td>
<td>95-63-6</td>
<td>14</td>
</tr>
<tr>
<td>XYLENES</td>
<td>1330-20-7</td>
<td>&lt; 2</td>
</tr>
</tbody>
</table>

IARC: No information available
MATERIAL SAFETY DATA SHEET
JET SPRAY, GUMOUT CARBURETOR AND CHOKE CLEANER

SARA 311 / 312 Categories
Acute: X Chronic: X Fire: X Pressure: X Reactive: ___
Not Regulated: ___

Canadian WIMIS Classification
Class A - Compressed gas
Class B - Flammable and Combustible Material, Division 5, Flammable Aerosols
Class D - Poisonous and infectious material, Division 2B, Toxic Material

European Union Classification
Hazard Symbols:
- Extremely flammable / F / flame in square.
- Harmful / Xn / X in square.
- Dangerous for the environment / Ni / dead tree and fish in square
Risk Phrases:
R12: Extremely flammable.
R36: Irritating to eyes.
R56: Harmful: may cause long damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.
Safety Phrases:
S2: Keep out of the reach of Children.
S16: Keep away from sources of ignition - No smoking.
S23: Do not breathe gas/fumes/vapour/spray.
S24/25: Avoid contact with skin and eyes.
S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
S61: Avoid release to the environment. Refer to special instructions/Safety data sheet.

Other: This product may contain the following chemical(s) listed on California's Proposition 65 as known to the State to cause cancer: Benzen<5 ppb.

16. OTHER INFORMATION

Health and Environmental Label Language
Front Label:
DANGER: EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. HARMFUL OR FATAL IF SWALLOWED. VAPOR HARMFUL.
Read carefully other cautions on back.

Back Label:
DANGER: Contains petroleum solvents, rubbing alcohol, organic ketone and hydrocarbon propelant. Prolonged and repeated skin contact may cause drying of skin.

PRECAUTIONARY MEASURES: Do not puncture, incinerate or store above 120 F. Avoid prolonged exposure to sunlight. Keep away from heat and flames. Exposure to heat may cause can to burst. Avoid breathing of mists and vapors. Use only in well ventilated areas. Avoid skin and eye contact. Wash thoroughly after handling.

FIRST AID: If swallowed, do not induce vomiting. Call physician immediately. For eye contact, wash thoroughly with water. If inhaled, breathe fresh air. If not breathing, give artificial respiration. Call physician immediately.
MATERIAL SAFETY DATA SHEET

NITROUS OXIDE SPRAY, GUMOUT CARBURETOR AND CHOKE CLEANER

Use only as directed. Intentional misuse by deliberately concentrating and/or inhaling can be harmful or fatal.

KEEP OUT OF REACH OF CHILDREN.

WARNING: This product contains a chemical known to the state of California to cause cancer.

Note: add on top of back panel: Keep away from battery terminals.

MSDS Revisions
Previous Version Date: 8/27/1997

Previous Version Information
No information available

Other
No information available

Prepared By:
Pennzoil-Quaker State Company
Environmental, Safety, Health & DOT Compliance
P.O. Box 2967
Houston, TX 77252-2967 USA

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