



# #1 Network, Inc.

## Material Safety Data Sheet

### #090 - #1 Penetrating Lube

**Product Hazard Ratings:** Health = 2, Fire = 42, Reactivity = 0, Protective Equipment = B  
(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

#### SECTION I - General Information

**Product Name:** #1 Penetrating Lube  
Catalog No. 090

**Manufacturer:**  
Sprayway, Inc.  
484 Vista Avenue  
Addison, IL 60601-4468

**Manufacturer's Phone Number:**  
(800) 332-9000

**Emergency Phone Number**  
(800) 228-5635 x 009 (24 Hrs)

#### SECTION II - Products and Hazardous Ingredients Information:

<u>Chemical Names</u>	<u>CAS#</u>	<u>Exposure Limits (LD50-Oral Rat)</u>	<u>Sara Title III SEC 313</u>	<u>ACGIH TLV/TWA</u>	<u>OSHA PEL</u>	<u>% By Wt.</u>
Petroleum Lube Oil	64742-65-0	NE	--	5mg/m3	5mg/m3	10-20
Deodorized Kerosene	64742-47-8	NE	--	NA	NA	30-40
Mineral Oil	8042-47-5	5g/kg	YES	5mg/m3	NE	20-25
Mineral Spirits*	64741-65-7	>25ml/kg	--	100ppm	100ppm	5-10
Liquified Petroleum Gas	68476-85-7	NE	--	1000ppm	1000ppm	10-20

Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard.

Components Listed as a Suspected Carcinogen: None

\*Stoddard Solvent Used as a Guideline

#### SECTION III - Physical Data

**Boiling Point:** N/A

**Vapor Pressure (psig):** 100@130F

**Vapor Density (Air = 1):** >1

**Solubility in Water:** Negligible

**Specific Gravity (H<sub>2</sub>O = 1):** <1

**Evaporation Rate(Ether = 1):** <1

**Appearance and Odor:** Yellowish liquid with hydrocarbon odor

#### SECTION IV - Fire and Explosion Hazard Data

**Aerosol Flammability:** Product is considered to be extremely flammable as described in 16 CFR 1500.45

**Flammable Limits:** % Volume In Air (Propellant): **LEL:** 1.8 **UEL:** 9.2

**Extinguishing Media:** Carbon dioxide, foam and/or dry chemical may be used.

**Special Fire Fighting Procedures:** Containers should be cooled with water to prevent vapor pressure build up.

Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

**Unusual Fire and Explosions Hazards:** Do not spray near open flame or while smoking. At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

#### SECTION V - Reactivity Data

**Stability:** Stable

**Incompatibility (Materials to Avoid):**

**Hazardous Decomposition Products:**

**Conditions to Avoid:**

**Hazardous Polymerization:** N/A

Strong oxidizers, open flame and heat.

Combustion may produce carbon monoxide, carbon dioxide and additional toxic chemicals may be formed in small amounts.

Do not store above 54C-130F. Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause bursting.



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#### SECTION VI - Health Hazard Data

**Routes of Entry:** Inhalation: X Eyes: X Skin: X Ingestion: X

**Signs and Symptoms of Exposure:** Inhalation may cause dizziness and drowsiness. Eye contact may be irritating. Skin contact may cause redness or irritation. Ingestion of aerosols is not a likely route however, ingestion of the liquid may result in vomiting which could cause aspiration pneumonitis.

**Medical Conditions Generally Aggravated by Exposure:** Preexisting skin or eye disorders may be aggravated by exposure to this product.

**Emergency and First Aid Procedures:** Eye Contact: Flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention if irritation persists. Skin Contact: Remove contaminated clothing. Flush skin with water, follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention. Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, aspiration (breathing) of vomitus into lungs must be avoided by keeping the victim's head below the hips. Get medical attention immediately.

**Note to Physician:** Product contains approximately 50% petroleum distillate. If more than 2.0ml per kg has been ingested and vomiting has not occurred, emesis should be induced with supervision. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

#### SECTION VII - Precautions for Safe Handling and Use

**Releases or Spilled:** Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

**Waste Disposal:** Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

**Handling and Storing:** Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). Store as Level 3 Aerosol (NFPA 30B).

**Other Precautions:** Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

#### SECTION VIII - Employee Protection:

**Respiratory Protection (Type):** None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

**Ventilation:** Local exhaust is adequate under normal conditions, mechanical ventilation is optional.

**Protective Gloves:** Chemical resistant gloves are recommended.

**Eye Protection:** Chemical safety glasses are recommended.

**Other Protective Clothing or Equipment:** Wear impervious clothing to prevent skin contact.

**Work/Hygenic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29CFR 1910.132 and CFR 1910.133.

#### SECTION IX - Other Regulatory Controls:

**Governmental Listings:** Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

#### SECTION X - Transportation (D.O.T. Classification)

Shipping Name: Consumer Commodity Hazard Class: ORM-D

NG-Negligible NA-Not Applicable NE-Not Established UN-Unavailable ND-Not Determined

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