

# MATERIAL SAFETY DATA SHEET

## Superior Lubricants Co., Inc.

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North Tonawanda, New York 14120  
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## HEALTH EMERGENCIES:

Call POISON CONTROL CENTER  
(716) 878-7654

**Product Name:** See Section I

**Issue Date:** 1/30/92

### I. MATERIAL IDENTIFICATION

Name: Petroleum Naphthas

Synonyms:

Hydrotreated Napthhas – cas no. 64742-48-9

Mineral Spirits – cas no. 64742-48-9

Parts Cleaner – cas no. 64742-48-9

Stoddard Solvent – cas no. 8052-41-3

Odorless Mineral Spirits – cas no. 64741-65-7

DOT Shipping Name: Petroleum Naphthas

DOT Hazard Classification: Combustible Liquid

UN Number: UN1255

### II. HAZARDOUS INGREDIENTS

| <u>INGREDIENT</u>           | <u>EXPOSURE<br/>LIMIT</u> | <u>UNITS</u> | <u>AGENCY</u> | <u>TYPE</u> |
|-----------------------------|---------------------------|--------------|---------------|-------------|
| Heavy Hydrotreated Napthhas | 100                       | ppm          | ACGIH         | TWA         |
| Stoddard Solvent            | 100                       | ppm          | ACGIH         | TWA         |
| Mineral Spirits             | 100                       | ppm          | ACGIH         | TWA         |
| Odorless Mineral Spirits    | 100                       | ppm          | ACGIH         | TWA         |
| Parts Cleaner               | 100                       | ppm          | ACGIH         | TWA         |

### III. PHYSICAL DATA

Stability: Stable

Incompatibility (materials to avoid): This product is incompatible with strong acids or bases, oxidizing agents and selected amines.

Hazardous Decomposition: Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: Will not occur

Approximate Boiling Point: 307° - 354°F

Vapor Density (air = 1): 4.9

Evaporation Rate (butyl acetate = 1): 0.12/0.2

% Solubility in Water: Negligible

Specific Gravity: .762/.787

Appearance: Clear, little if any color.

Odor: Characteristic

% Volatile: 100%

Vapor Pressure: 3.1mm hg @ 20°C

### IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A LEL: None UEL: None

Flammability Limits: N/A Special Firefighting Procedures: N/A

Extinguishing Media: None required

Unusual Fire and Explosion Hazards: None

Stability: Stable Conditions to Avoid: None

Polymerization: Will not occur

Incompatible Materials: None

Hazardous Decomposition or By Products: Will not decompose except under the most severe fire conditions with the possible generation of aluminum fumes.

## **V. HEALTH HAZARD DATA**

Route of Entry: Inhalation only

Health Hazards: Chronic overexposure to airborne dust may cause wheezing, cough, dyspnea, pneumoconiosis and/or impaired pulmonary function. Acute overexposure to titanium dioxide is not likely to cause adverse effects. Chronic overexposure to titanium dioxide may cause some lung fibrosis and a slight increase in lung tumor incidence in laboratory rats. When titanium dioxide was fed to rats and mice for their lifetimes in carcinogen bioassay, it was not carcinogenic. Titanium dioxide is unlikely to be released from this product.

Alumina is considered a nuisance particulate which will not cause adverse health effects other than respiratory congestion or irritation. Overexposure to synthetic amorphous silica dust by inhalation, skin, oral or dermal route is not expected to cause adverse health effects. Amorphous silica does not cause the lung diseases crystalline silica is known to cause.

Carcinogenicity: None known

Signs and Symptoms of Overexposure: Shortness of breath, coughing and sputum production.

Medical Conditions Generally Aggravated by Overexposure: Smoking may increase effects of overexposure.

## **VI. EMERGENCY AND FIRST AID PROCEDURES**

Remove person to fresh air. Should conditions persist, seek immediate professional medical attention.

## **VII. SPECIAL PROTECTION PROCEDURES**

Respiratory Protection: NIOSH approved dust respirators when exposure exceeds PEL.

Ventilation: Sufficient local exhaust to remove dust.

Protective Gloves: Optional

Eye Protection: Recommended

Other Protective Clothing or Equipment: Optional

Work/Hygenic Practices: Avoid practices which create dust. Always practice safety. All provisions of the toxic substances control act 15 U.S.C.

## **VIII. ENVIRONMENTAL DATA**

The following components are defined as toxic chemicals subject to reporting requirements of section 313 of Title III and of 40 CFR 372 or subject to other EPA regulations.

## **X. DISCLAIMER**

The information contained within this document is believed to be accurate as of the date issued. Because product use is beyond our control, no warranty is given, written or implied. This information is furnished on the condition that the person(s) receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assumes the risk of his use thereof. To determine applicability or effect of any law or regulation with respect to the product, users should consult a legal advisor or appropriate governmental agency.