

1. MATERIAL AND COMPANY IDENTIFICATION

Material Name : **Super S Lead Substitute**
Uses : Fuel Additive

Manufacturer/Supplier : **Smitty's Supply, Inc.**
 PO Box 530
 Roseland, LA 70456
 USA

MSDS Request : 985-748-9687

Emergency Telephone Number : 800-424-9300 – toll free in the U.S., Canada, and
CHEMTREC U.S. Virgin Islands.
 703-527-3887 – for calls originating elsewhere.
 (Collect calls accepted)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	% Range	Trade Secret
Petroleum naphtha	64742-94-5	0.1 – 1.0	
Kerosene, hydrodesulfurized	64742-81-0	5.0 - 10.0	
Naphthalene	91-20-3	0.1 – 1.0	
Petroleum distillate, Aliphatic	68476-34-6	80 – 90	
Potassium carboxylate	Proprietary	1.0 – 5.0	
Xylene (mixed isomers)	1330-20-7	0.1 – 1.0	

3. HAZARDS IDENTIFICATION

Emergency Overview

Danger: Harmful or fatal if swallowed. Eye and skin irritant. Combustible.

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects

Route(s) of Entry:

Absorption, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

See Signs and Symptoms below

Material Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR
1910.1200

Health Hazards: Not expected to be a health hazard when used under normal conditions.

Health Hazards

Inhalation: Irritant to mucous membranes. Repeated exposure may cause narcosis.

Skin Contact: Irritant. Defatting of tissue, dermatitis may occur.

Eye Contact: Irritant. Prolonged contact may cause conjunctivitis.

Ingestion: HARMFUL OR FATAL IF SWALLOWED. May cause burns to mouth, throat and stomach.

Other Health Warnings: Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.

Aggravated Medical Condition: Pre-existing medical conditions of the following organ(s) or organ system (s) may be aggravated by exposure to this material: Skin.

Environmental Hazards: Not classified as dangerous for the environment.

Additional Information: Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

4. FIRST AID MEASURES

Eye Contact: Flush eyes with clean water for 15 minutes while lifting eyelids. Get prompt medical attention.

Skin Contact: Wash with soap and water thoroughly. If adverse effects persist, get prompt medical attention. Launder contaminated clothing before reuse.

Inhalation: Remove to fresh air. If breathing becomes difficult, give oxygen and get prompt medical attention. If breathing stops, give artificial respiration and get prompt medical attention.

Ingestion: DO NOT INDUCE VOMITING! Call Poison Control Center, physician, or hospital emergency room immediately. Aspiration of vomitus into the lungs can cause pneumonitis, which can be fatal.

Note to Physicians: N/E

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water Fog, Foam, Carbon Dioxide, Dry Chemical

Unsuitable Extinguishing Media:

Do not use forced water stream as this could cause the fire to spread.

Products of Combustion:

Normal products of combustion: carbon monoxide, carbon dioxide, and oxides of sulfur and nitrogen.

Protection of Firefighters:

Wear self-contained positive pressure breathing apparatus and protective clothes. Use shield to protect from rupturing and venting containers. At elevated temperatures containers may vent, rupture or burst, even violently.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed.

Environmental Precautions:

Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred. Run off to sewer may create fire or explosion hazard.

Methods for Containment:

Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc).

Methods for Cleanup:

Using a non-metallic scoop, place contaminated material into an approved chemical waste container. Where possible, vacuum spilled liquid using an explosion proof vacuum to recover material.

Other Information:

All equipment used with handling the concentrate must be grounded. If run-off occurs, notify proper authorities as required that a spill has occurred.

7. HANDLING AND STORAGE

Handling Precautions:

Handling: Use with adequate ventilation and proper protective equipment.
Do not use or store near fire, sparks, or flame. Wash hands after use.

Storage Precautions:

Keep container closed tightly when not in use. CAUTION: Combustible.
Store in a cool place below 120°F away from acids, ignition sources and oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Chemical Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>
Petroleum distillate, Aliphatic	N/E	100 ppm	N/E
Kerosene, hydrodesulfurized	N/E	N/E	Not Available
Potassium carboxylate	N/E	N/E	Not Available
Napthalene	10 ppm	10 ppm	Not Available
Xylene (mixed isomers)	100 ppm	100 ppm	Not Available
Petroleum naphtha	N/E	N/E	100 ppm

Engineering Controls:

See above Section for applicable exposure limits. Maintain adequate ventilation. Avoid breathing vapors. In restricted areas, use approved chemical filters designed to remove vapor. In confined areas, use approved air line type respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above TLV limit.

Personal Protective Equipment:

For prolonged exposure wear protective safety glasses, gloves, and apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 300°F	Melting Point: N/A
Boiling Range: N/D	Freezing Point: N/D
Solubility In Water: Insoluble	Evaporation Rate (Butyl Acetate = 1): N/D
Flash Point: >140°F	Flash Point Method: TCC
Odor Threshold: N/D	Appearance and Odor: Dark amber liquid with petroleum odor
Vapor Density (AIR=1): N/D	Vapor Pressure (mm Hg.): N/D
pH Range: N/A	Partition Coefficient: N/D
Decomposition Temp: N/D	Auto-Ignition Temp: N/D
Lower Explosive Limit: N/E	Upper Explosive Limit: N/E
Specific Gravity (H₂O=1): 0.86	
Other Information: N/D	

10. STABILITY AND REACTIVITY

Stability:

Stable

Conditions to Avoid:

Avoid incompatible materials

Incompatible Materials:

Oxidizing agents. Open flame, or spark, and acids

Hazardous Decomposition Products:

Fire: Normal products of combustion: carbon monoxide, carbon dioxide, and oxides of sulfur and nitrogen.

Possibility of Hazardous Reactions:

Will not occur

11. TOXICOLOGICAL INFORMATION

N/D

12. ECOLOGICAL INFORMATION

N/D

13. DISPOSAL CONSIDERATIONS

DISPOSAL: This container may be recycled in a recycling center when empty. Before offering for recycling, empty the can or bottle by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with all local, state government and federal laws and regulations.

14. TRANSPORT INFORMATION

Shipping Name: Not Available

DOT Hazard Class: Not Available

UN/NA#: Not Available

DOT Subsidiary Hazard Class: Not Available

Packing Group: Not Available

Material Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR
1910.1200

Transportation Information:

DOT Shipping Name: Not DOT regulated.

DOT Hazard Class: None

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping purposes.

ICAO/IATA (US)

Shipping Name: Petroleum Products, N.O.S. (Petroleum Distillate, Aliphatic)

Class: 3

Packaging Group: III

UN number: 1268

International:

ICAO/IATA

UN Number: UN1268

Shipping Name: Petroleum products, N.O.S. (Petroleum Distillate, Aliphatic)

Class: 3

Packaging Group: III

IMDG

UN Number: UN1268

Shipping Name: Petroleum products, N.O.S. (Petroleum Distillate, Aliphatic)

Class: 3

Packaging Group: III

EMS: F-E, S-E

15. REGULATORY INFORMATION

SARA 313 Reportable Chemicals.

Xylene – 1330-20-7

Naphthalene -91-20-3

Petroleum Naphtha – 64742-94-5

USA TSCA: All components of this material are listed on the US TSCA Inventory.

Warning: This product contains a chemical(s) known to the State of California to cause cancer or birth defects or other reproductive harm.

State RTK Chemicals:

Xylene – 1330-20-7

Naphthalene – 91-20-3

16. OTHER INFORMATION

Chemical State: Liquid

Chemical Type: Mixture

Hazard Category: Acute, Chronic, Fire.

Additional Manufacturer Warnings:

KEEP AWAY FROM CHILDREN AND ANIMALS!
WEARING CONTACT LENSES IS INADVISABLE.

N/E: Not Established

N/D: Not Determined

N/A: Not Applicable

NFPA (HEALTH, FIRE, : 2, 2, 0
REACTIVITY)

- MSDS Revisions** : A vertical bar (|) in the left margin indicates an amendment from the previous version.
- MSDS Regulation** : The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200
- MSDS Distribution** : The information in this document should be made available to all who may handle the product.
- Disclaimer** : The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety, and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.