
SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade name LINPAR 1416-V Normal Paraffin
Synonyms Mixture of Tetradecane, Pentadecane and Hexadecane
Use Industrial use, Lighting, Metal Processing, Oilfield Drilling
Company Silver Fern Chemical, Inc.
Address 2226 Queen Anne Ave. North, Suite C
Seattle, WA 98109, USA
Phone: 1-866-282-3384
Business Contact
Customer Service : 1-866-282-3384
info@silverfernchemical.com

Emergency phone number 24 Hour Emergency Contact
Infotrac 1-800-535-5053 (USA & Canada)
Outside USA & Canada 1-352-323-3500

SECTION 2 HAZARDS IDENTIFICATION

GHS Hazards

Aspiration hazard Category 1

LABEL ELEMENTS

Hazard symbols



Signal word Danger

Hazard statements H304 May be fatal if swallowed and enters airways.

Precautionary statements

Response P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.

Storage P405 Store locked up.

Disposal P501 Dispose of contents/ container to an approved waste disposal plant.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS-No.</u>	<u>Weight percent</u>
C14-16 Normal Paraffins	90622-46-1	100

**LINPAR 1416-V Normal Paraffin**

See Section 8 for Exposure Guidelines and Section 15 for Regulatory Classifications.

SECTION 4 FIRST AID MEASURES

- Eye contact** Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.
- Skin contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- Inhalation** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
- Ingestion** Do NOT induce vomiting. Consult a physician.

SECTION 5 FIREFIGHTING MEASURES

FLAMMABLE PROPERTIES

Fire/explosion NFPA Class IIIB combustible liquid.

Suitable extinguishing media Water spray, Foam, Dry chemical, Carbon dioxide (CO₂)

Protective equipment and precautions for firefighters In the event of fire, wear self-contained breathing apparatus.

Further information Keep containers and surroundings cool with water spray.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and cleaning up Evacuate the area and eliminate all sources of ignition. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7 HANDLING AND STORAGE

Safe handling advice Ensure all equipment is electrically grounded before beginning transfer operations.

Storage/Transport pressure Ambient

Load/Unload temperature Ambient, above freezing point. (Product will freeze at 4°C)

EXPOSURE CONTROLS/PERSONAL PROTECTION



LINPAR 1416-V Normal Paraffin

SECTION 8

ENGINEERING MEASURES

Air contaminant levels should be controlled below the PEL or TLV for this product (see Exposure Guidelines).

PERSONAL PROTECTIVE EQUIPMENT

Eyes Wear as appropriate: Goggles, Face-shield

Skin Wear suitable protective clothing, gloves and eye/face protection.

Inhalation Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Use NIOSH approved respiratory protection.

EXPOSURE GUIDELINES

Contains no substances with occupational exposure limit values., Sasol Chemicals (USA) LLC recommends an internal limit of 5 mg/m³ (8-hour TWA) for exposure to mists of this product.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance liquid;

Colour water-white, oily

Form liquid

Odour Hydrocarbons

Odour Threshold no data available

Flash point 118 °C, 244 °F; PM;

Flammability Upper explosion limit: 4.7 %(V)

Lower explosion limit: 0.5 %(V)

Boiling point/boiling range 248 - 284 °C, 478 - 544 °F; ASTM D-86;

Melting point/range 4 °C, 39 °F; (Freeze pt.)

Auto-ignition temperature 204 °C, 400 °F;

Decomposition temperature no data available;

Flammability (solid, gas) no data available

Vapour pressure < 0.1 mm Hg @ 20 °C, 68 °F; API Calculation;



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Vapour density	7.1
Density	no data available
Specific gravity	0.768 @ 16 °C,
Water solubility	negligible
Viscosity	2.3 - 2.5 cSt @ 40 °C, 104 °F;
pH	no data available
Evaporation rate	no data available
Partition coefficient: n-octanol/water	no data available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	Stable at normal ambient temperature and pressure.
Chemical stability	No decomposition if stored and applied as directed.
Conditions to avoid	Keep away from heat and sources of ignition.
Hazardous decomposition products	Hazardous gases and vapors produced in fire are oxides of carbon.
Materials to avoid	Oxidizing agents
Hazardous polymerisation	Stable

SECTION 11 TOXICOLOGICAL INFORMATION

Acute dermal toxicity	LD50 rabbit: > 2,000 mg/kg
Acute inhalation toxicity	LC50 rat (4 hours): > 5.8 mg/l
Acute oral toxicity	LD50 rat: > 2,000 mg/kg
Skin corrosion/irritation	(rabbit) Repeated exposure may cause skin dryness or cracking.
Eye damage/irritation	Primary irritation (rabbit): 1 hours, 5.7 (Max. score is 110.) (unwashed eyes), Not irritating



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Respiratory or skin sensitization no data available

Germ cell mutagenicity **Genotoxicity in vitro:**
no data available
Genotoxicity in vivo:
no data available
Assessment Mutagenicity:
Based on available data, the classification criteria are not met.

Reproductive toxicity **Reproductive toxicity:**
no data available
Assessment Reproductive toxicity:
Based on available data, the classification criteria are not met.

Teratogenicity:
no data available
Assessment teratogenicity:
Based on available data, the classification criteria are not met.

STOT - single exposure no data available

STOT - repeated exposure no data available

Aspiration toxicity May be fatal if swallowed and enters airways.

Carcinogenicity **Assessment carcinogenicity:**
Based on available data, the classification criteria are not met.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic toxicity Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.

Toxicity to fish LL50 (Pimephales promelas (fathead minnow)) 96 hours:
In the range of water solubility not toxic under test conditions.

Toxicity to aquatic invertebrates EL50 (Ceriodaphnia Dubia (water flea)) 192 hours:
In the range of water solubility not toxic under test conditions.

Toxicity to algae no data available

Biodegradation Readily biodegradable.

OECD Test Guideline 301F (28 d): 82 %
Test substance: LINPAR 1417



LINPAR 1416-V Normal Paraffin

Bioaccumulation no data available

Mobility in soil no data available

Other adverse effects no data available

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Code Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, please dispose in accordance with state and federal (40 CFR 262) hazardous waste regulations.

Disposal methods Dispose of only in accordance with local, state, and federal regulations.

Empty containers. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, triple-rinsed, properly bunged and promptly returned to a drum reconditioner, or properly disposed.

SECTION 14 TRANSPORT INFORMATION

DOT Not regulated.

IATA Not regulated.

IMDG Not regulated.

SECTION 15 REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS**

OSHA Hazards (HCS 1994)
Non-hazardous substance

TSCA Inventory Listing

Components
Alkanes, C14-16

CAS-No.
90622-46-1

SARA 302 Status

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.



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SARA 311/312 Classification

Non-hazardous substance

SARA 313 Chemical

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US. EPA CERCLA Hazardous Substances (40 CFR 302)

none

INTERNATIONAL REGULATIONS

WHMIS Classification

WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria.

European Union

Classification and labelling according to Directive 67/548/EEC.

Xn: Harmful

R65 Harmful: may cause lung damage if swallowed.

Australia. Inventory of Chemical Substances (AICS)	Listed
Japan. Inventory of Existing and New Chemical Substances (ENCS)	Listed
Japan. Industrial Safety & Health Law (ISHL) Inventory	Listed
Canada. Domestic Substances List (DSL) Inventory	Listed
This product or a component is the subject of a Significant New Activity (SNAc) notice under CEPA.	
Canadian Non-Domestic Substance Listing (NDSL)	Not listed
Philippines. Inventory of Chemicals / Chemical Substances (PICCS)	Listed
Korea. Existing Chemicals Inventory (KECI)	Listed
China. Inventory of Existing Chemical Substances (IECSC)	Listed
Mexico. National Inventory of Chemical Substances (INSQ)	Not listed
New Zealand. Inventory of Chemicals (NZIoC)	Listed
Switzerland. Inventory of Notified New Substances (CHINV)	Listed
Taiwan. National Existing Chemical Inventory (NECI)	Listed

Please note: The names and CAS numbers which are used for this product in the stated inventories may deviate from the information which is listed in Section 3.

STATE REGULATIONS



LINPAR 1416-V Normal Paraffin

California Prop. 65
none

SECTION 16 OTHER INFORMATION

HAZARD RATINGS

	<u>Health</u>	<u>Flammability</u>	<u>Physical Hazard/ Instability</u>
HMIS®	1	1	0
NFPA	1	1	0

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