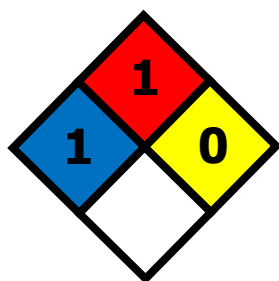


Material Safety Data Sheet



NFPA



HMIS

Health Hazard	1
Fire Hazard	1
Reactivity	0

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Revision Number 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	STIHL PLATINUM BAR & CHAIN LUBRICANT
Product Code	Part Number: 0781-516-5001 (Quart), 7010-871-0211 (Gallon)
Recommended Use	Bar and chain lubricant
Manufactured by:	Omni Specialty Packaging 10399 S. Hwy 1 Shreveport, LA 71115 Phone: 1 (318) 524-1100
Emergency Telephone Number	CHEMTREC 1 (800) 424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance Straw Viscous Liquid **Physical State** Liquid **Odor** Petroleum odor

Potential Health Effects

Principal Routes of Exposure Eye contact, Skin contact, Inhalation, Ingestion

Acute Toxicity**Eyes**

Eye contact may result in slight irritation and redness.

Skin

Substance minimally irritating upon direct contact.

Inhalation

Low hazard at standard temperatures and pressures. Inhalation of oil mist or fumes can cause irritation of the nose, throat and upper respiratory tract

Ingestion

Do not ingest. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Other

On rare occasions, prolonged and repeated exposure to oil mist poses a risk of pulmonary disease such as chronic lung inflammation. This condition is usually

asymptomatic as a result of repeated small aspirations.

Chronic Effects

Prolonged exposure may cause chronic effects.

Aggravated Medical Conditions

Personnel with pre-existing skin disorders should avoid contact with this product.

Environmental Hazard

See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula

Mixture

Chemical Name	CAS-No	Weight %
Heavy Hydrotreated Naphthenic Distillates (Petroleum)	64742-52-5	85 - 99
Hydrotreated Heavy Paraffinic Petroleum Distillates	64742-54-7	0 - 15
Petroleum Product Additive	Mixture	1

4. FIRST AID MEASURES

Eye Contact

Flush with large amount of water for 15 minutes. Get medical attention if eye irritation develops or persists. If material is hot, treat for thermal burns and take victim to the hospital immediately.

Skin Contact

Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention immediately if skin discoloration occurs.

Inhalation

This material is not expected to present an inhalation exposure at ambient conditions

Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Get immediate medical attention or advice.

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties

Not flammable.

Flash Point

410°F

Suitable Extinguishing Media

Water Fog. Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable Extinguishing Media

Not Available

Hazardous Combustion Products

Not Available

Explosion Data**Sensitivity to Mechanical Impact**

Not sensitive.

Sensitivity to Static Discharge

Not sensitive.

Protective Equipment and Precautions for Firefighters

Wear positive pressure self-contained breathing apparatus (SCBA). Use water to cool containers exposed to flames. Structural firefighters' protective clothing will only provide limited protection. Mist or sprays may be flammable below the product normal flash point.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation. If spilled, take caution, as material can cause surfaces to become very slippery.
Methods for Containment	Dike far ahead of liquid spill for later disposal.
Methods for Cleaning Up	Pick up free liquid for recycle and/or disposal. Residual liquid and/or solid can be absorbed on inert material.
Evacuation Procedures	
Large Spill	Consider initial downwind evacuate for at least 300 meters (1000 feet).
Fire	If tank, rail car or tank car is involved in a fire, isolate for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions.
Reporting Requirements	Spills that enter a water body must be reported immediately to the USEPA's National Response Center at (800)424-8802. Check with your local and state regulators regarding their reporting requirements.

7. HANDLING AND STORAGE

Handling	Do not pressure, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode. See NFPA 30 and OSHA 1910.106 – flammable and combustible liquids.
Storage	Store away from heat, sparks, open flame, or strong oxidizing agents in closed and properly labeled containers. Empty containers retain product residue (liquid, and/or vapor) and can be dangerous

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Heavy Hydrotreated Naphthenic Distillates (Petroleum) 64742-52-5	5 mg/m ³ 8 hour(s). Form: Mist	5 mg/m ³ 8 hour(s). Form: Mist	2,500 mg/m ³ Form: Mist
Hydrotreated Heavy Paraffinic Petroleum Distillates 64742-54-7	5 mg/m ³ 8 hour TWA Form: Mist	5 mg/m ³ 8 hour TWA Form: Mist	10 mg/m ³ 15 minute(s). Form: Mist

Engineering Measures	Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended limits.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses or face shield where splashing is possible. Full face-shield to be worn during emergencies.
Skin and Body Protection	As needed to prevent repeated skin contact. Solvent resistant gloves should be used if needed.
Respiratory Protection	Not normally needed. During emergencies wear respirator.
Hygiene Measures	Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Straw Viscous Liquid	Odor	Mild Petroleum Oder
Physical State	Liquid	pH	N/A
Flash Point	410°F	Autoignition Temperature	>315.6 °C / > 600°F
Boiling Point/Range	N/A	Freezing Point	<-34°C / <-29.2°F
Explosion Limits	N/A	Flammability Limits in Air	N/A
Specific Gravity	0.91	Solubility	Negligible
Evaporation Rate	N/A	Vapor Pressure	N/A
Vapor Density	Not Determined	Density	N/A

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible Products	Open Flame and strong oxidizing agents.
Conditions to Avoid	Heat, flames, and sparks.
Hazardous Decomposition Products	Decomposition and combustion products may include smoke, carbon dioxide, carbon monoxide, and toxic fumes.
Hazardous Polymerization	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information	Test on similar materials show a low order of acute oral and dermal toxicity.
Acute Oral Effects	Test on similar materials indicates low order of acute toxicity.
Acute Inhalation Effects	Low acute toxicity expected on inhalation.
Skin Effects	Practically non-toxic if absorbed. Other similar highly refined products have not shown skin tumors in mouse skin painting studies.
Eye Irritation	Minimal irritation on contact. Eye irritation slightly or practically non-irritating base on similar products.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Heavy Hydrotreated Naphthenic Distillates (Petroleum) 64742-52-5	Rat >5000 mg/kg	Rabbit >5000 mg/kg	Rat > 2.18 mg/L 4 hours
Hydrotreated Heavy Paraffinic Distillates (Petroleum) 64742-54-7	Rat >2000 mg/kg	Rabbit >2000 mg/kg	Rat > 2.18 mg/L 4 hours

Chronic Toxicity

Chronic Toxicity	Prolonged exposure may cause chronic effects.
Carcinogenicity	Not considered a potential carcinogen base on IP346 DMSO of < 3.0 wt%
Target Organ Effects	Respiratory system, Eyes, Skin,
Genotoxicity	This product is considered non-mutagenic and has negative potential for tumor development based on from Modified Ames Assay, with Mutagenic Index of <1.0.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations. Keep this product out of sewers and waterways.

Contaminated Packaging

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION**DOT**

Not regulated

IATA

Not regulated

IMDG/IMO

Not regulated

15. REGULATORY INFORMATION**International Inventories**

	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Heavy Hydrotreated Naphthenic Distillates (Petroleum) 64742-52-5	Present	X	265-155-0	x	X	x	X	X
Hydrotreated Heavy Paraffinic Petroleum Distillates 64742-54-7	Present	X	265-157-1	X	X	X	X	X

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

If spilled into navigable waters it is reportable to National Response Center, 800-424-8802. Reportable Quantity = Oil Sheen present on navigable water surface. (40 CFR 116; 401.15)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

Florida

No listed ingredients are present

Massachusetts RTK

No listed ingredients are present

Minnesota RTK

No listed ingredients are present

New Jersey RTK

Lists petroleum oil, but this product does not contain hazardous ingredients.

Pennsylvania RTK

Lists petroleum oil, but this product does not contain hazardous ingredients greater than 3%.

Illinois DOL TSL

No listed ingredients are present

International Regulations**Mexico – Grade**

No information available.

Canada

Not listed on the Canadian Controlled Product Ingredient Disclosure and is compliant with Controlled Products Regulation

CONEG Metals

Since cadmium, chromium, lead and mercury are not detectable and it does not exceed 100ppm total in this product, it is compliant with CONEG Metals regulation.

EEC (Europe)

This product is not known to be a dangerous good internationally.

R-Phrases

R45: May Cause Cancer

S-Phrases

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S53: Avoid exposure - obtain special instructions before use.

Hazard Label

None

Danger Symbol

None

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION**Prepared By**

Jim Prothro

Issuing Date

June 20, 2010

Revision Date

August 22, 2013

Revision Note

Not applicable

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS