

# Material Safety Data Sheet

## Omni Specialty Packaging

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998  
 Packaged for Stihl Incorporated, 536 Viking Drive, Virginia Beach, VA 23452

1. Product and Company Identification	
Product Name STIHL BAR AND CHAIN LUBRICANT PART NUMBER; 0781-516-5001(32oz); 0781-516-5008 (1 gal); 0781-516-5006 (5 gal); 0781-516-5007 (55 gal).	MSDS Code Number
Trade Name & Synonyms	Date of Last Revision 03/17/2009
Chemical Name	Manufacturer Omni Specialty Packaging
C.A.S. Number	Address 10399 Hwy. 1 Shreveport La. 71115
Grades or Minor Variant Identities	Information Telephone Number (318) 524-1100
	Foreign Emergency Telephone Number
Product Use (for Canada)	Emergency Telephone Number (318) 524-1100

2. Composition/Information on Ingredients			
Hazardous Components	C.A.S Number	Exposure Limits Oil Mist	%
Naphthenic Petroleum Oil	64742-53-6	5MG/M3	93-99
Polymeric Hydrocarbon In Mineral Oil	Mixture	5MG/M3	1-7
OSHA Regulatory Status 29 CFR 1910.1200.			

3. Hazards Identification					
Emergency Overview					
This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposures	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	Irritating, but will not permanently injure eye tissue.				
Skin	Minimally irritating upon direct contact.	May cause irritation.			
Inhalation	Will no produce vapors unless heated to temperatures of ~300 °F.				
Ingestion	Do not ingest. May cause nausea, vomiting/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.				
Medical Conditions Aggravated by Exposure					
Personnel with pre-existing skin disorders should avoid contact with this product.					

4. First Aid Measures			
Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed
Eye	Flush with large amount of water for several minutes. Get medical attention if eye irritation develops or persists.		
Skin	Wash skin with soap and water for several minutes. Remove contaminated clothes and wash before reuse. Get medical attention if skin irritation develops or persists.		
Inhalation	If headache, nausea, irritation, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.		
Ingestion	If more than several mouthfuls have been swallowed, give two glasses of water (16 Oz.). Get immediate medical attention or advice.		
Other	Not available		
Note to Physicians (Treatment, Testing, and Monitoring) Not available			

5. Fire Fighting Measures																
Flashpoint Method:	°F	Flammable (Explosive) Limits in Air LEL	UEL	Autoignition Temperature	°F	<table border="1"> <thead> <tr> <th colspan="2">Hazard Rating</th> </tr> </thead> <tbody> <tr> <td>Health</td> <td>1</td> </tr> <tr> <td>Fire</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>PPE</td> <td>B</td> </tr> </tbody> </table>	Hazard Rating		Health	1	Fire	1	Reactivity	0	PPE	B
Hazard Rating																
Health	1															
Fire	1															
Reactivity	0															
PPE	B															
COC	420	Not determined	Not determined	(> 315°C)	600											
Flame Propagation or Burning Rate (for solids)	Not Available	Properties Contributing to Fire Intensity	Not Determined	Flammability Classification	Not Available											
Extinguishing Media	Water fog, foam, CO <sub>2</sub> , dry chemical	Extinguishing Media to Avoid	Not Available	Reactions to Extinguishing Media	Not Available											
Protection and Procedures for Firefighters																
Wear positive pressure self-contained breathing apparatus (SCUBA). Use water to cool containers exposed to flames. Structural firefighters' protective clothing will only provide limited protection.																
Unusual Fire and Explosion Hazards																
Mist or sprays may be flammable below the product normal flash point.																

6. Accidental Release Measures	
Spill/Leak Clean-up Procedures and Equipment	
Observing health hazards described above, ventilate area. Dike to contain spill. Pick up free liquid for recycle and/or disposal. Residual liquid and/or solid can be absorbed on inert material. Keep from sewers and natural water.	
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.	
Special Instructions	
When using this material, do not eat, drink, or smoke. Wash thoroughly after handling. Keep away from animals and children.	
Reporting Requirements	
Spills that enter a water body must be reported immediately to the USEPA's National Response Center at (800)546-2972. Check with your local and state regulators regarding their reporting requirements.	

7. Handling and Storage	
Handling Practices and Warnings	
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 Practices and Warnings	
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 Control/Personal Protection		
Other Engineering controls	Ventilation	
N/A	Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended limits.	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies
Eye/Face	Safety glasses or face shield where splashing is possible.	Full face shield
Skin	As needed to prevent repeated skin contact. Solvent resistant gloves should be used if needed.	
Inhalation	Not normally needed.	Respirator

9. Physical and Chemical Properties		
Appearance <b>Straw Viscous liquid</b>	Odor Petroleum odor	
Normal Physical State:	Boiling Point	404 °C
<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Gas	Melting Point
		N/A °F
<input type="checkbox"/> Solid	<input type="checkbox"/> (Other)	Freezing Point
		<-34 °C
Specific Gravity or Density (H <sub>2</sub> O = 1) .91	Solubility in Water Negligible	pH Not available
Vapor Pressure (mm Hg.) N/A	Vapor Density (AIR = 1) 1+	Evaporation Rate (Butyl Acetate = 1) N/A
Other N/A		

10. Stability and Reactivity		
Incompatibility (Materials to Avoid) Strong oxidizing agents.		
Hazardous Products Produced During Decomposition Carbon monoxide, carbon dioxide, and oxides of boron and phosphorus.		
Hazardous Polymerization?	<input type="checkbox"/> May Occur	<input checked="" type="checkbox"/> Will Not Occur
	Conditions to Avoid	
Stability?	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable
	Conditions to Avoid Sources of ignition	

11. Toxicological Information
<p>Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data</p> <p><b>Acute Toxicity:</b> Test on similar materials show a low order of acute oral and dermal toxicity.</p> <p><b>Acute oral Effects:</b> Test on similar materials indicates low order of acute toxicity.</p> <p><b>Acute Inhalation Effects:</b> Low acute toxicity expected on inhalation.</p> <p><b>Skin Effects:</b> Practically non-toxic if absorbed.</p> <p><b>Eye Irritation:</b> Minimal irritation on contact. Eye irritation slightly or practically non-irritating base on similar products.</p> <p><b>Carcinogenicity:</b></p> <p><b>Skin:</b> Not considered a potential carcinogen base on IP346 DMSO of less tan 3.0 wt%</p> <p><b>Genotoxicity:</b> This product is considered non-mutagenic and has negative potential for tumor development based on from Modified Ames Assay, with Mutagenic Index of less than 1.0.</p>

**12. Ecological Information**

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements  
 No data is available on the adverse effects of this material on the environment. A film or sheen will cause discoloration of the water surface or adjoining shoreline.

**13. Disposal Considerations**

Regulations  
 Dispose in accordance with all local, state, and federal regulations. Keep this product out of sewers and waterways.  
 Note: State or local requirements may differ from federal regulations. Processing or using this product may make the information here inappropriate. Waste generators are responsible for waste classification, transport, and disposal.

**14. Transport Information**

Regulated for shipping? <input type="checkbox"/> Yes                      X                      No	Proper Shipping Name N/A	Packing Group N/A
Do changes in quantity, packaging, or shipment method change product qualification? <input type="checkbox"/> Yes                      x                      No	Hazard Class N/A	Identification Number N/A
Other No Known		

<b>15. Regulatory Information</b>	
Federal Regulations (OSHA, TSCA, CERCLA, FIFRA, EPCRA, CAA, CWA, SDWA, CPSA, DEA, FDA/USDA, etc.)	
State Regulations	
<b>U.S. Federal Regulatory Information:</b>	
CERCLA/SARA	
302/304 Categories: Extremely Hazardous Substances (40 CFR 355 Appendix A)	No
311/312 Categories: (40 CFR 370)	Immediate (Acute) Health Effects No Delayed (Chronic) Health Effects No Fire Hazard No Sudden Release of Pressure Hazard No Reactivity Hazard No
313 Categories:	Toxic Chemicals (40 CFR 372) No
Clean Air Act:	Hazardous Air Pollutants (HAPS) No
Clean Water Act:	If spilled into navigable waters it is reportable to National Response Center, 800-424-8802 (40 CFR 116; 401.15) Reportable Quantity = Oil Sheen present on navigable water surface
OSHA (29 CFR 1910):	This product is not hazardous under Hazard Communication Standard 29 CFR 1910.1200
RCRA (40 CFR 261.133)	This product does not meet hazardous waste criteria.
EPA/TSCA Inventory:	The components of this product are listed on the EPA/TSCA inventory of chemicals. CAS No. 64742-53-6
<b>State Regulations:</b>	
California Prop 65	No Proposition 65 chemicals exist in this product, no labeling required.
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
<b>Other Regulations:</b>	
WHMIS (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 100 ppm total in this product, it is compliant with CONEG Metals regulation.
EEC (Europe):	This product is not known to be a dangerous good internationally. No known R-Phrases or S-Phrases Hazard Label None Danger Symbol None
International Regulations	
N/A	
Other	
N/A	

