

# 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 MULTI-PURPOSE LUBRICATING OIL	MSDS Code Number
Trade Name & Synonyms	Date of Last Revision 07/23/2009
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)	For Chemical Emergency, Spill Leak Fire Exposure or Accident Call CHEMTREC Day or Night <b>DOMESTIC NORTH AMERICA 800-424-9300</b>

2. Composition/Information on Ingredients			
Hazardous Components	C.A.S Number	Exposure Limits Oil Mist	%
Heavy Hydrotreated Naphthenic Distillates	64742-52-5	5MG/M3 8HRS	95-99
Proprietary Additive	N/A	N/A	0-5
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	Material splashed in eyes will irritate tissues.				
Skin	Minimally irritating upon direct contact.	May cause irritation.			
Inhalation	This material is not expected to present an inhalation exposure at ambient conditions.				
Ingestion	Do not ingest. May cause nausea, vomiting/diarrhea.				
Other	Exposure to liquids, vapors, mists or fumes should be minimized as a precaution.				
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 15 minutes. Get medical attention if eye irritation develops or persists.		
Skin	Wash with soap and water. Remove contaminated clothes and wash before reuse. Get immediate medical attention if product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or the size.		
Inhalation	This product has a low vapor pressure and is not expected to present an inhalation hazard at ambient conditions.		
Ingestion	Product is non-toxic. Do not induce vomiting. Get immediate medical attention or advice.		
Other	Not available		
Note to Physicians (Treatment, Testing, and Monitoring) Not Available			

5. Fire Fighting Measures														
Flashpoint Method: COC	°F 320	Flammable (Explosive) Limits in Air LEL Not determined	UEL Not determined	Autoignition Temperature °F >343C >650										
Flame Propagation or Burning Rate (for solids) Not Available		Properties Contributing to Fire Intensity Not Determined	Flammability Classification IIIB	<table border="1"> <thead> <tr> <th colspan="2">Hazard Rating</th> </tr> </thead> <tbody> <tr> <td>Health</td> <td>0</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	0	Fire	1	Reactivity	0	PPE	B
Hazard Rating														
Health	0													
Fire	1													
Reactivity	0													
PPE	B													
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. Use water spray, dry chemical foam or carbon dioxide to extinguish the fire. Use water to keep fire-exposed containers cool.														
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)424-8802. 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 Pale straw like color		Odor Petroleum odor	
Normal Physical State:		Boiling Point	>526 ° F
<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Gas	Melting Point	-60 ° F
<input type="checkbox"/> Solid	<input type="checkbox"/> (Other)	Freezing Point	N/A ° C
Specific Gravity or Density (H <sub>2</sub> O = 1) 0.8972	Solubility in Water Negligible	pH N/A	
Vapor Pressure (mm Hg.) <0.001	Vapor Density (AIR = 1) >5	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, fumes, smoke, aldehydes, and other decomposition products, in the case of incomplete combustion.			
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

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data  
**Acute Toxicity:** Product has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possible death.  
**Acute Oral Effects:** Product has a low order of acute oral toxicity.  
**Acute Inhalation Effects:** Low acute toxicity expected on inhalation.  
**Skin Effects:** Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis.  
**Eye Irritation:** Minimal irritation on contact. Eye irritation slightly or practically non-irritating.

**12. Ecological Information**

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements

If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. 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. This product is rapidly biodegradable. Biodegradation is possible within 90 to 120 days in aerobic environments at temperatures above 70°F (21C).

**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 Not regulated by DOT	Packing Group N/A
Do changes in quantity, packaging, or shipment method change product qualification? <input type="checkbox"/> Yes                      x                      No	Hazard Class Not Applicable	Identification Number N/A
Other No Known		

**15. Regulatory Information**

Federal Regulations (OSHA, TSCA, CERCLA, FIFRA, EPCRA, CAA, CWA, SDWA, CPSA, DEA, FDA/USDA, etc.)

State Regulations

**U.S. Federal Regulatory Information:**

CERCLA/SARA

302/304 Categories: Extremely Hazardous Substances Not Applicable  
(40 CFR 355 Appendix A)

311/312 Categories: Immediate (Acute) Health Effects No  
(40 CFR 370) Delayed (Chronic) Health Effects Yes  
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. 64742-52-5

**State Regulations:**

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

**Other Regulations:**

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

None

## 16. Other Information

Label Text, Hazard Rating System, Key Legend, or Other

### Abbreviations

ACGIH(American Conference of Governmental Industrial Hygienists); ANSI(American National Standards Institute); CAS(Chemical Abstract Service); CERCLA(Comprehensive Environmental Response, Compensation, & Liability Act); CFR(Code of Federal Regulations); CHIP (Chemicals Hazard Information & Packaging for Supply); CONCAWE (European Organization for Environment, Health & Safety); CPR(Controlled Products Regulations); DOL (Department of Labor); EED(European Economic Community Directives); EINECS (European Inventory of Existing Commercial Chemical Substances); EL50 (Effective loading rate required to immobilize 50% invertebrate species); ELINCS(European List of New Chemical Substances); EPA (Environmental Protection Agency); EPCRA(Emergency Planning & Community Right-To-Know Act of 1986); EU(European Union); FDA(Food & Drug Administration-USA); GHS (Global Harmonization System); HCS (Hazard Communication Standard); IARC(International Agency for Research on Cancer); ILO(International Labor Organization); LC50(Lethal Concentration 50% test organisms); LD50(Lethal Dose 50% test organisms); LVP-VOC(Low Vapor Pressure Volatile Organic Compound); MSDS(Material Safety Data Sheet); MSHA(Mine Safety & Health Administration); NIOSH(National Institute of Occupational Safety & Health);NTP(National Toxicology Program); OSHA(Occupational Safety & Health Administration); PEL(Permissible Exposure Limit); Prop 65(California Proposition 65); PMCC(Pensky Martin Closed Cup); RCRA(Resource Conservation & Recovery Act); RTK(Right-To-Know); R-Phrases(EU Risk Phrases; S-Phrases (EU Safety Phrases); SARA(Superfund Amendments & Reauthorization Act); TSCA (Toxic Substances Control Act); TSL (Toxic Substance List); TLV(Threshold Limit Value); WHMIS(Workplace Hazardous Materials Information System-Canada); Irl50 (Inhibitory loading rate required to reduce algal growth rate by 50%); Ibl50 (Inhibitory loading rate required to reduce area under growth curve or biomass by 50%); ppm (parts per million); mg/m3 (milligrams per cubic meter); N(no); Y (yes)

<b>NFPA Hazard Rating – Health</b>	<b>0 Slight</b>
<b>-Fire</b>	<b>1 Slight</b>
<b>Reactivity</b>	<b>0 Least</b>

**Prepared By:** Juan Parker **Phone:** (318)524-1100

This MSDS complies with OSHA Hazard Communication Standard (HCS) 29 CFR 1910.1200 and conforms to ANSI Z 400.1 16-Section Format.

Disclaimer: Omni Specialty Packaging believes this information is accurate but not all-inclusive in all circumstances. It is the responsibility of the user to determine suitability of the material for their purposes. No warranty, expressed or implied, is given.

NOTE: OSHA's Hazard Communication Standard (29 CFR 1910.1200) does not require the information requested in Sections 11, 12, 13, 4, 15, and 16 for MSDSs. If your company chooses not to fill in these sections, you may wish to enter something (like N/R for "not regulated" or N/A for "not applicable") to indicate that the field is purposely being left blank.