



# Material Safety Data Sheet

The Toro Company  
 8111 Lyndale Ave S  
 Bloomington, MN 55420

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## Product Identification

<b>Product Name:</b>	Lubriplate Grease	<b>Parts Number:</b>
<b>Product type:</b>	Petroleum Lubricating Grease	505-101
<b>MSDS #</b>		
<b>Emergency Contact:</b>	Chemtrec : 1-800-424-9300	
<b>Contact Number:</b>	1-952-888-8801	

## Chemical Components

Chemical	CAS #	%	ACGIH TLV	OSHA PEL	Other
Non-hazardous					
for oil mist in air.			5 mg/m3		
Antimony Compound (as Sb)			0.5 mg/m3		

## Physical and Chemical Properties

Characteristics		Physical Properties		Hazards Description	Physical Dangers						
<b>Physical State</b>	Smooth grease	Vapor pressure	<0.01	<b>Stability; Stable Conditions to Avoid N/A</b> <b>Incompatibility (Materials to Avoid)</b> Avoid contact with strong oxidants like liquid chlorine, concentrated oxygen. <b>Hazardous Decomposition or Byproducts</b> May form SO <sub>2</sub> . If incomplete combustion, Carbon Monoxide. <b>Hazardous Polymerization</b> Will Not Occur <b>Conditions to Avoid N/A</b>	<b>Effects of Overexposure</b> Prolonged or repeated skin contact may cause skin irritation. Product contacting the eyes may cause eye irritation. Human health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists and fumes should be minimized. This product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury.						
<b>Color</b>	off-white	pH									
<b>Odor</b>	mineral oil odor.	<b>Boiling Point</b>	>550oF								
<b>HMIS Rating</b> <table border="1"> <tr> <td><b>Health:</b></td> <td>1</td> </tr> <tr> <td><b>Flammability:</b></td> <td>1</td> </tr> <tr> <td><b>Physical Hazard:</b></td> <td>0</td> </tr> </table>		<b>Health:</b>	1			<b>Flammability:</b>	1	<b>Physical Hazard:</b>	0	<b>Melting point/range:</b>	Semi-solid
		<b>Health:</b>	1								
		<b>Flammability:</b>	1								
		<b>Physical Hazard:</b>	0								
		<b>Specific gravity</b>	0.87 -0.89								
<b>Vapor density</b>	>5										
		<b>Evaporation rate</b>	<0.01								
		<b>Solubility in water</b>	Negligible								
		<b>VOCcontent:</b>									
		<b>Flash Point</b>	COC - 335oF								
		<b>Additional Properties</b>									

## Health Hazards

Major Routes of Exposure:	Ingredients Considered Hazardous to Health	Potential Health Effects:
Inhalation		Inhalation.
Skin		Skin contact
Ingestion		Eye contact:.
		Ingestion:

First Aid Measures	Personal Protection
<p><b>EYE CONTACT:</b> Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, consult a physician.</p> <p><b>SKIN CONTACT:</b> Remove any contaminated clothing and wash with soap and warm water. If injected by high pressure under skin, regardless of the appearance or its size, contact a physician IMMEDIATELY. Delay may cause loss of affected part of the body.</p> <p><b>INHALATION:</b> Vapor pressure is very low and inhalation at room temperature is not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician.</p> <p><b>INGESTION:</b> If ingested, call a physician immediately. Do not induce vomiting</p>	<p><b>Respiratory Protection (Specify type)</b> Normally not needed</p> <p><b>Ventilation Local Exhaust</b> Used to capture fumes and vapors</p> <p><b>Protective Gloves</b> Use oil-resistant gloves, if needed.</p> <p><b>Eye Protection</b> If chance of eye contact, wear goggles.</p> <p><b>Other Protective Equipment</b> Use oil-resistant apron, if needed.</p>

## Fire and Explosion Hazards

Extinguishing Media	Special Fire Fighting Procedures	Unusual Fire and Explosion Hazards
Foam, Dry Chemical, Carbon Dioxide or Water Spray (Fog)	<p><b>Flash Point (Method Used)</b> COC - 335oF <b>Flammable Limits</b> LEL 0.9% UEL 7.0%</p> <p>Cool exposed containers with water. Use air-supplied breathing equipment for enclosed or confined spaces</p>	<p>Do not store or mix with strong oxidants. Empty containers retain residue. Do not cut, drill, grind, or weld, as they may explode</p>

## Handling and Storage

Accidental Release /Spill Measures to Take	Precautions for Storage	Handling
Scrape up grease, wash remainder with suitable petroleum solvent or add absorbent. Keep petroleum products out of sewers and water courses. Advise authorities if product has entered or may enter sewers and water courses	Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.	Remove oil-soaked clothing and launder before reuse. Cleanse skin thoroughly after contact.

## Disposal/Transportation

Disposal Method	Transportation
<p>Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal facility or site.</p> <p><b>SARA/TITLE III, Section 313 Status</b> - Zinc Compounds - &lt; 5% Antimony Compounds - &lt;3%</p>	