



Material Safety Data Sheet

SECTION I: Product and Company Identity:

TRADE NAME (AS LABELED): **TS-313 Moly Gear Lube, SAE 80W90**
 MANUFACTURER'S NAME: T.S. Moly-Lubricants, Inc.
 MANUFACTURER'S ADDRESS: 6205 Brookhill #6
 Houston TX 77087
 EMERGENCY PHONE: 713/671-2676 Fax: 713/671-9417
 BUSINESS PHONE: 713/671-2676 Fax: 713/671-9417
 REVIEWED: August 5, 2005
 REVIEWED BY: Jo Nell Salling

SECTION II: Composition /Information on Ingredients

The criteria for listing components in the composition section are as follows: Carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater; nonhazardous components are not listed as being proprietary information. Refer to Section IX for regulatory information.

Ingredient	SARA	CAS No.	OSHA PEL (mg/m ³)	ACGIH TLV (mg/m ³)	% optional
Severely refined mineral oil	no	mixture	5	TWA: 5; STEL: 10	90-95
Automotive gear oil additive	no	mixture	STEL: 500 ppm	STEL: 1230	5-10%

SECTION III: Hazards Identification

SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: Overexposure to this product may cause mild skin irritation, moderate eye irritation, and possible gastric distress if ingested.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known or reported.

CARCINOGENICITY: NTP? No IARC Monographs? No OSHA regulated? No

In accordance with the current OSHA Hazard Communication Standard criteria, this product is not known or reported to be carcinogenic by reference sources including: IARC, NTP, and OSHA.

HAZARDOUS MATERIAL INFORMATION SYSTEM

HEALTH (BLUE)		1	
FLAMMABILITY (RED)		1	
REACTIVITY (YELLOW)		0	
PROTECTIVE EQUIPMENT (WHITE)		B	
EYES	RESPIRATORY	HANDS	BODY
X		X	

See Section 8

SECTION IV: First Aid Measures

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EYES: Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

SKIN: Remove any contaminated clothing and wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

INGESTION: If person is conscious and can swallow, give two glasses of water but do not induce vomiting. If vomiting occurs, give fluids again. Consult a physician if symptoms develop. **DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

INHALATION: If overcome from vapor, remove from exposure and call physician. If necessary, provide respiratory support.

SECTION V: Fire Fighting Measures

Flash Point: 400 °F. Method: COC Flammable Limits: NDA

Extinguishing Media: Carbon dioxide, dry chemical, alcohol foam, water spray.

Special Fire Fighting Procedures: Use water to cool containers exposed to fire. For fires in enclosed areas, firefighters should use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Avoid fumes of burning product.

SECTION VI: Accidental Release Measures

CLEAN WATER ACT/OIL POLLUTION ACT: This product may be classified as an oil under Section 311 of the Clean Water Act, and under the Oil Pollution Act. Discharges or spills into or leading to surface waters that cause a sheen must be reported to the National Response Center (1/800-424-8802).

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Recover free product. Add sand, earth, or some other suitable adsorbent. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered sewers, water courses, or extensive land areas.

SECTION VII: Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in cool dry area in original or equivalent container in accordance with all applicable regulations. Do not apply high heat or flame to container.

OTHER PRECAUTIONS: Good personal hygiene practices should always be followed.

SECTION VIII: Exposure Controls/Personal Protection

VENTILATION AND ENGINEERING CONTROLS: No special ventilation expected to be needed.

RESPIRATORY PROTECTION: Respiratory protection is not expected to be needed.

EYE PROTECTION: Safety goggles as needed for task.

HAND PROTECTION: Wear rubber gloves if needed for task.

BODY PROTECTION: Use body protection as needed for task.

