

Material Safety Data Sheet

S-77 GEAR-DIP COMPOUND

I. General Information

Chemical Name & Synonyms Greases	Trade Name & Synonyms S-77 GEAR-DIP COMPOUND
Chemical Family	Formula Proprietary
Proper DOT Shipping Name	DOT Hazard Classification
Manufacturer Steelco Industrial Lubricants, Inc.	Manufacturer's Phone Number 219-462-0333
Manufacturer's Address P.O. Box 136, Valparaiso, IN 46383	Chemtrec Phone Number

II. Ingredients

Principal Hazardous Components	Percent	Threshold Limit Value (units)
Asphalt CAS No. 8052424	80-95	NO OSHA PEL
Hydrotreated C25 bright stock-based lubricating oil CAS No. 72623837	5-20	

III. Physical Data

Boiling Point (°F) N/A	Specific Gravity (H ₂ O = 1) N/A
Vapor Pressure (mm Hg.) N/A	Percent Volatile By Volume (%) Percent VOC: 100
Vapor Density (Air = 1)	Evaporation Rate (_____ = 1)
Solubility in Water Neglig	pH
Appearance & Odor Smooth black w/slight pungent odor	

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) 300°F COC	Auto Ignition Temperature Not Determined
Flammable Limits N/A	LEL UEL
Extinguishing Media According to NFPA Guide, use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop the leak.	
Special Fire Fighting Procedures	
Unusual Fire & Explosion Hazards NONE	

V. Health Hazard Data

Threshold Limit Value	OSHA Threshold Limit Value	ACGIH Threshold Limit Value
Carcinogen - NTP Program	Carcinogen - IARC Program	
Symptoms of Exposure EYES: May cause minimal irritation. SKIN: No adverse effects expected unless prolonged contact with clothing or may aggravate an existing dermatitis.		
Medical Conditions Aggravated By Exposure Because of its defatting properties, prolonged and repeated skin contact aggravate an existing dermatitis.		
Primary Route(s) of Entry EYES: May cause minimal irritation SKIN: No adverse effects expected. Prolonged contact as w/clothing may cause mild skin irritation..		
Emergency First Aid EYES: Flush with plenty of water for several minutes SKIN: Wash with plenty of soap & water INGESTION: No adverse effects expected		

VI. Reactivity Data

Stability	☒ Unstable ☐ Stable	Conditions To Avoid
Incompatibility		Materials To Avoid Strong Oxidizers
Hazardous Polymerization	☐ May Occur ☒ Will Not Occur	Conditions To Avoid
Hazardous Decomposition Products		

VII. Environmental Protection Procedures

Spill Response	Contain spill if possible, contain with absorbent materials such as clay or soil and shovel up. Avoid skin and eye contact.
Waste Disposal Method	This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form.

VIII. Special Protection Information

Eye Protection	Chemical-type goggles or face shield recommended	Skin Protection	Workers should wash exposed skin several times daily w/soap & water
Respiratory Protection (Specific Type)	Supplied air respiratory for clearing large spills	Ventilation Recommended	Adequate to meet component occupational exposure limits.
Other Protection			

IX. Special Precautions

Hygienic Practices In Handling & Storage			
Precautions For Repair & Maintenance Of Contaminated Equipment			
Other Precautions	HMIS Health: 0	Flammability: 1	Reactivity: 0 Special: --