



MATERIAL SAFETY DATA SHEET

350 RING ROAD ELIZABETHTOWN, KY 42701 (270) 769-5557 (270) 769-6418

SYNTHETIC MOLY GREASE PART NO. 1090

SECTION I – IDENTITY INFORMATION

Description : Synthetic Moly Disc Brake Grease

SECTION II – HAZARDOUS INGREDIENTS

IF PRESENT, IARL, NTP AND OSHA CARCINOGENS AND CHEMICAL SUBJECT TO THIS REPORTING REQUIREMENTS OF SARA TITLE 111, SECTION 313 ARE IDENTIFIED IN THIS SECTION.

(NON-HAZARDOUS) COMPONENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>WGT %</u>
Molybdenum Disulfide	1317-33-5			1 to 5
Polytetrafluoroethylene	9002-84-0			0.5 to 1.5
Graphite	7782-42-5			1 to 5

PROPRIETARY COMPONENTS

	<u>N.J.T.S.R.N.</u>	
Synthetic Oil	80100362-5019P	60 to 70
	80100362-5004P	1 to 5
	80100362-5014P	1 to 5
	80100362-5008P	20 to 25
	80100362-5018P	0.5 to 1.5
	80100362-5064P	0.5 to 1.0

SECTION III – PHYSICAL DATA

Boiling Point, °F	: N/A
Vapor Pressure	: N/A
Vapor Density	: N/A
Specific Gravity (H ₂ O=1)	: 0.9
Melting Point, °F	: N/A
Evaporation Rate	: N/A
Volatile by Volume, %	: N/A
Solubility in Water	: Insoluble
Appearance, Color and Odor	: Semi solid/Black/Mild odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (ASTM D92) C.O.C.	: 455 ⁰ F
Flammable Limits	: Lower - N/D Upper - N/D
Extinguishing Media	: Dry chemical, carbon dioxide, foam, water fog.
Special Fire Fighting Procedure	: Treat as oil fire; use self-contained breathing apparatus.
Unusual Fire & Explosion Hazards	: None

SECTION V – REACTIVITY DATA

Stability	: Stable
Incompatibility (Materials to Avoid)	: Strong oxidizing agents, welding.
Polymerization	: Will not occur
Thermal Decomposition	: Carbon monoxide, carbon dioxide, trace sulfur, and fluorine compounds.
Conditions to Avoid	: Do not heat above flash point.

SECTION VI – HEALTH HAZARD DATA

Carcinogens	: No carcinogens present.
Route of Entry	: Ingestion
Effects of Overexposure	: May cause irritation to eyes and skin on sensitive individuals.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes	: Flush with water for at least 15 minutes.
Skin	: Wash with soap and water. See physician if irritation persists.
Inhalation	: Remove to fresh air. See physician if irritation persists.
Oral	: Call a physician. Do Not induce vomiting. Keep warm.
Additional	: Prolonged or repeated contact may produce mild skin irritation and inflammation. Personnel with pre-existing skin disorder should avoid contact.

SECTION VII – ENVIRONMENTAL AND DISPOSAL INFORMATION

Action to be Taken For Spill/Leaks	: Stop flow, scrape, wipe, mop up, or absorb with diatomaceous earth or other inert material. Store in appropriate container for disposal.
Disposal Method	: Disposal should be in compliance with federal state, and local laws.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Respiratory Protection	: Normally not needed.
Protective Gloves	: Neoprene or nitrile rubber gloves recommended.
Eye Protection	: Approved safety glasses or goggles.
Other Protection	: Chemically resistant boots and apron recommended
Work/Hygienic Practices	: Use standard methods.

SECTION IX – SPECIAL PRECAUTIONS/ADDITIONAL INFORMATION

Avoid storage near open flame or other sources ignition. Spills may cause slipper floors. Proper footwear required. Remove contaminated clothing and launder before reuse. Wash hand with soap and water before eating, drinking or smoking. Discard contaminated leather gloves and shoes.

SECTION X – TRANSPORTATION INFORMATION

DOT Hazardous Classification	: Not regulated
Grease or oil – N.O.S.	

SECTION XI – HAZARD COMMUNICATION CODES

NFPA RATING:	
Health	: 0
Flammability	: 1
Reactivity	: 0
Personal Protection	: B

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