

MATERIAL SAFETY DATA SHEET

Into Great Brands
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*May be used to comply with OSHA's
Hazard Communication Standard
29CFR 1910.1200. Standard
must be consulted for specific
requirements.*

SECTION I

IDENTIFICATION

Trade Name: Precision Blend 100% Synthetic Grease
Product Code: HL-SL057
DOT Class: Non-Regulated
Chemical Class: Petroleum Hydrocarbon, Synthetic

SECTION II

HAZARDOUS INGREDIENTS--IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Inorganic Thickener	71011-27-3	15 ppm	10 ppm

Other components, if any, are considered to be non-hazardous as per OSHA 29 CFR 1910.1200.

SECTION III

PHYSICAL & CHEMICAL CHARACTERISTICS

Flash Point: 500°F ASTM D92 Cleveland Open Cup
Specific Gravity (H₂O=1): 0.86 @ 15.6°C
Vapor Density (Air=1): NA
Evaporation Rate (N-Butyl Acetate=1): NA
Weight (lb./gal.): 7.18
Solubility in Water: Negligible
Appearance & Odor: Amber grease, mineral oil
Vapor Pressure (mm hg): 1.0 MM HG @20C
Dropping Point (°F): 600
Worked Penetration: 265 - 295
Operating Temperatures: Low -30°F / Max Sustained 350°F / Max Intermittent 400°F

SECTION IV

FIRE & EXPLOSION HAZARD DATA

Extinguishing Media: Use water fog, foam, dry chemical or CO₂. DO NOT use a direct stream of water, product will float and can be reignited on surface of water.
Special Fire Fighting Procedures: Material will not burn unless preheated. DO NOT enter confined fire-space without full bunker gear, including a positive-pressure NIOSH-approved Self Contained Breathing Apparatus.
Unusual Fire & Explosion Hazards: Heating of non-vented container may cause explosion. Keep surrounding containers cool with water spray.
Flammable Limits: Lower N.D. Upper N.D. % volume in air.

SECTION V

REACTIVITY DATA

Conditions and Materials to Avoid: Contact with heat, open flames and oxidizing materials.
Hazardous Decomposition Products: Carbon Monoxide and unidentified organic compounds may be formed during combustion.
Hazardous Polymerization: Will not occur.

SECTION VI

HEALTH HAZARD DATA

SIGNS AND SYMPTOMS OF EXPOSURE:

Eyes: Believed to be minimally irritating.
Dermal: Believed to be minimally irritating.
Inhalation: Believed to be minimally irritating if not in excess of permissible concentrations.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes:	Flush with large amounts of water for 15 minutes.
Dermal:	Remove contaminated clothing and wipe excess off. Wash with soap and water or a waterless hand cleaner followed by soap and water.
Inhalation:	Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.
Ingestion:	In general, no treatment is necessary unless large quantities of product are ingested, however, get medical attention.
NOTE to Physician:	In general, emesis induction is unnecessary in high viscosity, low volatility products, i.e. most oils and greases.
Acute Health Hazards:	Mild irritation of skin and eyes.
Chronic Health Hazards:	None expected at the industrial level.
Carcinogenicity:	This product is NOT listed as a known carcinogen or possible carcinogen NOR does it contain components which are considered carcinogenic by OSHA, NTP, or IARC.

SECTION VII

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contain spill if possible, wipe up or absorb on suitable material and shovel up.

WASTE DISPOSAL METHOD:

In accordance with Federal, State, and Local Laws. Under RCRA, it is the responsibility of the user of products to determine, at time of disposal, whether product meets RCRA criteria for hazardous waste.

SECTION VIII

SPECIAL PROTECTION INFORMATION

Respiratory Protection:	None required if exposures are within permissible concentrations.
Ventilation:	Mechanical to maintain good air flow.
Protective Gloves:	Oil resistant gloves.
Eye Protection:	Chemical type goggles or face shield.
Other:	As needed to minimize skin contact.
Hygienic Practices:	Always wash face, hands, and skin after contact.
Storage:	Store in a cool, dry place with adequate ventilation, keep away from open flames.

SECTION IX

NOTES

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in the use of this material.

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