

SAFETY DATA SHEET

Enviro Blend Food Grade Grease

Prepared according to U.S. OSHA, CMA, ANSI, Health Canadian regulations

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: **Enviro Blend Food Grade Grease**
PRODUCT NUMBER: FG80
PRODUCT DESCRIPTION: Grease
U.N. NUMBER: Not Regulated
U.N. DANGEROUS GOODS CLASS: Not Regulated
SUPPLIER/MANUFACTURER'S NAME: **Primrose Oil Company, Inc.**
ADDRESS: 11444 Denton Drive, P.O. Box 29665, Dallas, Texas 75229 USA
EMERGENCY PHONE: 1-800-633-8253 (For Emergencies Only)
BUSINESS PHONE: 1-972-241-1100 (For product information)
WEB SITE: www.primrose.com
DATE OF PREPARATION: July 5, 2021
DATE OF LAST REVISION: New

SECTION 2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: This product is a off-white to light brown grease.
HEALTH HAZARDS: Direct contact with eyes may cause irritation.
FLAMMABILITY: This product is not classified as flammable with a flash point 179°C.
Reactivity Hazards: No data available.
Environmental Hazards: The environmental effects of this product have not been investigated, however release may cause long term adverse environmental effects.

2.2 LABEL ELEMENTS

US DOT SYMBOLS

CANADA (WHMIS) SYMBOL(S)

EUROPEAN and (GHS) Hazard Symbol(s)

Not Regulated

Complies with WHMIS 2015

None Applicable

Signal Word: **None Applicable**

GHS Hazard Classification(s):

None Applicable

Hazard Statement(s):

None Applicable

Prevention Statement(s):

None Applicable

Response Statement(s):

None Applicable

Storage Statement(s):

None Applicable

Disposal Statement(s)

None Applicable

2.3 OTHER HAZARDS:

None Applicable

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients:	WT%	CAS#	EINECS #	Hazard Classification
All ingredients are non-hazardous or below applicable cut-off limits.				

SECTION 4. FIRST-AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.

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INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing eye problems may be aggravated by prolonged contact.

4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Contact with eyes may cause irritation and redness.

4.3 RECOMMENDATIONS TO PHYSICIANS:

Treat symptoms and eliminate overexposure.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 FIRE EXTINGUISHING MATERIALS:

Use fire extinguishing methods below:

<u>Water Spray:</u>	Yes	<u>Carbon Dioxide:</u>	Yes
<u>Foam:</u>	Yes	<u>Dry Chemical:</u>	Yes
<u>Halon:</u>	Yes	<u>Other:</u>	Any "A" Class

5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS:

None expected

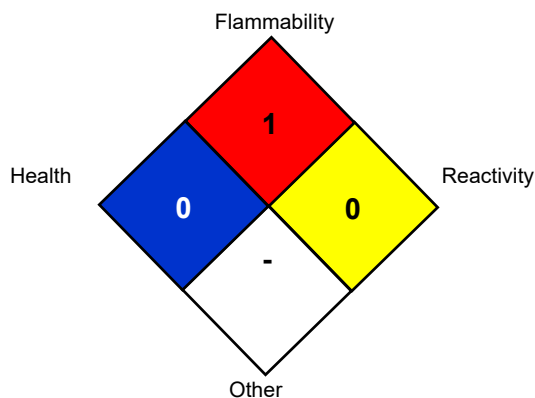
Explosion Sensitivity to Mechanical Impact: No

Explosion Sensitivity to Static Discharge: No

5.3 SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			0
FLAMMABILITY HAZARD (RED)			1
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Use personal protective equipment. Ensure adequate ventilation.

6.2 ENVIRONMENTAL PRECAUTIONS:

Should not be released into the environment. Do not contaminate water. Do not flush into surface water or sanitary sewer system.

6.3 SPILL AND LEAK RESPONSE:

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

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SECTION 7. HANDLING and STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

To prevent skin and eye contact under the foreseeable conditions of use, wear appropriate protective clothing and safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Handle in a well-ventilated work area.

7.2 STORAGE AND HANDLING PRACTICES:

Keep container tightly closed in a dry and well-ventilated place.

7.3 SPECIFIC USES:

Various uses.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 EXPOSURE PARAMETERS:

CAS No.	Ingredient	Source	Value
57-55-6	1,2-Propanediol	OSHA	No Established Limit
		ACGIH	TWA(Aerosol): 10 mg/m ³
		NIOSH	No Established Limit
471-34-1	Calcium carbonate	OSHA	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
		ACGIH	No Established Limit
		NIOSH	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)

8.2 EXPOSURE CONTROLS:

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Safety glasses or goggles are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Chemical resistant gloves are required to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE (Physical State) and COLOR: This product is a off-white to light brown grease

ODOR: None

ODOR THRESHOLD: Not Available

pH: 7.8

MELTING/FREEZING POINT: Not Available

BOILING POINT: Not Available

FLASH POINT: 179°C

EVAPORATION RATE (n-BuAc=1): Not Applicable

FLAMMABILITY (SOLID, GAS): Not Applicable

UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS: Lower Explosive Limit: 0.9, Upper Explosive Limit: 7.0

VAPOR PRESSURE (mm Hg @ 20°C (68°F): Not Applicable

VAPOR DENSITY: >5

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RELATIVE DENSITY: 0.99
SPECIFIC GRAVITY: Not Applicable
SOLUBILITY IN WATER: Insoluble
WEIGHT PER GALLON: Not Available
PARTITION COEFFICIENT (n-octanol/water): Not Available
AUTO-IGNITION TEMPERATURE: 315 C Open Cup
DECOMPOSITION TEMPERATURE: Not Available
VISCOSITY: Not Available

9.2 OTHER INFORMATION:

No additional information available at this time.

SECTION 10. STABILITY and REACTIVITY

10.1 REACTIVITY:

No specific test data related to reactivity available for this product or its ingredients.

10.2 STABILITY:

Stable under conditions of normal storage and use.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 CONDITIONS TO AVOID:

Excessive heat and open flame.

10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:

Strong oxidizing agents and acids.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

TOXICITY DATA: No specific data available.

Acute toxicity	Based on available data, the classification criteria are not met
Skin corrosion / irritation	Based on available data, the classification criteria are not met
Serious eye damage / irritation	Based on available data, the classification criteria are not met
Respiratory or skin sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met

ROUTE OF EXPOSURE: The most significant routes of overexposure for this product are by contact with skin and respiratory system.

ACUTE:

INHALATION: No data available.

CONTACT WITH SKIN: Exposure to skin may cause redness or irritation.

EYE CONTACT: Can cause eye irritation.

INGESTION: May cause gastrointestinal irritation.

CHRONIC: No data available.

TARGET ORGANS: Acute: Eyes

SUSPECTED CANCER AGENT: No data available.

REPRODUCTIVE TOXICITY INFORMATION: No specific information is available concerning the effects of this product and its components on the human reproductive system.

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SECTION 12. ECOLOGICAL INFORMATION

12.1 TOXICITY:

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 Crustacea, mg/l	ErC50 algae, mg/l
White mineral oil (petroleum) - (8042-47-5)	101.00, Oncorhynchus mykiss	101.00, Daphnia magna	101.00, Pseudokirchneriella subcapitata
Calcium carbonate - (471-34-1)	101.00, Oncorhynchus mykiss	101.00, Daphnia magna	No data available.
1,2-Propanediol - (57-55-6)	40,613.00, Salmo gairdneri	18,340.00, Ceriodaphnia dubia	24,200.00, Raphidocelis subcapitata
Polyoxyethylene 20 sorbitan monooleate - (9005-65-6)	101.00, Fish	> 10,000, Daphnia magna	58.94, Algae

12.2 PERSISTENCE AND DEGRADABILITY:

No specific data available on this product.

12.3 BIOACCUMULATIVE POTENTIAL:

No specific data available on this product.

12.4 MOBILITY IN SOIL:

No specific data available on this product.

12.5 RESULTS OF PBT AND vPvB ASSESSMENT:

No specific data available on this product.

12.6 OTHER ADVERSE EFFECTS:

No known significant effects or critical hazards.

12.7 WATER ENDANGERMENT CLASS:

May be water endangering in accordance with EU Guideline 91/155-EWG. Do not allow product to reach ground water, water course or sewage system. At present there are no ecotoxicological assessments for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS:

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

13.2 EU WASTE CODE:

Not determined

SECTION 14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

14.1 U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

UN IDENTIFICATION NUMBER: Not Regulated
PROPER SHIPPING NAME: NA
HAZARD CLASS NUMBER and DESCRIPTION: NA
PACKING GROUP: NA
DOT LABEL(S) REQUIRED: NA
NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER: NA
RQ QUANTITY: None

MARINE POLLUTANT: The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA): This product is not considered as dangerous goods.

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INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is not considered as dangerous goods.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods.

SECTION 15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

UNITED STATES REGULATIONS:

U.S. SARA REPORTING REQUIREMENTS: The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA 311/312: None

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

U.S. TSCA INVENTORY STATUS: The components of this product are listed on the TSCA Inventory or are exempted from listing.

OTHER U.S. FEDERAL REGULATIONS: None known

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain ingredients on the Proposition 65 Lists.

15.2 CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: Components are DSL Listed, NDSL Listed and/or are exempt from listing

OTHER CANADIAN REGULATIONS: Not applicable.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product has been classified per WHMIS 2015.

15.3 INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Not determined.

Australian Inventory of Chemical Substances (AICS): Not determined.

Korean Existing Chemicals List (ECL): Not determined.

Japanese Existing National Inventory of Chemical Substances (ENCS): Not determined.

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Not determined.

Swiss Giftliste List of Toxic Substances: Not determined.

U.S. TSCA: Not determined.

SECTION 16. OTHER INFORMATION

PREPARED BY: Chris Eigbrett

DATE OF PRINTING: April 24, 2024

MSDS to GHS Compliance

www.MSDStoGHS.com

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Primrose Oil Company, Inc. assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Primrose Oil Company, Inc. assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

END OF SDS SHEET