

SAFETY DATA SHEET

GHS

Date: November 5, 1999 Revision number: 3
Revision date: March 11, 2022 Page number: 1 Total pages: 11

SECTION 1: Identification of the substance/mixture and of the company/undertaking:

1.1. GHS Product identifier;

Substance/mixture: Proprietary mixture
Number: AEC-505
Other means of identification: Sludge out 501

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Relevant identified uses of the substance: Extra Life Oil Additive
No relevant identified uses of the substance: None

1.3. Details of the supplier of the safety data sheet:

Manufacturer:

Manufacturer's name or trade name: Bishop's Original Products, Inc.
Place of business or residence: 7111 Clinton Drive,
Houston, Texas 77020,
Tel. 713 671 2545
Fax: 713-671-2545
e-mail: jbishop5837@gmail.com

Emergency telephone number: North America (713) 671 - 0774 (office hours)
Chemtrec: (800) 424 - 9300

Distributor:

Distributor's name or trade name:
Place of business or residence:
Phone number:
e-mail address:
Web page address:

Qualified person responsible for this Safety Data Sheet:

Name or trade name: John Bishop, Sr. Bishop's Original Products, Inc.
e-mail address: jbishop5837@gmail.com

SECTION 2: Hazards identification:

2.1. GHS classification of substance or mixture:

Hazard Class and Category;

This product is not considered as hazardous under the criteria of the OSHA Hazard Communication Rule, 29 CFR 1900.1200

Physical hazard: Not classified.

Health hazard: Not classified.

OSHA defined hazards: Not classified.

LABEL ELEMENTS:

Hazard symbol: NFPA diamond.

Signal word: None

Hazard statement: This product does not meet the criteria classification.

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Precautionary statement;

Prevention: Observe good industrial hygiene practices.
Response: Wash hands after handling.
Storage: Store away from incompatible materials.
Disposal: Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC): None.

Precautionary statement(s);

Observe good industrial hygiene practices.
Keep out of reach of children.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Store in well ventilated place.
Do not get in eyes, on skin or on clothing.
Dispose of contents/container in according to local regulations.

SECTION 3: Composition/information on ingredient:

3.1. Mixture:

Chemical name	CAS number	EINECS	%
Parafin oils (petroleum), catalytic dewaxed heavy.	64742-70-7	266-174-4	60 to 80
Mineral oils	Mixture		20 to 55

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Composition comments: IP346 method DMSO extract for base oil substances: <3.0%.

Note:This formulation is a "Trade Secret". The classification as a carcinogenic need not apply if it can be shown that the substance contains less than 3% of substances extractable into dimethylsulfoxide (DMSO), as measured by IP 346 method. This product is not carcinogenic.The additional proprietary components in this product is not considered hazardous as defined in the OSHA Hazard Communication Standard 29,CFR 1900.1200 or contain components in sufficient concentrations to require a hazard classification for health in accordance with EC Directives.

The full text of all the phrases and instructions set out in Section 16.

Section 4: First aid measures:

4.1. Description of first aid measures;

If any health problems are manifested or if in doubt, inform a doctor and show him information from this Safety Data Sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled.

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In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

Inhalation:

Move the affected person to fresh air immediately while paying attention to your own safety; do not let the person walk! Depending on the situation, rinsing of the mouth and/or nose as appropriate with water can be recommended. Change the clothes of the affected person if contaminated by the substances. Protect the affected person against getting cold. Depending on the situation, call medical rescue service or ensure medical treatment considering the need of further observation for at least 24 hours.

Skin contact:

Remove contaminated clothing and shoes immediately. Take off any rings, watches or bracelets, etc. Wash off immediately with soap and plenty of water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes. If high pressure injection under the skin occurs, always seek medical attention.

Eye contact:

Immediately flush eyes with plenty of water. Open the eyelids wide (using force if needed). Remove contact lenses immediately if present and easy to do. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Get medical attention, specialized if possible, as quickly as possible. Everyone must be referred for treatment even if affected only a little.

Ingestion:

Rinse mouth thoroughly. DO NOT INDUCE VOMITING, without advice from poison control center. If vomiting occurs naturally, have victim lean over to avoid aspiration. Get medical attention immediately. NEVER give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed:

Inhalation:

Vapor inhalation under ambient conditions is not normally a problem.

Skin Contact: Repeated or prolonged contact may cause drying, cracking or irritation.

Eye contact:

May cause Eye Irritation.

Ingestion:

Product has a low order of acute oral and dermal toxicity, but minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury. Do not induce vomiting, without advice from poison control center. Call a physician immediately.

4.3. Indication of any immediate medical attention and special treatment needed:

Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

Section 5: Firefighting measures:

5.1. Extinguishing media:

Suitable extinguishing media:

Use water spray, water fog, dry chemical powder, or carbon dioxide (CO₂).

Unsuitable extinguishing media:

Do not use water jet.

5.2. Specific hazards arising from the chemical or mixture:

The product is not flammable. Will burn if involved in a fire.

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5.3. Special protective equipment and precautions for firefighters:

Avoid breathing smoke and vapor. Use a self-contained positive pressure or pressure demand breathing apparatus and wear full-body protective clothing and face mask. Respiratory and eye protection required for fire fighting personnel.

Use water fog only to cool containers and to wash away, avoid spraying water directly into containers, due to danger of boil over.

5.4. Fire fighting equipment / instructions:

Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area, if you can do it without risk. In the event of fire, cool tanks with water spray. Cool containers exposed to flames with water until well after the fire is out. For massive fire, use unmanned hose holders or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Water runoff can cause environmental damage. Use compatible foam to minimize vapor generation as needed.

5.5. General fire hazards:

This product is not flammable. Will burn if involved in a fire.

Section 6: Accidental release measures:

6.1. Personal protections, protective equipment and emergency procedures:

Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate clothing. In case of spills, beware of slippery floors and surfaces. See Section 8 of the SDS for Personal Protective Equipment.

6.2. Environmental precautions:

Contain spillages with sand, earth or any suitable absorbent material. Prevent spillage from entering a watercourse or sewer, contaminating soil or vegetation. If this is not possible notify police and appropriate authorities immediately. Clean surface thoroughly to remove residual contamination.

6.3. Methods and material for containment and cleaning up:

Small spills: Absorb with sand, earth or other non-combustible absorbents and transfer to containers for disposal. Clean surface thoroughly to remove residual contamination.

Large spills: Prevent entry into waterways, sewers, basements or confined areas. If necessary dike the product with dry earth, sand similar non-combustible materials. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps. Clean surface thoroughly to remove residual contamination.

Large spills may require excavation of contaminated soil. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Water spill: Large spills, warn other shipping. Notify port or relevant authority and keep public away. Shut off source if possible to do so without hazard. Confine if possible. Remove from surface of water by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies. Sinking and / or suitable dispersant may be used in non-confined waters.

6.4. Reference to other sections: 7, 8, and 13.

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Section 7: Handling and storage:

7.1. Precautions for safe handling:

Keep containers closed. Handle containers with care. Open slowly in order to control possible pressure release. Do not handle, store or open near an open flame, source of heat or sources of ignition. Avoid prolonged or repeated contact with skin.

Beware of potential for surfaces to become slippery. Material may accumulate static charges, which may cause electrical spark (ignition source). Use proper grounding procedures. Do not pressurize, cut or weld containers. Empty product containers may contain product residue. Do not reuse empty containers without commercial cleaning or reconditioning.

7.2. Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated dry place, away from incompatible materials, open flames and high temperatures. Continue to observe all precautions.

7.3. Storage temperature (Deg. C): Ambient

Transport temperature (Deg. C): Ambient

Loading/unloading temperature (Deg. C): Ambient

Viscosity (cSt): ND

Storage/transport pressure (kPa): Atmospheric

Electrostatic accumulation hazard: Yes, use proper grounding procedures

The specific requirements or rules relating to the substance / mixture: ND

7.4. Specific end use(s): Follow the instructions mentioned on the label.

Section 8. Exposure controls/personal protection:

8.1. Occupational exposure limits:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000).

Components	Type	Value	Form
Oil Mist, mineral (CAS-)	PEL	5 mg/m ³	Mist

US. ACGIH. Threshold Limit Values:

Components	Type	Value	Form
Oil mist, mineral (CAS-)	TWA	5 mg/m ³	Inhalable fraction

US. NIOSH: Pocket Guide to Chemical Hazards:

Components	Type	Value	Form
Oil Mist, mineral (CAS-)	STEL	10 mg/m ³	Mist
	TWA	5 mg/m ³	Mist

Biological limit values:

No biological exposure limits for the ingredients.

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8.2. Exposure controls:

Appropriate engineering controls:

Observe usual measures of health at work and in particular good ventilation. Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. When handling material do not eat, drink or smoke. After work and before breaks for food and rest thoroughly wash hands with water and soap.

Eyes and face protection:

Wear safety goggles, full face shield or protective chemical goggles (based on the nature of the work performed).

Skin protection:

Hand protection: Protective chemical / oil resistant gloves are recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Use barrier creams for skin protection, however they should not be applied once exposure has occurred. Observe other recommendations of the manufacturer. Other protection: Protective antistatic clothing made of natural fibers (cotton) or synthetic fibers resistant against elevated temperatures. Contaminated skin should be thoroughly washed with soap and warm water.

Respiratory protection:

Use of respiratory protection is generally not required.

However, if engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Thermal hazards:

Wear appropriate thermal protective clothing when necessary.

General hygiene considerations:

Always follow good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Section 9. Physical and chemical properties:

9.1. Information on basic physical and chemical properties:

Appearance, (physical state, colour)	Liquid.
Color	Dark amber.
Odour	Typical (petroleum).
Odour threshold	Not available.
PH	Not applicable.
Freeze/Melt point(°C)	Not applicable.
Initial boiling point and boiling range °C)	>280 C / >536.4 deg. F
Flash point (TCC)	>150 C / >302 deg. F
Evaporating rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower	>0.6 %
Flammability limit - upper	< 7 %
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapour pressure:	<0.1 mm Hg.(20 C)
Vapour density:	>2
Relative density(lpg):	7.2
Specific gravity:	0.86

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Solubility(ies):	
Solubility (water)	Insoluble.
Partition coefficient (n-octanol/water)	No data available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	ND

9.2 Other information:

Explosive properties:	Not explosive.
Molecular formula:	(V)CB
Oxidizing properties:	Not oxidizing
Pour point:	ND

Section 10. Stability and reactivity:

- 10.1. Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.
- 10.2. Chemical stability:** Stable under normal temperature conditions and recommended use.
- 10.3. Possibility of hazardous reactions:** Hazardous polymerization does not occur.
- 10.4. Conditions to avoid:** Contact with incompatible materials. Do not pressurize, cut, weld, braze, solder. Drill, grind or expose empty containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.
- 10.5. Materials to avoid:** Protect against strong acids, and oxidizing agents.
- 10.6. Hazardous decomposition products:** Hazardous products are formed in fire, such as fumes. Smoke. Carbon Oxides. Sulfur Oxides. Hydrocarbons.

Section 11. Toxicological information:

11.1. Information on likely routes of exposure:

Inhalation: Inhalation of oil mist or vapors formed during heating of the product will irritate the respiratory system and provoke coughing.

Skin contact: Repeated or prolonged contact may cause defatting and irritation.

Eye contact: Direct contact with eyes may cause temporary irritation.

Ingestion: No harmful effects expected in amounts likely to be ingested by accident. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea and diarrhea.

11.2. Symptoms related to the physical, chemical and toxicological characteristics:

Symptoms may include redness, drying and cracking of the skin.

11.3. Information on toxicological effects:

Acute toxicity:	Data from animal tests indicates a low level of acute toxicity by oral, dermal or inhalation routes of exposure.
Skin contact:	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Eye contact:	Direct contact with eyes may cause temporary irritation.
Respiratory sensitization:	Not classified.
Skin sensitization:	Not classified.
Germ cell mutagenity:	Based on available data the classification criteria are not met.
Carcinogenity:	Not carcinogenic.
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.

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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.
Other information: Systems may be delayed. Pre-existing skin conditions, including dermatitis, might be aggravated by exposure to this product.

11.4. Other effects: ND

Section 12. Ecological information:

- 12.1. Ecotoxicity:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
- 12.2. Persistence and degradability:** The product is expected to be slowly biodegradable.
- 12.3. Bioaccumulative potential:** The product is not expected to bioaccumulate.
- 12.4. Mobility in soil:** No data available.
- 12.5. Mobility in general:** The product is insoluble in water.
- 12.6. Results of PBT and PVB assessment:** The product is not classified as PBT or VPB.
- 12.7. Other adverse effects:** Oil spills are generally hazardous to the environment. No adverse effects on the atmosphere as it does not contain compounds endangering the ozone shield.

Section 13.: Disposal considerations:

- 13.1. Disposal instructions:** Recover and recycle, if practical. Dispose in accordance with all applicable regulations.
- 13.2. Waste from residues/unused product:** The following advice only applies to the product as supplied. Dispose in accordance with applicable federal, state and local regulations. Please note; Combining with other materials may well indicate another route of disposal. If in doubt, contact local Bishop's Original Product's supplier or local authorities. Empty drums should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care in any case should be taken to ensure compliance with OSHA, EPA, EC, Federal, State and Local regulations. This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. Spilt material shall be contained. The remaining material shall be covered with non-combustible absorbing material (e.g. sand, ground limestone, vermiculite etc.) and transported in closed containers to an approved landfill, for such material, for elimination, according to local and / or national regulations.
Product is ashless and can be burned directly in appropriate equipment.
Product is suitable for energy recovery in appropriate incinerators.
PCB, PCT content: Free.
- 13.3. Waste legislation;** Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) "Superfund" • Medical Waste Tracking Act • National Environmental Policy Act (NEPA) - Established the Environmental Protection Agency, set out requirements for Environmental Impact Reporting for various kinds of development. • Resource Conservation and Recovery Act (RCRA) - One of the main pieces of Legislation regarding municipal solid waste, hazardous wastes, and disposal issues. • Solid waste policy It is aimed at developing and implementing proper mechanisms to effectively manage solid waste.
(EU) Council Directive 75/442/EEC on waste, as last amended. Council Directive 91/689/EEC on hazardous waste, as last amended. Decision 94/3/EC establishing a list of wastes, as last amended.
Code of waste: 13 07 03
Name of the type of waste: Oil wastes and wastes of liquid fuels
Category: N

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Subgroup: Wastes of liquid fuels.

Wastes group: Other fuels (include mixtures).

Code of packaging wastes: 15 01 10

The type of packaging waste: Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified.

Category: N

Subgroup Packaging: Including separately collected municipal packaging waste.

Group Packaging: Containing residues of hazardous substances or contaminated by dangerous materials.

Inclusion of absorbent material soaked with : 15 02 02

The type of waste: Absorbents, wiping cloths, filter materials and protective clothing.

Category: N

Subgroup: Absorbents, wiping cloths, filter materials and protective clothing contaminated by dangerous materials.

Group: Absorbents, filter materials including oil filters, wiping cloths and protective clothing contaminated by dangerous materials.

Section 14.: Transport information:

Sea: IMO Class;	Unregulated.
Marpol – Annex II:	Not regulated.
Proper shipping name:	Not regulated by DOT.
Marpol – Annex III:	Unregulated.
Road/Rail: ADR/RID Class:	Unregulated.
Air: IATA/ICAO Class:	Unregulated.
DOT:	Not regulated as dangerous goods.
IATA:	Not regulated as dangerous goods.
IMDG:	Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and The IBC CODE:	Not applicable. However, this product is liquid and if transported in bulk covered under MARPOL 73/78 Annex I.

Inventories: This product is in compliance with the inventory and notification requirements of European Community Directives, USA TSCA, Australia AICS and Canada DSL.

Section 15.: Regulatory information:

15.1. US federal regulations:

This product is not hazardous according to OSHA 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

CERLA Hazardous Substance List (40 CFR 302.4): Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Hazard categories:

- Immediate Hazard – No
- Delayed Hazard – No
- Fire Hazard – No
- Pressure Hazard – No
- Reactivity Hazard – No

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous chemical: No.

SARA 313 (TRI reporting): Not regulated.

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Other federal regulations:

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated

Clean Air Act (CAA) Section 112 (r) Accidental Release Prevention (40 CFR 68.130): Not regulated.

Safe Drinking Water Act (SDWA): Not regulated.

15.2. Chemical safety assesment: ND

Section 16.: Other information:

List of hazard statements, whose full text is not specified in other sections:

Note L: The classification as a carcinogenic need no apply if it can be shown that the substance contains less than 3% of substances extracable into dimethylsulfoxide (DMSO), as measured by IP 346 method.

Other important information on the safety and protection of human health:

The product must not be used without special permission of the manufacturer / importer for purposes other than those listed in Section 1. User is responsible for compliance with all related regulations for the protection of health.

Key to abbreviations and acronyms used in the safety data sheet:

CAS	Chemical Abstract Service.
GHS	Global Harmonized System.
LC50	Lethal concentration of the substance in which it can be expected to cause death of 50% of population.
LD50	Lethal dose of a substance , in which can be expected to cause death of 50% of population.
PEL	Permissable Exposure Level.
MAC	Maximum Allowable Concentration.
IATA	International Air Transport Associatin.
ICAO	International Civil Transport Association.
IMDG	International Maritime Dangerous Goods Transport.
ADR	European Agreement concerning the international carriage on dangerous goods by road.
RID	Agreement on the transport on dangerous goods by rail.
MARPOL	International Convention for the Prevention of Pollution from Ships.
OEL	Occupational Exposure Limits.
PBT	Persistent, Bioaccumulative and Toxic.
VPVB	Very Persistend and very Bioacumulative.
UN	Four-digit code reflecting the characteristics of substances or mixtures in transport.

NFPA Ratings:

HMIS CLASS	HEALTH	1
HMIS CLASS	FLAMMABILITY	- 1
HMIS CLASS	REACTIVITY	- 0



Guidelines for training: The health and safety training organize to become familiar with the principles of work and prescribed protective equipment. Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

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Recommended restrictions on use: None

Information on data sources used to compile this Safety Data Sheet:

Global Harmonized System of Classification and Labeling of Chemicals (GHS), UNITED NATIONS, New York and Geneva, 2007 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended, REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended.

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