

**SAFETY DATA SHEET**  
**BISHOP'S LS-333R NON-MELTING GREASE**

**GHS**

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

**1.1. GHS Product identifier;**

Substance/mixture:	<b>Mixture</b>
Number:	<b>LS-333R</b>
Other means of identification:	<b>Bentone Based Non-Melting Anti-Wear-Non Corrosive Grease</b>

**Relevant identified uses of the substance or mixture and uses advised against;**

Relevant identified uses of the substance - Multi-Application Grease  
Other 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
Place of business or residence:	7111 Clinton Drive, Houston, Texas 77020, Tel. 713 671 2545 / Fax 713-671-0774 e-mail-(jbishop5837@gmail.com)

Emergency telephone number	North America (713) 671 - 2545 (office hours) Chemtrec (800) 424 - 9300
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**Qualified person responsible for the Safety Data Sheet:**

Name or trade name:	John Bishop, Sr.
E-mail address:	jbishop5837@gmail.com

**SECTION 2: Hazards identification:**

**2.1. GHS classification of substance or mixture:**

This product has no applicable GHS categories.

**2.2. Label elements:**

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

**(Prevention):** No GHS prevention statements.

**(Response):** No GHS response statements.

**(Storage):** No GHS storage statements.

**(Disposal):** No GHS disposal statements.

**Precautionary statement(s);**

**P102** Keep out of reach of children.

**P103** Read label before use.

**P501** Dispose of contents /container according to local regulations.

**2.3. Other hazards;**

No applicable GHS categories.

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**Section 3: Composition / information on ingredients:**

**3.1. Mixture:**

**Chemical characterization;**

Mixture of the following substances and additives.

The mixture contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances Regulations.

Ingredients / Chemical Designations	Weight %	GHS Classifications	Notes
Distillates (petroleum), hydrotreated heavy naphthenic Base Oil - unspecified CAS Number: 0064742-52-5	50 – 75	Asp. Tox. 1;H304	(1)
Alkyl quaternary ammonium bentonite CAS Number: 0068953-58-2	10 – 20	Not Classified	(1)
Proprietary mixture CAS Number: NA	15 - 35	Not Classified	

In accordance with paragraph (i) of 1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

(1) Substance classified with a health or environmental hazard.

(2) Substance with a workplace exposure limit.

(3) PBT-substance or PvB-substance.

\*the full texts of the phrases are shown in section 16.

**Note:** This formulation is a "Trade Secret". 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. 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 clothing of the affected person if contaminated by the substances. Protect the affected person against growing 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 immediately; take off any rings, watches or bracelets before or during washing if used in the contaminated areas of the skin. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Rinse contaminated areas with a flow of water, lukewarm is best, for 5-10 minutes.

**Eye Contact;**

Rinse the eyes immediately with a flow of clean running water, open the eyelids wide also (using force if needed); remove contact lenses immediately if worn by the person. 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. Depending on the situation, call medical rescue service or ensure medical treatment, specialized if possible, as quickly as possible. Everyone must be referred for treatment even if affected only a little.

**Ingestion;**

DO NOT INDUCE VOMITING. If vomiting occurs naturally, have victim lean over to avoid aspiration. Get medical attention immediately. NEVER give anything by mouth that might cause vomiting.

**4.2. Most important symptoms and effects, both acute and delayed;**

<b>Overview</b>	<b>Inhalation;</b>	Vapor inhalation under ambient conditions is not normally a problem. Excessive exposure may irritate eyes, nose and throat. Harmful if swallowed.
	<b>Skin Contact;</b>	No significant adverse health effects are expected on short term exposure. Repeated or prolonged contact may cause de-fatting and irritation.
	<b>Eye contact;</b>	Eye Irritant.
	<b>Ingestion;</b>	Harmful if swallowed. Irritation of the mucus membranes of throat, esophagus and stomach. Harmful if aspirated into the lungs. Do not induce vomiting. Call a physician immediately.

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OTHER HAZARDS: Material may mist when heated.

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with reversible damage. See section 2 for further details.

**Section 5: Firefighting measures:**

**5.1. Extinguishing media:**

**Suitable extinguishing media;**

Alcohol resistant foam, CO<sub>2</sub>, powder, halon. Do not use water.

**5.2. Special hazards arising from the substance or mixture;**

Hazardous decomposition: Include irritating and / or toxic fumes including oxides of carbon, sulfur and nitrogen may be released.

**5.3. Advice for firefighters;**

Treat as an oil fire. Avoid breathing smoke and vapor. Use a self-contained breathing apparatus and full-body protective clothing. 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.

**Section 6: Accidental release measures:**

**6.1. Personal protections, protective equipment and emergency procedures;**

Use personal protective equipment (see section 8).

**6.2. Environmental precautions;**

Prevent soil contamination. Prevent migration and entry into sewers or streams.

**6.3. Methods and material for containment and cleaning up;**

Take proper precautions to ensure your own health and safety before attempting spill control or clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Slipping hazard do not walk through spilled material. Stop leak if you can do so without risk. For small spills absorb or cover with dry earth, sand, or other inert non-combustible absorbent material and place into waste container for later disposal. Contain large spills to maximize product recovery of disposal. Prevent entry into waterways or sewers. In urban area cleanup spill as soon as possible. In natural environments, seek cleanup advice from specialist to minimize physical habitat damage. This material will float on water. Absorbent pads and similar materials can be used. Comply with all laws and regulations

Dispose of waste in a chemical landfill as approved by current local, state and federal laws and regulations.

**Section 7: Handling and storage:**

**7.1. Precautions for safe handling;**

Keep containers closed. Handle containers with care to prevent damage and spillage.

**7.2. Conditions for safe storage, including any incompatibilities;**

Store in a cool, well-ventilated place, away from incompatible materials. Strong Oxidizing Agents, Strong Acids, Alkalis and open flames. Protect from physical damage.

**7.3. Specific end use(s);**

Follow the instructions mentioned on the label.

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**Section 8.: Exposure controls/personal protection:**

**8.1. Control parameters;**

Exposure CAS No.	Ingredient	Source	Value
		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		SUPPLIER	No Established Limit
0064742-52-5	Distillates (petroleum), hydrotreated naphthenic; Baseoil-unspecified	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		SUPPLIER	No Established Limit
0068953-58-2	Alkyl quaternary ammonium bentonite	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		SUPPLIER	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 10 mg/m<sup>3</sup> ACGIH.

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0064742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic Baseoil-unspecified	OSHA NTP IARC	Select Carcinogen: No Known: No; suspected: No Group 1: No; Group 2a: No; Group 2b; No Group 3; No; Group 4; No;
0068953-58-2	Alkyl quaternary ammonium bentonite	OSHA NTP IARC	Select carcinogen; No Known No; suspected; No Group 1; No; Group 2a; No; Group 2b; No; Group 3; No; Group 4; No;

**8.2 Exposure controls;**

**Respiratory** Use NIOSH approved organic respirator if TWA/TLV limits are exceeded.

**Eyes** Wear chemical safety glasses or goggles.

**Skin** Chemical resistant gloves.

**Engineering controls** Provide adequate ventilation and good general extraction.

If mechanical, use non sparking equipment.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - (Prevention):

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**Section 9.: Physical and chemical properties:**

**9.1. Information on basic physical and chemical properties;**

Appearance, (color, physical state) :	Amber semi-solid
Odor:	Nil
Odor threshold:	ND.
PH:	ND.
Freeze/Melt point(°C):	ND.
Initial boiling point and boiling range °C):	ND.
Flash point (TCC)	>300F(C>O>C>)
Evaporating rate:	ND.
Flammability (solid, gas):	Not Applicable
Upper / lower flammability or explosive limits:	<b>Lower explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
Vapour pressure	ND.
Vapour density	ND.
Specific gravity	Not Measured
Solubility(ies) in water:	Not Measured
Partition coefficient n - octanol / water (Log Kow)	ND.
Auto-ignition temperature:	ND.
Decomposition temperature:	ND.
Viscosity:	ND.
Density	7.7 (lb / gal.)

**9.2. Other information**

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

**Section 10.: Stability and reactivity:**

**10.1. Reactivity;**

Hazardous Polymerization will not occur.

**10.2. Chemical stability;**

Under normal conditions, the product is very stable.

**10.3. Possibility of hazardous reactions;**

No data available.

**10.4. Conditions to avoid;**

Excessive heat, sparks and open flames.

**10.5. Materials to avoid;**

Protect against strong acids, Alkalis and strong oxidizing agents.

**10.6. Hazardous thermal decomposition products;**

Not developed under normal uses. Dangerous products are formed in fire, such as fumes, smoke, carbon monoxide, sulfur oxides, aldehydes, oxides of carbon and nitrogen.

**Section 11.: Toxicological Information:**

**Acute toxicity;**

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

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Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified - (64742-52-5)	No data available	No data available	No data available	No data available	No data available
Alkyl quaternary ammonium bentonite - (68953-58-2)	5,000.00, Rat - Category: 5	No data available	No data available	12.60, Rat - Category: NA	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**12. Ecological information:**

**12.1. Toxicity;**

No additional information provided for this product. See Section 3 for chemical specific data.\

**Aquatic Ecotoxicity;**

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Disillates (petroleum), hydrotreated heavy naphthenic; Baseoil-unspecified - (64742-52-5)	5,000.00, Oncorhynchus mykiss	1,000.00, Daphnia magna	1,000.00 (96 hr), Scenedesmus subspicatus
Alkyl quaternary ammonium bentonite - (68953-58-2)	Not Available	Not Available	Not Available

This product is covered by EPA's Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Petroleum Exclusion. Therefore releases to air, land, or water are not reportable under CERCLA ("Superfund"). However, under Section 311 of EPA's Clean Air Water Act (CWA). This product is considered an oil. As such, spills into or leading to surface waters that cause a sheen must be reported to the national response center, 800-424-8802.

This product is an oil under 49 CFR (DOT) part 130. If shipped by rail or highway in a tank with a capacity of 3,500 gallons or more, it is subject to the requirements of part 130. Mixture solutions in which this product is present at 10% or more may also be subject to this rule.

**12.2. Persistence and degradability;**

There is no data available on the preparation itself.

**12.3. Bioaccumulative potential;**

Not Measured.

**12.4. Mobility in soil;**

No data available.

**12.5. Results of PBT and vPvB assessment;**

This product contains no PBT/vPvB chemicals.

**12.6. Other adverse effects;**

No data available.

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**13.1. Waste treatment methods;**

Observe all federal, state and local regulations when disposing of this substance.

**Hazard characteristic and regulatory waste stream classification can change with product use.**

**Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal methodologies for spent material and residues at the time of disposition.**

Conditions of use may cause this material to become a "hazardous waste", as defined by federal or state regulations. It is the responsibility of the user to determine if the material is a "hazardous waste" at the time of disposal.

Transportation, treatment, storage, and disposal of waste material must be conducted in accordance with RCRA regulations (see 40 CFR 260 through 40 CFR 271). State and/or local regulations may be more restrictive. Contact your regional US EPA office for guidance concerning case specific disposal issues. Empty drums and pails retain residue. DO NOT pressurize, cut, weld, braze solder, drill or expose this products empty container to heat, flame or other ignition sources. DO NOT attempt to clean it. Empty drums and pails should be drained completely, properly bunged or sealed, and promptly sent to a reconditioner.

**14. Transportation information:**

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number:</b>	Not Applicable	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name:</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es):</b>	<b>DOT Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
<b>14.4. Packing group:</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards:</b>			
<b>IMDG</b>	Marine Pollutant: No		
<b>14.6. Special precautions for user:</b>	No further information		

**15. Regulatory information:**

<b>Regulatory Overview:</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act (TSCA):</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS Classification:</b>	Not Regulated.
<b>US EPA Tier II Hazards</b>	<b>Fire:</b> No <b>Sudden Release of Pressure:</b> No <b>Reactive:</b> No <b>Immediate (Acute):</b> No <b>Delayed (Chronic):</b> No

**EPCRA 311/312 Chemicals and RQs:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

Crystalline Silica - Quartz

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

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**New Jersey RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Pennsylvania RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**16. Other information:**

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H304 May be fatal if swallowed and enters airways.

H413 May cause long lasting harmful effects to aquatic life.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

**THE INFORMATION IN THIS MSDS WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED REGARDING ITS CORRECTNESS. SOME INFORMATION PRESENTED AND CONCLUSIONS DRAWN HEREIN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE SUBSTANCE ITSELF. THIS MSDS WAS PREPARED AND IS TO BE USED ONLY FOR THIS PRODUCT. IF THE PRODUCT IS USED AS A COMPONENT IN ANOTHER PRODUCT, THIS MSDS INFORMATION MAY NOT BE APPLICABLE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION OR PRODUCTS FOR THEIR PARTICULAR PURPOSE. THE CONDITIONS OR METHODS OF HANDLING, STORAGE, USE, AND DISPOSAL OF THE PRODUCT ARE BEYOND OUR CONTROL AND MAY BE BEYOND OUR KNOWLEDGE. FOR THIS AND OTHER REASONS, BISHOP'S ORIGINAL PRODUCTS DOES NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM ANY LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.**

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