

## SAFETY DATA SHEET (SDS)

### Section 1. Identification

<b>Product identifier</b>	GR-BIO
<b>Other means of identification</b>	261
<b>Recommended use and restrictions on use</b>	Lubricating grease 100 % synthetic
<b>Initial supplier identifier</b>	PROLAB TECHNOLUB INC. 4531 RUE INDUSTRIELLE, THETFORD MINES, (QUEBEC), G6H 2J1, CANADA TEL. (418) 423-2777 FAX : (418) 423-7619
<b>Emergency telephone number/restriction on use</b>	Canada – CANUTEC 24 hour number 613-996-6666

### Section 2. Hazard identification

#### Classification of hazardous product (name of the category or subcategory of the hazard class)

Skin irritation (Category 3)

Eye irritation (Category 2A)

#### Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)



Warning

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

P264 Wash hands/nails/face thoroughly after handling. P280 Wear gloves/protective clothing/eye protection/face protection. P332 + P313 If skin irritation occurs: Get medical attention. P305 + P351 + P338 IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention.

(following sentences not mandatory) P403 + P203 + P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool. P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

**Other hazards known** None

### Section 3. Composition/information on ingredients

Chemical name (common name/synonyms)	CAS number or other	Concentration (%)
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	10-20
Calcium carbonate	471-34-1	10-20
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	1-5
Calcium dodecylbenzenesulphonate	26264-06-2	1-3
Sulfonic acids, petroleum, calcium salts	61789-86-4	1-5
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	70024-69-0	1-5

### Section 4. First-aid measures

<b>Inhalation</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
<b>Ingestion</b>	IF SWALLOWED: Immediately call a doctor. DO NOT INDUCE VOMITING. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. Have victim drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.
<b>Skin contact</b>	If skin irritation occurs: Get medical attention. Rinse skin with water (5-10 minutes).
<b>Eye contact</b>	IF IN EYES, Rinse cautiously with water for several minutes (15-20). Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
<b>Most important symptoms and effects (acute or delayed)</b>	Eye irritation.
<b>Indication of immediate medical attention/special treatment</b>	In all cases, call a doctor. Do not forget this document.

### Section 5. Fire-fighting measures

#### Specific hazards of the hazardous product (hazardous combustion products)

Carbon oxides and other irritant/toxic gases and fumes.

#### Suitable and unsuitable extinguishing media

In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.

#### Special protective equipment and precautions for fire-fighters

During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).

### Methods and materials for containment and cleaning up

Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.

## Section 7. Handling and storage

### Precautions for safe handling

Wear gloves/protective clothing/eye protection/face protection.

Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.

### Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.

## Section 8. Exposure controls/Personal protection

### Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: CAS 471-34-1 PEL-TWA – 15 mg/m<sup>3</sup> (total) & 5 mg/m<sup>3</sup> (respirable);

### Appropriate engineering controls

Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

### Individual protection measures/personal protective equipment

Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.

## Section 9. Physical and chemical properties

<b>Appearance, physical state/colour</b>	Beige grease	<b>Vapour pressure</b>	Not available
<b>Odour</b>	Oil	<b>Vapour density</b>	Heavier than air
<b>Odour threshold</b>	Not available	<b>Relative density</b>	0.9
<b>pH</b>	Not available	<b>Solubility</b>	Negligible
<b>Melting/freezing point</b>	Not available	<b>Partition coefficient - n-octanol/water</b>	Not available
<b>Initial boiling point/range</b>	Not available	<b>Auto-ignition temperature</b>	Not available
<b>Flash point</b>	> 175 °C	<b>Decomposition temperature</b>	Not available
<b>Evaporation rate</b>	Not available	<b>Viscosity</b>	46 cSt @ 40°C (Base oil)
<b>Flammability (solids and gases)</b>	Not available	<b>VOC</b>	Not available
<b>Upper and lower flammability/explosive limits</b>	Not available	<b>Other</b>	None known

## Section 10. Stability and reactivity

### Reactivity

Does not react under the recommended storage and handling conditions prescribed.

### Chemical stability

Stable under the recommended storage and handling conditions prescribed.

### Possibility of hazardous reactions

None known.

### Conditions to avoid (static discharge, shock or vibration)

None known.

### Incompatible materials

Oxidizing materials; etc.

### Hazardous decomposition products

None known



## Section 16. Other information

**Date of the latest revision of the safety data sheet** | January 05, 2021.

**References** | Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS.

### Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System

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