

SAFETY DATA SHEET (SDS)

		Section 1. Identi	fication					
Product identifie	er GR-BIO							
Other means of identification 261								
Recommended use and restrictions on use Lubricating grease 100 % synthetic								
Initial supplier i			INDUSTRIELLE, THETFORD M	INES, (QUEBEC), G6H 2J1,				
		. (418) 423-2777 FAX : (418)						
Emergency telep	hone number/restriction on	use Canada – CANUTEC 2	24 hour number 613-996-6666					
		Section 2. Hazard id	lentification					
		f the category or subcategory	of the hazard class)					
	Skin irritation (Category 3)							
Eye irritation (Category 2A)								
Information eler	nents (symbols, signal words	s, hazard statements and prec	autionary statements of the categor	ry/subcategory)				
irritation occurs: if present and eas	ous eye irritation. s/nails/face thoroughly after ha Get medical attention. P305 + y to do. Continue rinsing. P33	P351 + P338 IF IN EYES, Rin 7 + P313 If eye irritation persis	otective clothing/eye protection/face p se cautiously with water for several n sts: Get medical attention. ilated place. Keep container tightly c	ninutes. Remove contact lenses,				
		ordance with local, regional or 1		losed. Reep cool. 1 501 Dispose				
Other hazards k		number with local, regional of I	national regulations.					
Other hazarus k		tion 3 Composition/inform	Other hazards known None Section 3. Composition/information on ingredients					
Chemical name			0	Concentration (%)				
	(common name/synonyms)	•	CAS number or other	Concentration (%) 10-20				
Distillates (petrol Calcium carbona	(common name/synonyms) eum), solvent-refined heavy pr e	araffinic	0	Concentration (%) 10-20 10-20				
Distillates (petrol Calcium carbona Benzenesulfonic	(common name/synonyms) eum), solvent-refined heavy pr e acid, C10-16-alkyl derivs., cal	araffinic	CAS number or other 64741-88-4 471-34-1 68584-23-6	10-20 10-20 1-5				
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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/m3 (total) & 5 mg/m3 (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.

Appearance, physical state/colour Beige grease Vapour pressure Not available Odour Oil Vapour density Heavier than air Odour threshold Not available Relative density 0.9					
Odour threshold Not available Belative density 0.9					
Kiative density 0.7					
pH Not available Solubility Negligible					
Melting/freezing pointNot availablePartition coefficient - n-octanol/waterNot available	e				
Initial boiling point/rangeNot availableAuto-ignition temperatureNot available	Auto-ignition temperature Not available				
Flash point> 175 °CDecomposition temperatureNot available					
	Viscosity 46 cSt @ 40°C (Base oil)				
Flammability (solids and gases) Not available VOC Not available					
Upper and lower flammability/explosive limits Not available Other 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 11. Toxicological information			
Information on the likely routes of exposure				
Causes mild skin irritation. Causes serious eye				
Symptoms related to the physical, chemical and toxicological characteristics				
Skin irritation, redness, stinging, pain; Eye irritation, redness, tearing.				
Delayed and immediate effects (chronic effect	cts from short-term and long-term exposure)			
Skin Sensitization – No data available;				
Respiratory Sensitization – No data available;				
Germ Cell Mutagenicity – No data available;				
Carcinogenicity - No ingredient listed by IARC	C, ACGIH, NTP or OSHA;			
Reproductive Toxicity – No data available;				
Specific Target Organ Toxicity — Single Expo				
Specific Target Organ Toxicity — Repeated Ex	xposure – No data available;			
Aspiration Hazard – No data available;				
Health Hazards Not Otherwise Classified - No				
Numerical measures of toxicity (ATE; LD ₅₀	& LC ₅₀)			
CAS 471-34-1 LD ₅₀ Oral - Rat - 6450 mg/kg;				
ATE not available in this document.				
	Section 12. Ecological information			
Ecotoxicity (aquatic and terrestrial informat	tion)			
No data available for the product.				
Persistence and degradability No data available				
Bioaccumulative potential No data availa	able			
Mobility in soil No data available				
Other adverse effects No data available				
	Section 13. Disposal considerations			
Information on safe handling for disposal/m	ethods of disposal/contaminated packaging			
	er in accordance with local, regional or national regulations.			
	Section 14. Transport information			
UN number: Proper shipping name: Class(e	s); Packing group (PG) of the TDG Regulations			
NOT REGULATED				
	s); Packing group (PG) of the IMDG (maritime)			
NOT REGULATED				
UN number; Proper shipping name; Class(e	s): Packing group (PG) of the IATA (air)			
NOT REGULATED	(), ruching group (r c) of the mini (un)			
	None			
Special precautions (transport/conveyance)	None			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other)	None			
Special precautions (transport/conveyance)	None capacity) Possible			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other) Bulk transport (usually more than 450 L in o	None capacity) Possible Section 15. Regulatory information			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other) Bulk transport (usually more than 450 L in o Safety/health Canadian regulations specifics	None capacity) Possible Section 15. Regulatory information Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other) Bulk transport (usually more than 450 L in o Safety/health Canadian regulations specifics Environmental Canadian regulations specifi	None capacity) Possible Section 15. Regulatory information Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). cs Refer to Section 3 for ingredient(s) of the DSL			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other) Bulk transport (usually more than 450 L in o Safety/health Canadian regulations specifics Environmental Canadian regulations specifi Safety/health/environmental outside regulations	None capacity) Possible Section 15. Regulatory information Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). cs Refer to Section 3 for ingredient(s) of the DSL ions specifics			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other) Bulk transport (usually more than 450 L in o Safety/health Canadian regulations specifics Environmental Canadian regulations specifi Safety/health/environmental outside regulations United States OSHA information: This product	None capacity) Possible Section 15. Regulatory information Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). cs Refer to Section 3 for ingredient(s) of the DSL ions specifics tis regulated according to OSHA (29 CFR).			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other) Bulk transport (usually more than 450 L in o Safety/health Canadian regulations specifics Environmental Canadian regulations specifi Safety/health/environmental outside regulation United States OSHA information: This product United States EPA (Environmental Protection A	None capacity) Possible Section 15. Regulatory information Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). cs Refer to Section 3 for ingredient(s) of the DSL ions specifics tis regulated according to OSHA (29 CFR). Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other) Bulk transport (usually more than 450 L in or Safety/health Canadian regulations specifics Environmental Canadian regulations specific Safety/health/environmental outside regulation United States OSHA information: This product United States TCSA information: Refer to the interval of the second seco	None capacity) Possible Section 15. Regulatory information Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). cs Refer to Section 3 for ingredient(s) of the DSL ions specifics tis regulated according to OSHA (29 CFR). Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other) Bulk transport (usually more than 450 L in or Safety/health Canadian regulations specifics Environmental Canadian regulations specifics Safety/health/environmental outside regulation United States OSHA information: This product United States TCSA information: Refer to the in National Fire Protection Association (NFPA):	None capacity) Possible Section 15. Regulatory information Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). cs Refer to Section 3 for ingredient(s) of the DSL ions specifics tis regulated according to OSHA (29 CFR). Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. ingredients listed in Section 3.			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other) Bulk transport (usually more than 450 L in or Safety/health Canadian regulations specifics Environmental Canadian regulations specifics Safety/health/environmental outside regulation United States OSHA information: This product United States TCSA information: Refer to the in National Fire Protection Association (NFPA): HEALTH: 1 FLAMMABILITY: 1 I	None capacity) Possible Section 15. Regulatory information Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). cs Refer to Section 3 for ingredient(s) of the DSL ions specifics t is regulated according to OSHA (29 CFR). Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. ingredients listed in Section 3. NSTABILITY: 0 SPECIAL HAZARDS: Refer to Section 2 & 3.			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other) Bulk transport (usually more than 450 L in or Safety/health Canadian regulations specifics Environmental Canadian regulations specifics Environmental Canadian regulations specifics United States OSHA information: This product United States TCSA information: Refer to the in National Fire Protection Association (NFPA): HEALTH: 1 FLAMMABILITY: 1 HAZARD SCALE: 0 = Minimal 1 = Slight	None capacity) Possible Section 15. Regulatory information Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). cs Refer to Section 3 for ingredient(s) of the DSL ions specifics tis regulated according to OSHA (29 CFR). Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. ingredients listed in Section 3. NSTABILITY: 0 SPECIAL HAZARDS: Refer to Section 2 & 3. 2 = Moderate 3 = Serious 4 = Severe			
Special precautions (transport/conveyance) Environmental hazards (IMDG or other) Bulk transport (usually more than 450 L in or Safety/health Canadian regulations specifics Environmental Canadian regulations specifics Safety/health/environmental outside regulation United States OSHA information: This product United States TCSA information: Refer to the in National Fire Protection Association (NFPA): HEALTH: 1 FLAMMABILITY: 1 HAZARD SCALE: 0 = Minimal 1 = Slight	None capacity) Possible Section 15. Regulatory information Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). cs Refer to Section 3 for ingredient(s) of the DSL ions specifics t is regulated according to OSHA (29 CFR). Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. ingredients listed in Section 3. NSTABILITY: 0 SPECIAL HAZARDS: Refer to Section 2 & 3.			



Section 16. Other information					
Date of the lates	st 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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responsibility for	responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.				