



Safety Data Sheet

GREASE WHEEL BEARING



1. Identification

Product identifier	GREASE WHEEL BEARING
Product code	3210
Other means of identification	GRAISSE ROULEMENT DE ROUE.
Recommended use of the chemical and restrictions on use	Lubricating grease.
Manufacturer	PRODUITS LUBRI-DELTA INC. 2215, Industriel Laval, Québec Canada H7S 1P8 Tel. 800.465.5954 450.629.4555 Fax 514.383.4241 http://www.lubri-delta.com/accueil.asp http://www.lubri-delta.com/fiches.asp
Emergency phone number	Canutec: 613-996-6666 Quebec Antipoison Center: 1-800-463-5060

2. Hazard identification

Summary	Avoid contact with eyes. Avoid prolonged contact with skin. Avoid prolonged or repeated inhalation of mist or vapor. Do not ingest. If medical advice is needed, have this SDS or label at hand. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved.
WHMIS 2015/GHS/OSHA HCS 2012	
Not Regulated under WHMIS 2015/GHS	
P101: If medical advice is needed, have product container or label at hand. P103: Read label before use. P264: Wash skin thoroughly after handling. P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.	

3. Composition/information on ingredients

Common name	CAS	Weight % content
		%

Note: This product is not hazardous according to WHMIS 2015 (Hazardous Products Regulations) and to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

4. First-aid measures

Inhalation	Move person to fresh air. If not breathing, give artificial respiration. If a problem develops or persists, seek medical attention.
Skin contact	Wash skin with warm water and mild soap. Remove contaminated clothing and wash before reuse. If a problem develops or persists, seek medical attention.
Eye contact	Flush with water for at least 15 minutes. Remove contact lenses if easy to do. Hold eyelids apart to rinse properly. If a problem develops or persists, seek medical attention.
Ingestion	DO NOT INDUCE VOMITING! If victim is conscious wash out mouth with plenty of water. Never give anything by mouth if victim is unconscious or convulsing. If spontaneous vomiting occurs, keep head below hip level to prevent aspiration into the lungs. Seek medical attention or contact a Poison Centre immediately.
Other	No information available.
Symptoms	May cause redness and slight irritation of the skin and to eyes.
Notes to the physician	No information available.

5. Fire-fighting measures

Suitable extinguishing media	Dry chemicals, water spray, chemical foam, carbon dioxide (CO ₂). Do not use a heavy water jet.
Specific hazards arising from the chemical	Non-flammable. May be combustible at high temperature.
Special protective equipment	Firefighters must wear self contained breathing apparatus with full face mask. Firefighting suit may not be efficient against chemicals.
Special protective actions for fire-fighters	Use water spray to cool fire-exposed containers. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply.

6. Accidental release measures


Personal precautions, protective equipment and emergency procedures	Do not touch spilled material. Make sure to wear personal protective equipment mentioned in this Safety Data Sheet.
Environmental precautions	Prevent entry into sewers, closed areas and release to the environment. For a large spill, consult the Department of Environment or the relevant authorities.
Methods and materials for containment and cleaning up	Ventilate the area well. Absorb with inert material (soil, sand, vermiculite) or wipe up or scrape up and place in an appropriate waste disposal container clearly identified. Dispose via a licensed waste disposal contractor.

7. Handling and storage

Precautions for safe handling	Use in well ventilated area. Avoid contact with eyes. Avoid prolonged contact with skin. Avoid prolonged or repeated breathing of vapours or mists. Make sure to wear personal protective equipment mentioned in this Safety Data Sheet. Avoid contamination with another chemical product. Keep containers tightly closed when not in use. Do not eat, do not drink and do not smoke during use. After use, wash hands with soap and water. Wash contaminated clothing before reuse.
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Conditions for safe storage, including any incompatibilities	Store tightly close and in properly labelled container. Store away from incompatible materials (see section 10). Keep away from direct sunlight and heat.
Storage temperature	5 to 45°C (41 to 113°F)

8. Exposure controls/personal protection

Immediately Dangerous to Life or Health	No IDLH value is reported.		
Mixture	TWA (8h)	Mist	5 mg/m ³ ACGIH , RSST
Appropriate engineering controls	Provide sufficient mechanical ventilation (general and/or local exhaust) to keep the airborne concentrations of vapours, mists, aerosols or dust below their respective occupational exposure limits.		
Individual protection measures			
Eye	Wear safety glasses. If there is a risk of contact with eyes, wear chemical splash goggles.		
Hands	If risk of contact with the liquid, use gloves nitrile or neoprene. Disposable nitrile gloves can also be used, but discard after single use. Before using, user should confirm impermeability. Discard gloves with tears, pinholes, or signs of wear. Gloves must only be worn on clean hands.		
Skin	Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Wear normal work clothing covering arms and legs as required by employer code.		
Respiratory	A respirator is not required under normal conditions of use. Where the conditions in the workplace require a respirator, it is necessary to follow a respiratory protection program. Moreover, respiratory protection equipment (RPE) must be selected, fitted, maintained and inspected in accordance with regulations and standard 29 CFR 1910.134 (OSHA), ANSI Z88.2 or CSA Z 94.11 (Canada) and approved by NIOSH/MSHA. In case of insufficient ventilation or in confined or enclosed space and for an assigned protection factor (APF) up to 10 times the exposure limit, wear a half mask respirator with organic vapour cartridges fitted with P100 filters. For an APF until maximum 100 times of exposure limit, wear a full face respirator mask with organic vapour cartridges and P100 filters.		
Feet	Wear rubber boots to clean up a spill.		
 Safety glasses Nitrile gloves			

9. Physical and chemical properties

Physical state	Semi-solid (Grease)	Flammability	Non-flammable
Colour	Brown	Flammability limits	N/Av.
Odour	Mild petroleum odor	Flash point	>190°C (374°F)
Odour threshold	N/Av.	Auto-ignition temperature	>300°C (572°F)
pH	N/Av.	Sensibility to electrostatic charges	N/Av.
Melting point	N/Av.	Sensibility to sparks and/or friction	No

Freezing point	N/Av.	Vapour density	>1 (Air = 1)
Boiling point	N/Av.	Relative density	N/Av. (Water = 1)
Solubility	Soluble in water	Partition coefficient n-octanol/water	>10
Evaporation rate	< Butyl Acetate	Decomposition temperature	N/Av.
Vapour pressure	<0.13kPa (1 mm Hg) @ 20°C (68°F)	Viscosity	>22 cSt @ 40°C (104°F)
Percent Volatile	N/Av.	Molecular mass	N/Av.
N/Av.: Not Available N/Av.: Not Applicable Und.: Undetermined N/E: Not Established			

10. Stability and reactivity

Reactivity	No known dangerous reactions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions (including polymerizations)	Hazardous polymerization will not occur.
Conditions to avoid	Avoid contact with incompatible materials.
Incompatible materials	Strong oxidizing agents (e.g. chlorine, fluorine, nitric acid, perchloric acid, peroxides, nitrates, chlorates, chromates, permanganates and perchlorates).
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information


Numerical measures of toxicity	Mixture Ingestion >2000 mg/kg Rat LD50 Skin >2000 mg/kg Rabbit LD50
Likely routes of exposure	Skin, eyes, inhalation, ingestion.
Delayed, immediate and chronic effects	<p>Eye contact Eye Irritation/Corrosion, Rabbit (OECD TG 405): tests performed with each ingredient of this mixture gave negative results. May cause redness and slight irritation of the eyes.</p> <p>Skin contact Skin Irritation, Rabbit : tests performed with each ingredient of this mixture gave negative results. May cause redness and slight irritation of the skin. Prolonged and repeated contact may cause dry skin, irritation or dermatitis. High-pressure injection under skin may cause serious damage.</p> <p>Inhalation No adverse effects expected under normal conditions of use. Mist exposure can cause irritation to nose, throat and lungs.</p> <p>Ingestion Low degree of acute toxicity. May cause diarrhea.</p> <p>Respiratory or skin sensitization Ingredients present at levels greater than or equal to 0.1% of this product are not skin or respiratory sensitizers.</p> <p>IARC/NTP Classification No ingredients listed.</p> <p>Carcinogenicity Ingredients present at levels greater than or equal to 0.1% of this product are not listed as a carcinogen by IARC, ACGIH, NIOSH, NTP or OSHA.</p> <p>Mutagenicity This material is not known to cause mutagenic effect.</p> <p>Reproductive toxicity This material is not known to cause effects on reproduction.</p>

	<p>Specific target organ toxicity - single exposure No target organ is listed.</p> <p>Specific target organ toxicity - repeated exposure No target organ is listed.</p>
Interactive effects	No information available.
Other information	No information available.

12. Ecological information

Ecological toxicity	Fish, various LC50 N/A
Persistence	The product is a mixture of heavy hydrocarbon in which some ingredients will be persistent in the environment.
Degradability	No information available for this product. The product is a heavy hydrocarbon mixture in which some ingredients are not expected to be readily biodegradable (OECD 301).
Bioaccumulative potential	No information available.
Mobility in soil	Soluble in water This mixture is likely to have low mobility in soil.
Other adverse effects	This chemical does not deplete the ozone layer.

13. Disposal considerations

	<p>Container Important! Prevent waste generation. Use in full. DO NOT dispose residue in sewers, streams or drinking water supply. Non-use oils or waste oils can be reprocessed (recycle) where there is a recovery program. Dispose via a licensed waste disposal contractor. Observe all federal, state/provincial and municipal regulations. If necessary consult the Department of Environment or the relevant authorities.</p>
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14. Transport information

UN Number	UN N/A
UN Proper Shipping Name	Not regulated by TDG (Canada) and 49 CFR DOT (USA).
Environmental hazards	This material does not contain marine pollutant.
Special precautions for user	No information available for this product.
TDG - Transportation of Dangerous Goods (Canada)	
Transport hazard class(es)	Not regulated
Packing group	Not regulated
Emergency response guidebook 2016	

IMO/IMDG - International Maritime Transport

Classification	Not regulated
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IATA - International Air Transport Association

Classification	Not regulated
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These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. In addition, if a domestic exemption exists, it is the responsibility of the shipper to define the application of it.

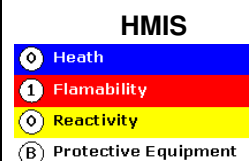
15. Regulatory information**Other regulations**

UNITED STATE OF AMERICA:

- Toxic Substance Control Act (TSCA) :
All ingredients are listed in the TSCA Inventory or otherwise comply with TSCA requirements.
- EPCRA Section 302/304 Extremely Hazardous Substances:
No material is listed.
- EPCRA Section 313 Toxic Chemicals:
No material is listed.
- CERCLA Hazardous Substances:
No material is listed.
- Clean Water Act (CWA) 311 Hazardous Substances:
This material is listed.

CANADA :

- Canada DSL and NDSL:
All ingredients are listed in the Domestic Substances List (DSL).
- Canadian National Pollutant Release Inventory Substances (NPRI):
No material is listed.

**16. Other information**

Date (YYYY-MM-DD)	PRODUITS LUBRI-DELTA INC. 2019-04-29
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Version	02
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Other information

REFERENCES:

- Haz-Map, Information on Hazardous Chemicals and Occupational Diseases, <https://haz-map.com/>
- Service du répertoire toxicologique de la Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST), <http://www.reptox.csst.qc.ca>
- Toxicological Review, Integrated Risk Information System (IRIS), USA Environment Protection Agency, www.epa.gov/iris

DATE OF FIRST VERSION OF SDS:
2015-06-29.

CHANGES MADE IN THE VERSION 02:
section 2.

ACGIH: American Conference of Governmental Industrial Hygienists
 AIHA: American Industrial Hygiene Association
 HMIS: Hazardous Materials Identification System
 NFPA: National Fire Protection Association
 OSHA: Occupational Safety and Health Administration (USA)
 NIOSH: National Institute for Occupational Safety and Health

NTP: National Toxicology Program
RSST: Règlement sur la santé et la sécurité du travail (Québec)
GHS: Globally Harmonized System
IARC: International Agency for Research on Cancer
IDLH: Immediately Dangerous to Life or Health
STEL: Short Term Exposure Limit (15 min)
TWA: Time Weighted Averages
WHMIS: Workplace Hazardous Materials Information System

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