

SAFETY DATA SHEET

HELAIAN DATA KESELAMATAN

Review Date: 11th October 2022

Tarikh Keluaran: 11th Oktober 2022



SECTION 1. Product And Company Identification

Product Name : Biodegradable Food Grade Grease
Product Codes : ACG 11/3

Address : Lubetech Sdn Bhd
No. 8 Jalan Utas 15/7,
P.O. Box 7052,
40915 Shah Alam,
Selangor, Malaysia.

Emergency Phone : 03-51635000

Product Use : Lubricating Grease

SECTION 2: Hazards Identification

Potential Acute Health Effects : Slightly hazardous in case of eye contact (irritant), of ingestion. Non-irritant for skin. Non-hazardous incase of inhalation.

Potential Chronic Health Effects : Not available.

Carcinogenic Effects : Not available.

Mutagenic Effects : Not available.

Teratogenic Effects : Not available.

Developmental Toxicity : Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

SECTION 3: Composition/Information on Ingredients

Product Definition : Mixtures
Description : *Base oils in the product produced from sustainable plant feedstock*
Physical State : Semi-solid (paste)
Color : White translucent
Odor : Characteristic

Environmental Hazard : The product does not contain the following metal contaminants: Antimony (Sb), Arsenic (As), Cadmium (Cd), Lead (Pb), Mercury (Hg) and Tin (Sn).

Toxicology Data on Ingredients : Not applicable

There are no additional ingredients present which within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment.

SECTION 4: First Aid Measures

Eyes : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

Skin : Wash with soap and water. Get medical attention if irritation develops.

Ingestion : Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Inhalation : If inhaled, remove to fresh air. Keep person warm and at rest. If breathing is irregular or if respiratory arrest occurs, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Notes to physicians or first aid providers : No action shall be taken involving any personal risk or without suitable training.

Notes to doctor : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: Fire-Fighting Measures

Flammability of the Product: : No special fire risk. In case of fire use foam, carbon dioxide, dry chemical powder, and water mist.

Auto-Ignition Temperature : Not Available.

Flammable Limits : Not Available.

Products of Combustion : Not Available.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact : Not Available.

Risks of explosion of the product in presence of static discharge : Not Available.

Fire Fighting Media and Instructions:

Suitable Extinguishing Media : Water, Carbon dioxide (CO₂)

Unsuitable Extinguishing Media : None known.

Fire-Fighters Guideline:

Don't breathe combustion fumes : Fire can form harmful compounds. Do not inhale explosion and combustion gases.

Burning produces heavy smoke : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special Protective Equipment for Fire-Fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots, and gloves) conforming to federal, state and local standard regulation that will provide a basic level of protection for chemical incidents.

Special Remarks on Fire Hazards : Not available.

Special Remarks on Explosion Hazards : Not available.

SECTION 6: Accidental Release Measures

Small Spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor

Large Spill: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

SECTION 7: Handling and storage

Handling And Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Other Precautions: Put on appropriate personal protective equipment. Do not ingest. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

SECTION 8: Exposure Controls/Personal Protection

Engineering Controls : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Respiratory Protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Eye Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts.

Work Hygienic Practices: Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Exposure Guidelines: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and Chemical Properties

Physical state and appearance	: Semi-Solid (Paste)
Odor	: Characteristic
Taste	: Not available
Molecular Weight	: Varies
Color	: White translucent
pH	: Not available.
Unworked Penetration @ 25 °C	: 269.3 x 10 ⁻¹ mm
Work Penetration @ 25 C	: 269.6 x 10 ⁻¹ mm
Flash Point	: Not applicable
Flammability (solid, gas)	: Not available
Melting Point	: Not available.
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not available
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: Insoluble in cold water and hot water
Auto-ignition temperature	: Not available
Viscosity	: Not available

SECTION 10: Stability and Reactivity

Stability	: The product is stable.
Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Possibility of hazardous reactions	: Hazardous reaction will not occur under normal condition and use
Incompatibility with various substances	: Reactive with oxidizing agents.
Condition to avoid	: No specific data
Incompatible materials	: No specific data
Corrosivity	: Non-corrosive in presence of glass.
Polymerization	: Will not occur.

SECTION 11: Toxicological Information

Acute Toxicity	: This product is not classified in this hazard class. Unlike to cause harm if accidentally swallowed in small doses, though ingestion of large quantities may cause gastro-intestinal effects.
Skin Corrosion or Irritation	: This product is not classified in this hazard class, but prolonged or repeated skin contact sometimes may cause irritations and dermatitis.
Eye Damage or Irritation	: This product is not classified in this hazard class, but direct contact may cause slight irritations.
Respiratory Sensitization	: This product is not classified in this hazard class.
Skin Sensitization	: This product is not classified in this hazard class.
Carcinogenicity	: Based on available data, the classification criteria are not met.
Reproductive Toxicity	: Based on available data, the classification criteria are not met.
Aspiration Hazard	: This product is not classified in this hazard class.

SECTION 12: Ecological Information

Ecotoxicity	: Not available.
BOD5 and COD	: Not available.
Products of Biodegradation	: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	: Not available.
Special Remarks on the Products of Biodegradation	: Not available.

SECTION 13: Disposal Considerations

Waste Disposal:

Do not discharge in sewers, water source or tunnel. Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

SECTION 14: Transport Information

DOT Classification	: Not a DOT controlled material (United States).
Identification	: Not applicable.
Special Provisions for Transport	: Not applicable.

SECTION 15: Regulatory Information

Product information as in accordance with federal, state, and local environmental control regulations.

- P.U. (A) 310/2013 Occupational Safety and Health (Classification, Labelling and Safety DataSheets of Hazardous Chemicals)
- ACT 514 Occupational Safety and Health Act 1994, Factories and Machinery Act 1974 and allfollowing updates
- P.U. (A) 131/2000 Occupational Safety and Health (Use and Standards of Exposure ofChemicals Hazardous to Health)
- P.U. (A) 294/2005 Regulation of the Environmental Quality (Scheduled Wastes) and allfollowing updates
- ACT 127 of the Environmental Quality Act 1974

SECTION 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 11/08/2022 11:10 AM

Last Updated: 12/08/2022 1:05 PM

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