

# Material Safety Data Sheet

## High Vacuum Grease 30g

Revision date: 2023/06/14

Version: 2023-01

### 1. PRODUCT AND COMPANY IDENTIFICATION

Commercial Product name: High Vacuum Grease 30g  
Product number: P46020005  
Intended use: Machine maintenance

Supplier: RBC Bioscience Corp.  
15F., No. 15, Qiaohed Rd., Zhonghe Dist., New Taipei City 235029 , Taiwan  
Emergency telephone number: +886-2-8912-1200  
E-mail: [info@rbcbioscience.com](mailto:info@rbcbioscience.com)

### 2 HAZARDS IDENTIFICATION

#### GHS Classification

Not a hazardous substance

#### GHS Label element, including precautionary statements

Not a hazardous substance

#### Other hazards:

Not applicable.

### 3 CHEMICAL CHARACTERISATION

Substance/Mixture: Mixture

Chemical properties:

Mixture of substances listed below with nonhazardous additions.

For the listed ingredients, the identity and exact percentages are being withheld as a trade secret

### 4. FIRST AID MEASURES

First aid methods for different exposure routes:

Inhalation: Move people to fresh air. Give medical attention if symptoms persist.

Skin contact: Wash thoroughly with water and soap. If you feel the symptoms persist, please seek medical attention.

Eye contact: Flush eyes for several minutes under running water. Seek medical attention if you feel unwell.

Ingestion: Rinse your mouth and drink plenty of water. Do not induce vomiting; seek medical help immediately.

Most important symptoms and harmful effects: Ingestion may cause gastrointestinal irritation

Protection against first-aiders: No data.

Tips for physicians: No further information.

### 5. FIRE FIGHTING MEASURE



Applicable fire extinguishing agent: Use a fire extinguishing method suitable for the surrounding environment. For safety reasons, unsuitable extinguishing agents: water jet  
Special hazards that may be encountered during fire fighting: Toxic gases may form during heating or in the event of fire.

Special Fire Fighting Procedures: No.

Special protective equipment for firefighters:

Wear self-contained breathing apparatus. Wear full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation. Leaked products are particularly at risk of slipping.

Environmental precautions: Do not let it enter the sewer or the ground/groundwater

Cleaning method: Absorb with liquid adhesive materials (sand, diatomaceous earth, acid adhesive, universal adhesive, sawdust). Pick it up mechanically. Dispose of contaminated materials as waste under item 13. Reference to other sections: See Section 7 for information on safe handling. See Section 8 for information on personal protective equipment. Refer to Section 13 for disposal information.

## 7. HANDLING AND STORAGE

Handling: Precautions for safe handling Store away from oxidants. Information about fire and explosion protection: no special measures required.

Storage: Requirements for storage rooms and containers: Avoid storage in extreme danger, near fire or open flames. Information on storage in common storage facilities: Do not store with oxidizing and acid substances.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering controls: Good ventilation and adequate ventilation.

Control parameter:

8 hours daily average allowable concentration/short time average allowable concentration/maximum allowable concentration: no data.

Biometric indicators: no data.

Personal protective equipment:

- Respiratory protection: Not required under normal use conditions.
- Hand protection: No gloves are required under normal use conditions. Wear protective gloves to handle items in damaged or leaking equipment.

The glove material must be impermeable and resistant to the product / substance / formulation. When selecting glove materials, consider penetration time, diffusion rate, and degradation.

Glove material: The selection of the right glove depends not only on the material, but also on the quality and varies by manufacturer. As products are several preparation substances, the resistance of the glove material cannot be calculated in advance, so it must be checked before application.

· Glove material penetration time: The exact breakthrough time must be determined by the manufacturer of the protective gloves and must be observed.

- Eye protection: Safety glasses.
- Skin and body protection: Not required under normal use conditions

Health measures: No data.

## 9. PHYSICAL AND CHEMICAL PROPERTIES



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Appearance (material state, color, etc.): Semi-solid translucent white Odor threshold: Not determined.  pH value: no data  Flammability (solid, gas): Non-Flammable.  Decomposition temperature: no data Auto-ignition temperature: Not determined. Vapor pressure : no data Density: 0.89~0.9 g/cm <sup>3</sup> (20°C) Octanol/water partition coefficient (log Kow): no data available.	Odor: mild  Melting point : Not determined. Boiling point/boiling point range: Not determined. Flash point: >220°C Method: O open cup Close cup  Explosion limits: No explosion danger. Vapor density: no data.  Solubility: Immiscible or difficult to mix. Volatilization rate: no data.
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## 10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature and pressure. Possible hazardous reactions under special conditions: Reacts with strong acids and oxidants. Conditions to avoid: overheat. Substances to be avoided: Avoid acid. Hazardous decomposition products: CO and CO <sub>2</sub> .
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## 11. TOXICOLOGICAL INFORMATION

Routes of exposure: No data. Symptom: Inhalation: Non-irritating. Acute toxicity: No data. Chronic or long-term toxicity: No data. <b>Further information</b> To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
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## 12. Ecological Information

Ecotoxicity: No other relevant information. Persistence and degradability: The product is biodegradable. Bioaccumulation: No other relevant information. Mobility in soil: No other relevant information. Other adverse effects: No other relevant information
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## 13. DISPOSAL CONSIDERATIONS

Disposal method: A small amount can be disposed of with domestic waste. After consulting with the operators of waste treatment facilities and relevant authorities and complying with the necessary technical regulations, domestic waste can be incinerated. It is the responsibility of the user of this material to dispose of unused materials, residues and containers, and to dispose of hazardous and non-hazardous waste in accordance with all relevant local laws and regulations regarding handling, storage and transportation. Uncleaned packaging: Recommendation: Must be disposed of in accordance with official regulations.
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## 14. TRANSPORT INFORMATION



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UN number: Unregulated.  
United Nations shipping name: Unregulated.  
Classification of transport hazards: Unregulated. Sea (IMO/IMDG) - not regulated. Air (ICAO/IATA) - not regulated.  
Packing category: Unregulated.  
Marine pollutants (yes/no): no.  
Special shipping methods and precautions: No information.

## 15. REGULATORY INFORMATION

Applicable Regulations:  
Occupational Safety and Health Facilities Rules.  
Permissible Exposure Standards for Labor Workplaces.  
Waste disposal method.  
Industrial waste storage and removal treatment methods and facility standards.  
Hazardous chemicals labeling and general knowledge rules.  
Soil and groundwater pollution remediation law.  
Road traffic safety rules.

## 16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.