

SAFETY DATA SHEET

1. Chemical Product and Company/Undertaking Company Identification

Product name	gleitmo 165			
SDS No	S810422-003			
Issue Date	2023/03/22			
Revision Date	2023/06/14			
Supply Company information	Company name	FUCHS JAPAN LTD.		
	Address	Toranomom Waiko Bldg. 5F, 5-12-1 Toranomom, Minato-ku, Tokyo 105-0001, Japan		
	TEL	03-3436-8303		
Manufacturing Company information	Company name	FUCHS LUBRICANTS GERMANY GmbH		
	Address	Friesenheimer Str.19, 68169 Mannheim, Germany		
	TEL	+49 (0)621 3701-0	FAX	+49 (0)621 3701-570
	Emergency phone No	+49 (0)621 3701-0		
Recommended use	Lubricating grease (Please refer to Product Information)			

2. Hazards identification

[GHS CLASSIFICATION]

HEALTH HAZARDS

Skin sensitizer	Category1
Reproductive toxicity	Category2

ENVIRONMENTAL HAZARDS

Hazardous to the aquatic environment - Long term (Chronic)	Category3
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GHS classification items not listed above : Not classified / Classification not possible.

[GHS LABEL ELEMENTS]

Pictogram



Signal Word

Warning

Hazard Statement

May cause an allergic skin reaction(H317)
Suspected of damaging fertility or the unborn child(H361)
Harmful to aquatic life with long lasting effect(H412)

Precautionary Statement

Safety measures

Obtain special instructions before use.(P201)
Do not handle until all safety precautions have been read and understood.(P202)

	Avoid breathing dust/fume/gas/mist/vapours/spray.(P261)
	Contaminated work clothing should not be allowed out of the workplace.(P272)
	Avoid release to the environment.(P273)
	Wear protective gloves/protective clothing/eye protection/face protection.(P280)
First-aid measures	Specific treatment (see label).(P321)
	IF ON SKIN: Wash with plenty of soap and water.(P302+P352)
	IF exposed or concerned: Get medical advice/attention.(P308+P313)
	If skin irritation or rash occurs: Get medical advice/attention.(P333+P313)
	Take off contaminated clothing and wash it before reuse.(P362+P364)
Storage	Store locked up.(P405)
Disposal	Dispose of contents/container in accordance with international/national/prefectural/municipal regulations.(P501)

3. Composition/information on ingredients

Classification of the substance or mixture Mixture

Chemical name	Concentration(%)	CAS RN®
Mineral oil	5-10	-
Inorganic substance	5-10	-
Organic compound	1-5	-
Chromium and its compound	1-5	-
Iron water soluble salt	1-5	-
Nickel	<1	7440-02-0

Other trade secrets.

4. First aid measures

In case of inhalation	Remove victims to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice/ attention immediately. If you feel bad, get medical attention, attention.
In case of skin contact	Rinse cautiously with water for several minutes. Wash with soap and water. That you contact your doctor immediately. If skin irritation occurs, it is possible to receive medical attention, attention.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if possible then continue the cleaning. If eye irritation persists, you should contact your doctor.

In case of ingestion

Rinse the mouth.

Seek medical advice/ attention immediately.

If you feel bad, get medical attention, attention.

Most important symptoms and effects, both acute and delayed

No information

Necessary precautions for protection of person performing first aid measures

No information

Special precautions for doctors

No information

5. Fire fighting measures

Suitable extinguishing media

Foam, dry chemical, carbon dioxide, dry sand such

Unsuitable extinguishing media

Straight discharge

Special hazards arising from the substance or mixture

Highly flammable liquid and vapor.

Danger to re-ignite after the fire.

Danger to generate irritating, corrosive and toxic gases during fire.

Fire extinguishing water may cause pollution.

Special fire fighting procedures

Move containers from fire area if it can be done without risk.

When the container is exposed to heat, do not move.

Eliminate all ignition sources if safe to do so.

Special protective equipment and precautions for fire-fighters

Wear appropriate respiratory air and the protective clothing (heat resistance).

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Remove all ignition sources.

Immediately isolate leakage area with the appropriate distance in all directions.

Authorized personnel only

Ventilate before entering to an enclosed area.

Environmental precautions

Do not discharge to the environment.

Methods and material for containment and cleaning up

Absorb the effluent with an inert material (soil or dry sand) then put the effluent in waste container.

Stop leakage if it can be done without risk.

Measures to prevent secondary disasters

No information

7. Handling and storage

Handling

Technical measures

Implement the local and general ventilation written in [8. Exposure controls/ personal protection].

Precautions for safe handling	<p>Follow the regulations of the Fire Service Law.</p> <p>Avoid breathing gas / mist / vapors.</p> <p>Keep away from flame or high temperature.</p> <p>Wear suitable protective gloves, eye protection and face protection.</p> <p>Use only outdoors or in a well-ventilated area.</p> <p>Do not eat, drink or smoke when using this product.</p> <p>Wash hands thoroughly after handling.</p> <p>Avoid swallowing.</p> <p>Avoid contact with eyes.</p> <p>Avoid contact with skin.</p> <p>Avoid release to the environment.</p>
Avoid contact	No information
Hygiene measures	No information
Storage	
Safe storage conditions	<p>Follow the regulations of the Fire Service Law.</p> <p>Store in a well-ventilated place. Keep in a cool place.</p> <p>Lock it and keep it safe.</p> <p>Keep container tightly closed and store in a cool and dry place.</p>
Safe container packaging materials	No information

8. Exposure controls / Personal protection

Equipment	<p>Recommend installing eye and body wash facilities near the handling area.</p> <p>When steam, mist, smoke, etc. are generated, it is recommended that the source be sealed or that an exhaust system be installed.</p> <p>For indoor use, installation of appropriate local exhaust ventilation or ventilation equipment is recommended.</p> <p>When installing local exhaust ventilation or ventilation equipment, use explosion-proof type if necessary.</p>
Personal protection	
Respiratory protection	Wear appropriate respiratory protective equipment.
Hand protection	Wear appropriate protective gloves.
Eye and face protection	Wear appropriate protective equipment for eye.
Skin and body protection	Wear appropriate protective clothing.

9. Physical and chemical properties

Physical state	Paste
Color	Gray
Odour	Characteristic odor
Melting point/Freezing point	No information

Boiling point, initial boiling point and boiling range	No information
Flammability	No information
Range of explosion (lower bound - upper bound)	No information
Flash point	No information
Autoignition temperature	No information
Decomposition temperature	No information
pH	No information
Kinematic viscosity	No information
Solubility	Insoluble in water
Partition coefficient (n-octanol/water)	No information
Vapor pressure	No information
Density/Specific gravity	1.1g/cm ³ (15°C)
Relative vapor density	No information
Particle characteristics	No information
Other	No information

10. Stability and reactivity

Reactivity	Handling and storage, in accordance with the laws and regulations, are considered to be stable.
Chemical stability	No information
Possibility of hazardous reactions	No information
Conditions to avoid	No information
Incompatible materials	No information
Hazardous decomposition products	No information

11. Toxicological information

Acute toxicity (oral)	No information
Acute toxicity (dermal)	No information
Acute toxicity (inhalation:gases)	No information
Acute toxicity (inhalation:vapours)	No information
Acute toxicity (inhalation:dusts, mists)	No information
Skin corrosion/ Skin irritation	No information
Serious eye damage/ Eye irritation	No information

Respiratory sensitization

No information

Skin sensitization

No information

Germ cell mutagenicity

No information

Carcinogenicity

No information

Reproduction toxicity/ Effects on or via lactation

No information

Specific target organ toxicity (single exposure)

No information

Specific target organ toxicity (repeated exposure)

No information

Aspiration hazard

No information

12. Ecological information

Hazardous to the aquatic environment Short term (Acute)

No information

Hazardous to the aquatic environment Long term (Chronic)

No information

Hazardous to the ozone layer

No information

Ecotoxicity/Fish toxicity

No information

Ecotoxicity/ Invertebrate toxicity

No information

Ecotoxicity/ Algal toxicity

No information

Persistence and degradability

No information

Bioaccumulative potential

No information

Mobility in soil

No information

13. Disposal considerations

Remained waste

Discard in accordance with the standards of the local government and relevant legislation.

Delegate to an industrial waste disposal contractor receiving the permission of the prefectural governor.

In case of incineration treatment, pay attention to the substance because it contains a flammable substance.

A polluted container and packing

When disposing of empty containers, empty containers are processed in accordance with the standards of the local government as well as the related laws and regulations and waste disposal method after contents are completely removed.

14. Transport information

UN number

Not applicable

Shipping name	Not applicable
UN Class	Not applicable
Packing group	Not applicable
Special safety measures for transport or means of transport	No information
Domestic regulations	
Ground transport	Follow the transportation method specified in the Fire Service Law and the Industrial Safety and Health Law.
Marine transport	Follow the transportation method specified in the Ship Safety Law.
Air transport	Follow the transportation method specified in the Aviation Law.

15. Regulatory information

Fire Service Act	Not applicable Hazardous Rank
Pollutant Release and Transfer Register (PRTR)	Not applicable
Poisonous and Deleterious Substances Control Law	Not applicable
Industrial Safety and Health Act	Substance subject to be labeled(Mineral oil) Substance subject to be labeled(Chromium and its compound) Substance subject to be labeled(Iron water soluble salt) Substance subject to notice(Mineral oil) Substance subject to notice(Chromium and its compound) Substance subject to notice(Iron water soluble salt) Substance subject to notice(Nickel)
High Pressure Gas Safety Act	Not applicable

Law regulations are determined based on the information currently available from the raw material suppliers or manufacturers.
If new knowledge or information becomes known in the future, the above information may be subject to change.

16. Other information

Training method

Refer to this SDS.

References, etc.

Safety and Health Information Center "GHS-compliant model labels and model MSDS information".

In-house product measurement data, in-house information

National Institute of Technology and Evaluation (nite) "GHS related information"

Japanese Standards Association (JIS) JISZ7253:2019 "Methods of communicating hazard information on chemicals based on the GHS - Labels, labelling in the workplace and safety data sheets (SDS)"

Handling of description contents

This "Safety Data Sheet" is a concise summary of items that are necessary for the proper use of our products and that require special attention, and is intended for normal use.

Since not all materials and literature have been investigated, information may be omitted, and changes may occur in the content due to the discovery of new findings or corrections of previous theories.

The information contained herein is based on information in our possession, but we do not guarantee the completeness of the information.

It is subject to revision based on changes in laws and regulations and new findings.

The person in charge of the site should fully educate on-site workers on the handling of the product.

When using this information for important decisions, we recommend that you carefully review the source of the information or verify it through testing.

Values of ingredients, content, physicochemical properties, etc., are not quality assurance values.

The information contained herein is provided for informational purposes only and does not constitute a guarantee of any kind.

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