

SAFETY DATA SHEET

1. Chemical Product and Company/Undertaking Company Identification

Product name	gleitmo 582 SPRAY		
SDS No	S810432-001		
Issue Date	2023/07/24		
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	Lubricants (Please refer to Product Information)		

2. Hazards identification

[GHS CLASSIFICATION]

PHYSICAL HAZARDS

Aerosols

Category1

GHS classification items not listed above : Not classified / Classification not possible.

[GHS LABEL ELEMENTS]

Pictogram



Signal Word

Danger

Hazard Statement

Extremely flammable aerosol
May burst if heated(H222+H229)

Precautionary Statement

Safety measures

Keep away from heat/sparks/open flames/hot surfaces. -No smoking.(P210)

Do not spray on an open flame or other ignition source.(P211)

Do not pierce or burn even after use.(P251)

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50/122F.(P410+P412)

3. Composition/information on ingredients

Classification of the substance or mixture Mixture

Chemical name	Concentration(%)	CAS RN®
Butane	60-70	106-97-8
Organic compound	5-10	-
Naphtha (petroleum), hydrodesulfurised heavy	5-10	-
Calcium dihydroxide	1-5	1305-62-0
Mineral oil	1-5	-

Other trade secrets.

4. First aid measures

In case of inhalation	No information
In case of skin contact	No information
In case of eye contact	No information
In case of ingestion	No information
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	No information
Special hazards arising from the substance or mixture	No information
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	No information

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	No information

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

Follow the regulations of the Fire Service Law.

Keep away from flame or high temperature.

Avoid contact

No information

Hygiene measures

No information

Storage

Safe storage conditions

Follow the regulations of the Fire Service Law.

Safe container packaging materials

No information

8. Exposure controls / Personal protection

Control parameters

Chemical name	Administrative levels(ppm)	Administrative levels(mg/m3)	Japanese Society of Occupational Health(ppm)	ACGIH:TWA(ppm)
Butane	-	-	500	-

Equipment

Recommend installing eye and body wash facilities near the handling area.
When steam, mist, smoke, etc. are generated, it is recommended that the source be sealed or that an exhaust system be installed.
For indoor use, installation of appropriate local exhaust ventilation or ventilation equipment is recommended.
When installing local exhaust ventilation or ventilation equipment, use explosion-proof type if necessary.

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

Aerazol

Color

White

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	0°C(<0°C: Except propellants)
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	0.65g/cm ³ (0.65 ~ 0.69 g/cm ³ , 20°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

1950

Shipping name	AEROSOLS
UN Class	Class2Gases
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	Category IV Inflammable liquids Class I Petroleums Water insoluble Hazardous Rank
Pollutant Release and Transfer Register (PRTR)	Not applicable
Poisonous and Deleterious Substances Control Law	Not applicable
Industrial Safety and Health Act	<p>Substance subject to be labeled(Butane)</p> <p>Substance subject to be labeled(Naphtha (petroleum), hydrodesulfurised heavy)</p> <p>Substance subject to be labeled(Calcium dihydroxide)</p> <p>Substance subject to be labeled(Mineral oil)</p> <p>Substance subject to notice(Butane)</p> <p>Substance subject to notice(Naphtha (petroleum), hydrodesulfurised heavy)</p> <p>Substance subject to notice(Calcium dihydroxide)</p> <p>Substance subject to notice(Mineral oil)</p> <p>Ordinance on the Prevention of Organic Solvent Poisoning Article 3(Naphtha (petroleum), hydrodesulfurised heavy)</p> <p>Dangerous Substances: Inflammable Substances Applicable</p> <p>Flammable gas Applicable</p>
High Pressure Gas Safety Act	Exclusion from Application
<p>Law regulations are determined based on the information currently available from the raw material suppliers or manufacturers.</p> <p>If new knowledge or information becomes known in the future, the above information may be subject to change.</p>	

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.

Translated with www.DeepL.com/Translator (free version)