

1 Identification

Product identifier

Trade name: 633F11 - Silicone Grease 400

Recommended use and restrictions on use

General use: Lubricating grease for orthopedic procedures.

Initial supplier identifier

Company name: Otto Bock HealthCare Canada Ltd.

Street/POB-No.: 5470 Harvester Road

Postal code, city: Burlington, ON L7L 5N5, CA
Canada

WWW: www.ottobock.ca

Email: info.canada@ottobock.com

Telephone: (800) 665-3327

Telefax: (800) 463-3659

Department responsible for information:

Mark Agro, Telephone: (800) 665-3327 (9 am - 5 pm)

Additional information:

Corporate headquarters:
Ottobock SE & Co. KGaA
Max-Näder-Straße 15
Duderstadt
Germany

Emergency telephone number

COLLECT, Telephone: (613) 996-6666

2 Hazard identification

Classification

This mixture is classified as not hazardous.

Information elements

Symbols: not applicable

Hazard statements: not applicable

Precautionary statements: not applicable

Other hazards known to the supplier with respect to the product

May cause skin and eye irritation. Special danger of slipping by leaking/spilling product.

3 Composition/Information on ingredients

Mixture

Chemical name: Lubricating grease on the basis of silicon oil

4 First-aid measures

Description of necessary first-aid measures

General information:	Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.
In case of inhalation:	Provide fresh air. Seek medical treatment in case of troubles.
In case of swallowing:	Rinse mouth thoroughly with water. Seek medical treatment in case of troubles.
In case of skin contact:	Remove residues with soap and water.
In case of eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

Most important symptoms and effects, whether acute or delayed

May cause skin and eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

5 Fire-fighting measures

Suitable and unsuitable extinguishing media

Suitable extinguishing media:

Water spray jet, extinguishing powder, carbon dioxide, alcohol resistant foam

Unsuitable extinguishing media:

Full water jet

Specific hazards arising from the product

In case of fire may be liberated: Silicon dioxide, carbon monoxide and carbon dioxide.

Special protective equipment and precautions for fire-fighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Move undamaged containers from immediate hazard area if it can be done safely. Do not allow fire water to penetrate into surface or ground water.

Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Never put product containing rags into clothing pockets. Avoid breathing mist/vapours/spray. Wear appropriate protective equipment. Keep unprotected people away.

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.

Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Clean the floor and all object contaminated by this material.

Additional information: Special danger of slipping by leaking/spilling product.

7 Handling and storage

Precautions for safe handling

Advices on safe handling: Avoid prolonged and intensive skin contact.
Never put product containing rags into clothing pockets. Avoid breathing mist/vapours/spray. Wear appropriate protective equipment.
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep in a cool place.

Hints on joint storage:

Keep away from food, drink and animal feedingstuffs.

8 Exposure controls/Personal protection

Control parameters

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.

Individual protection measures, such as personal protective equipment

Hand protection: protective gloves according to OSHA Standard - 29 CFR: 1910.138.
Glove material: Nitrile rubber
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: When transferring, protection goggles are recommended. Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Body protection: Protective work clothing

General hygiene considerations:
Avoid prolonged and intensive skin contact. Change contaminated clothing. Wash hands before breaks and after work. Never put product containing rags into clothing pockets.
Avoid breathing mist/vapours/spray. Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

9 Physical and chemical properties

Information on basic physical and chemical properties

Physical state at 20 °C and 101.3 kPa: solid
Form: pasty (fat)

Colour: light brown

Odour:	characteristic
Odour threshold:	No data available
Melting point and freezing point:	No data available
Boiling point or initial boiling point and boiling range:	not applicable
Flammability:	No data available
Lower and upper explosion limit or lower and upper flammability limit:	No data available
Flash point/flash point range:	not applicable
Evaporation rate:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	not applicable
Water solubility:	insoluble
Partition coefficient — n-octanol/water:	No data available
Vapour pressure:	No data available
Density and/or relative density	at 15 °C: 1 g/cm ³ (DIN 51 757)
Vapour density:	No data available
Particle characteristics:	No data available

Additional information

Additional information:	No data available
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10 Stability and reactivity

Reactivity:	refer to section 10.3
Chemical stability:	Product is stable under normal storage conditions.
Possibility of hazardous reactions:	No hazardous reaction when handled and stored according to provisions.
Conditions to avoid:	Warmness
Incompatible materials:	Strong oxidizing agents, strong acids, strong bases
Hazardous decomposition products:	Hazardous decomposition products such as Silicon dioxide, carbon monoxide and carbon dioxide may develop with exposure to high temperature.

11 Toxicological information

Information on the likely routes of exposure

No data available

Health hazard information

Acute toxicity (oral): Based on available data, the classification criteria are not met.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Lack of data.

Serious eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

Symptoms

After eye contact:

Due to the formation of an oil film on the eye ball sight may be reversibly clouded.

12 Ecological information

Ecotoxicity

Further details: No data available

Persistence and degradability

Further details: No data available

Bioaccumulative potential

Partition coefficient — n-octanol/water:

No data available

Mobility in soil

No data available

Other adverse effects

General information: Do not allow to penetrate into soil, waterbodies or drains.

13 Disposal considerations

Waste treatment methods

Product

Recommendation: Possible alternatives: Waste key number:
120112 spent waxes and fats Incinerate according to applicable local, state and federal regulations.

Package

Recommendation: Waste key number:
150102 Plastic container
150104 Packages of metal
Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.

14 Transport information

UN number

TDG, IMDG, IATA-DGR: not applicable

UN proper shipping name

TDG, IMDG, IATA-DGR: Not restricted

Transport hazard class

TDG, IMDG, IATA-DGR: not applicable

Packing group

TDG, IMDG, IATA-DGR: not applicable

Environmental hazards

Marine pollutant: no

Special precautions in connection with transport or conveyance either within or outside the premises

Canada: Transportation of Dangerous Goods (TDG)

Shipping name: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

15 Regulatory information

National regulations - Canada

No data available

Further regulations, limitations and legal requirements

No data available

16 Other information

Revision date: 17/12/2025
Date of first version: 15/9/2010
Reason of change: General revision: Safety Data Sheet according to Hazardous Products Regulations (HPR) 2022
General revision: Safety Data Sheet according to HCS 2024 (29 CFR 1910.1200)

Abbreviations and acronyms:

AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods
EN: European Standard
EQ: Excepted quantities
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
IMO: International Maritime Organization
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
TDG: Transportation of Dangerous Goods Regulation in Canada
TRGS: Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative

Department issuing data sheet

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.