

## 1 Identification

### Product identifier

Trade name: 633F7 - Special Grease

### Recommended use and restrictions on use

General use: Lubricant for: Refined steel, steel and Plastic  
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](http://www.ottobock.ca)

Email: [info.canada@ottobock.com](mailto: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

Carcinogenicity 2

Suspected of causing cancer.

Reproductive toxicity 2

Suspected of damaging fertility.

Specific Target Organ Toxicity (Repeated Exposure) 2

May cause damage to organs through prolonged or repeated exposure.

### Information elements

Symbols:



Signal word:

**Warning**

Hazard statements:

Suspected of causing cancer.

Suspected of damaging fertility.

May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements:**

Obtain special instructions before use.  
 Do not breathe mist/vapours/spray.  
 Wear protective gloves/protective clothing/eye protection.  
 IF exposed or concerned: Get medical advice/attention.  
 Store locked up.  
 Dispose of contents/container to hazardous or special waste collection point.

**Other hazards known to the supplier with respect to the product**

At temperatures above 300 °C hazardous decomposition products may be generated.

### 3 Composition/Information on ingredients

**Mixture**

Chemical name: Mixture of metallic soap in mineral oil with additives

Hazardous ingredients:

CAS No.	Designation	Content	Classification
CAS 37640-57-6	1,3,5-Triazine-2,4,6 (1H,3H,5H)-trione, compound with 1,3,5-triazine-2,4,6-triamine (1:1)	< 10 %	Carcinogenicity 2. Reproductive toxicity 2. Specific Target Organ Toxicity (Repeated Exposure) 2.
CAS 68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene benzotriazole derivative	< 0.25 % < 0.25 %	Reproductive toxicity 2. Aquatic toxicity - chronic 3. Skin Irritation 2. Sensitization - skin 1. Aquatic toxicity - acute 1 (M-factor = 1). Aquatic toxicity - chronic 2.

The actual concentration or concentration range is withheld as a trade secret.

### 4 First-aid measures

**Description of necessary first-aid measures**

General information: If medical advice is needed, have product container or label at hand. Take off contaminated clothing and wash it before reuse.

In case of inhalation: Provide fresh air. In the event of discomfort seek medical treatment.

In case of swallowing: Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention.

In case of skin contact: Thoroughly wash skin with soap and water. In case of skin reactions, consult a physician.

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 allergic reactions in already sensitized persons.  
 May cause damage to organs through prolonged or repeated exposure.

### 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

Unsuitable extinguishing media:

Full water jet

### Specific hazards arising from the product

May form dangerous gases and vapours in case of fire.

Furthermore, there may develop: hydrogen fluoride, carbon monoxide and carbon dioxide, carbonyl fluorides

### Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus.

Additional information:

Cool endangered containers with water spray jet. Do not allow fire water to penetrate into surface or ground water.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Avoid exposure. Provide adequate ventilation.

Do not breathe mist/vapours/spray.

Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. 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.

Additional information:

Special danger of slipping by leaking/spilling product.

## 7 Handling and storage

### Precautions for safe handling

Advices on safe handling:

Obtain special instructions before use. Avoid contact with the substance.

Provide adequate ventilation, and local exhaust as needed. Wear appropriate protective equipment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Do not breathe mist/vapours/spray.

Precautions against fire and explosion:

Keep away from sources of ignition - No smoking.

### Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep only in the original container.

Store at room temperature.

Hints on joint storage:

Keep away from food, drink and animal feedingstuffs.

Do not store together with oxidizing agents.

## 8 Exposure controls/Personal protection

### Control parameters

### Appropriate engineering controls

Provide adequate ventilation, and local exhaust as needed.

### Individual protection measures, such as personal protective equipment

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

Hand protection:

protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Glove material: nitrile rubber - Layer thickness:  $\geq 1$  mm

Breakthrough time:  $> 60$  min

Unsuitable glove material: material, leather

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection:

Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Body protection:

Wear suitable protective clothing.

General hygiene considerations:

Obtain special instructions before use. Avoid contact with the substance. Do not breathe mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

### 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

liquid

Colour:

Form: Pasty

Beige

Odour:

Characteristic

Odour threshold:

No data available

Melting point and freezing point:

No data available

Boiling point or initial boiling point and boiling range:

No data available

Flammability:

No data available

Lower and upper explosion limit or lower and upper flammability limit:

No data available

Flash point/flash point range:	Not determined
Evaporation rate:	No data available
Auto-ignition temperature:	not self-igniting
Decomposition temperature:	No data available
pH:	Not applicable
Water solubility:	Not determined
Partition coefficient — n-octanol/water:	No data available
Vapour pressure:	No data available
Density and/or relative density	at 20 °C: 0.91 g/mL
Vapour density:	No data available
Particle characteristics:	Not relevant

### Additional information

Explosive properties:	not explosive
Drop point/drop range:	> 180 °C

## 10 Stability and reactivity

Reactivity:	Refer to subsection "Possibility of hazardous reactions".
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	No dangerous reactions are known.
Conditions to avoid:	Protect from heat and direct sunlight.
Incompatible materials:	Oxidizing agents
Hazardous decomposition products:	Pyrolysis products, containing fluorine

## 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: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.

Skin sensitisation: Based on available data, the classification criteria are not met.

Contains benzotriazole derivative. May produce an allergic reaction.

Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Carcinogenicity 2 = Suspected of causing cancer.

Reproductive toxicity: Reproductive toxicity 2 = Suspected of damaging fertility.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Specific Target Organ Toxicity (Repeated Exposure) 2 = May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: Based on available data, the classification criteria are not met.

## 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: Incinerate according to applicable local, state and federal regulations.  
Do not dispose of with household waste.

##### Package

Recommendation: Dispose of waste according to applicable legislation.

### 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

1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, compound with 1,3,5-triazine-2,4,6-triamine (1:1): DSL: listed

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene: DSL: listed

#### Further regulations, limitations and legal requirements

No data available

### 16 Other information

Text for labelling:	Contains 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, compound with 1,3,5-triazine-2,4,6-triamine (1:1).
Revision date:	17/12/2025
Date of first version:	21/9/2020
Reason of change:	General revision: Safety Data Sheet according to Hazardous Products Regulations (HPR) 2022
Abbreviations and acronyms:	<p>Aquatic toxicity - acute: Hazardous to the aquatic environment - acute</p> <p>Aquatic toxicity - chronic: Hazardous to the aquatic environment - chronic</p> <p>AS/NZS: Australian Standards/New Zealand Standards</p> <p>Carcinogenicity: Carcinogenicity</p> <p>CAS: Chemical Abstracts Service</p> <p>CFR: Code of Federal Regulations</p> <p>CLP: Classification, Labelling and Packaging</p> <p>DMEL: Derived minimal effect level</p> <p>DNEL: Derived no-effect level</p> <p>DSL: Domestic Substances List</p> <p>EC: European Community</p> <p>EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods</p> <p>EN: European Standard</p> <p>EQ: Excepted quantities</p> <p>IATA: International Air Transport Association</p> <p>IATA-DGR: International Air Transport Association – Dangerous Goods Regulations</p> <p>IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk</p> <p>IMDG Code: International Maritime Dangerous Goods Code</p> <p>IMO: International Maritime Organization</p> <p>MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships</p> <p>M-factor: Multiplication factor</p> <p>MFSU: Manufacture, formulation, supply and use</p> <p>OSHA: Occupational Safety and Health Administration</p> <p>PBT: Persistent, bioaccumulative and toxic</p> <p>PNEC: Predicted no-effect concentration</p> <p>Reproductive toxicity: Reproductive toxicity</p> <p>Sensitization - skin: Skin sensitisation</p> <p>Skin Irritation: Skin irritation</p> <p>STOT RE: Specific target organ toxicity - repeated exposure</p> <p>TDG: Transportation of Dangerous Goods Regulation in Canada</p> <p>TRGS: Technical Rules for Hazardous Substances</p> <p>vPvB: Very persistent and very bioaccumulative</p>

#### 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.