

## 1. Product and company identification

### Product identifier

Trade name: 83A4 - Silicone Remover

This safety data sheet pertains to the following products:  
83A4 = Siliconentferner

### Recommended use and restrictions on use

General use: Solvent.  
For orthopedic procedures.  
Reserved for industrial and professional use.

### 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)

E-mail: [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 phone number

**COLLECT, Telephone: (613) 996-6666**

**Transport:**

**CONSULTANK Lutz Harder GmbH (Contract QUALI003)**

**Telephone: +49 (0)178-4337434 (from USA: 01149 178 4337434)**

## 2. Hazards identification

### Emergency overview

Appearance: Physical state at 20 °C and 101.3 kPa: liquid

Color: colorless

Odor: soap-like

Classification: Eye Damage 1.

Hazard symbols:



Signal word:

**Danger**

Hazard statements:

Causes serious eye damage.

### Precautionary statements:

Wear protective gloves/protective clothing/eye protection/face protection.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER/doctor.

### Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and WHMIS in Canada.

### Hazards not otherwise classified

Special danger of slipping by leaking/spilling product.  
see section 11: Toxicological information

## 3. Composition / Information on ingredients

Chemical characterisation: Mixture of the substance mentioned below with non-hazardous additions

Relevant ingredients:

CAS No.	Designation	Concentration	Classification
CAS 68439-46-3	Alcohol C9-11, ethoxylated	5 - 10 %	Skin Irritation 2. Eye Damage 1.

## 4. First aid measures

General information: If medical advice is needed, have product container or label at hand.  
In case of inhalation: Provide fresh air. Keep victim calm and seek medical attention immediately.  
Following skin contact: Change contaminated clothing.  
After contact with skin, wash immediately with soap and plenty of water.  
After 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. Seek medical attention if problems persist.  
After swallowing: Rinse mouth with water. Do not induce vomiting. Immediately get medical attention.

### Most important symptoms and effects, both acute and delayed

Causes serious eye damage.

### Information to physician

Treat symptomatically.

## 5. Fire fighting measures

Flash point/flash point range: not applicable  
Auto-ignition temperature: No data available  
Suitable extinguishing media: water spray jet, Foam, extinguishing powder, sand, carbon dioxide  
Extinguishing media which must not be used for safety reasons: Full water jet

### Specific hazards arising from the chemical

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

Special protective equipment and precautions for fire-fighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Use fine water spray to extinguish surrounding fire and to cool endangered containers. Do not allow fire water to penetrate into surface or ground water. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

## 6. Accidental release measures

Personal precautions:

Provide adequate ventilation. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.

Do not breathe vapors. Take off contaminated clothing and wash it before reuse. Keep unprotected people away.

Environmental precautions:

Do not allow to enter into surface water or drains.

If necessary, notify appropriate authorities.

Methods for clean-up:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Final cleaning.

Large amounts: Dam spills and pump to remove.

Additional information:

Special danger of slipping by leaking/spilling product.

## 7. Handling and storage

### Handling

Advices on safe handling:

Provide adequate ventilation, and local exhaust as needed. Do not get in eyes, on skin, or on clothing.

Do not breathe vapors. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse.

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Work place should be equipped with a shower and an eye rinsing apparatus.

### Storage

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage:

Keep away from food, drink and animal feedingstuffs.

## 8. Exposure controls / personal protection

### Engineering controls

Provide adequate ventilation, and local exhaust as needed.

See also information in chapter 7, section storage.

### Personal protection equipment (PPE)

Eye/face protection:

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

Skin protection:

Wear suitable protective clothing.

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

Glove material: PVA (Polyvinyl alcohol)

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

Respiratory protection: When aerosols or vapors form: Respiratory protection mask.

Use filter type A (= against vapors of organic substances) according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2.

General hygiene considerations:

Do not breathe vapors. Do not get in eyes, on skin, or on clothing. Take off contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

When using do not eat, drink or smoke. Work place should be equipped with a shower and an eye rinsing apparatus.

### Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance: Physical state at 20 °C and 101.3 kPa: liquid  
Color: colorless

Odor: soap-like

Odor threshold: No data available

pH: 9.1

Melting point/freezing point: No data available

Initial boiling point and boiling range: No data available

Flash point/flash point range: not applicable

Evaporation rate: No data available

Flammability: not applicable

Explosion limits: No data available

Vapor pressure: No data available

Vapor density: No data available

Density: No data available

Water solubility: completely miscible

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Thermal decomposition: No data available

Additional information: Relative density: 1.03

## 10. Stability and reactivity

Reactivity: No data available

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions:

No hazardous reaction when handled and stored according to provisions.

Conditions to avoid: No data available

Incompatible materials: No data available

Hazardous decomposition products:  
Carbon monoxide and carbon dioxide

Thermal decomposition: No data available

## 11. Toxicological information

### Toxicological tests

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

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: Eye Damage 1 = Causes serious eye damage.

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.

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

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

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

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

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

## 12. Ecological information

### Ecotoxicity

Further details: No data available

### Mobility in soil

No data available

### Persistence and degradability

Further details: No data available

### Additional ecological information

Volatile organic compounds (VOC):

approx. 10 % by weight

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

### 13. Disposal considerations

#### Product

Recommendation: Dispose of waste according to applicable legislation.

#### Package

Recommendation: Dispose of waste according to applicable legislation.

### 14. Transport information

#### UN number

ADR/RID, IMDG, IATA-DGR:

not applicable

#### UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted

#### Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

#### Packing group

ADR/RID, IMDG, IATA-DGR:

not applicable

#### Environmental hazards

Marine pollutant:

no

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

#### USA: Department of Transportation (DOT)

Proper shipping name:

Not restricted

#### 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

### National regulations - U.S. Federal Regulations

Alcohol C9-11, ethoxylated: TSCA Inventory: listed; UVCB

### National regulations - U.S. State Regulations

No data available

### National regulations - EC member states

Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 3

## 16. Other information

Text for labeling:

Contains 5 - 10 % Alcohol C9-11, ethoxylated. Safety data sheet available on request.

Hazard rating systems:



Contains Alcohol C9-11, ethoxylated

NFPA Hazard Rating:

Health: 2 (Moderate)

Fire: 1 (Slight)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 2 (Moderate)

Flammability: 1 (Slight)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
	X

Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

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

Eye Damage: Eye damage

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

MFSU: Manufacture, formulation, supply and use

OSHA: Occupational Safety and Health Administration

PBT: Persistent, bioaccumulative and toxic

PNEC: Predicted no-effect concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail

Skin Irritation: Skin irritation

TRGS: Technical Rules for Hazardous Substances

vPvB: Very persistent and very bioaccumulative

WHMIS: Workplace Hazardous Materials Information System

Reason of change: General revision

Date of first version: 21/12/2001

**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.