1. Product and company identification

Product identifier

Trade name: 83A4 - Silicone Remover

Relevant identified uses of the substance or mixture and uses advised against

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

Details of the supplier of the safety data sheet

Company name: Otto Bock Health Care
Street/POB-No.: 3820 W. Great Lakes Drive
Postal Code, city: Salt Lake City, UT 84120
USA
WWW: www.ottobockus.com
Telephone: +1 (801) 956-2400
Telefax: +1 (801) 956-2401
Dept. responsible for information:
Quality Department,
Telephone: +1 (801) 954-2304 (7 AM – 3 PM, Mountain Time),
Email: USRegulatory@ottobock.com
Additional information: Corporate headquarters:
Ottobock SE & Co. KGaA
Max-Näder-Straße 15
Duderstadt
Germany

Emergency phone number

CHEMTREC, Telephone: +1 (800) 424-9300

2. Hazards identification

Emergency overview

Appearance: Physical state at 68 °F and 101.3 kPa: liquid
Color: colorless
Odor: soap-like

Classification: Eye Damage - Category 1;

Hazard symbols:

Signal word: **Danger**
Hazard statements: Causes serious eye damage.

Precautionary statements:
Wear protective gloves/protective clothing/eye 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 SIMDUT 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 characterization: Mixture of the substance mentioned below with non-hazardous additions

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 68439-46-3	Alcohol C9-11, ethoxylated	5 - 10 %	Skin Irritation - Category 2. Eye Damage - Category 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/effects, 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:
Foam, dry chemical powder, water spray jet

Specific hazards arising from the chemical

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

Protective equipment and precautions for firefighters:
Wear self-contained breathing apparatus and protective clothing to protect skin and eyes.

Additional information: Cool exposed containers with water spray.
Exercise particular caution when fighting chemical fires.

6. Accidental release measures

Personal precautions: Provide adequate ventilation. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment. When vapors form, use respiratory protection.
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 (e.g. 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.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Physical state at 68 °F and 101.3 kPa: liquid Color: colorless
Odor:	soap-like
Odor threshold:	No data available
pH value:	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: Refer to subsection "Possilbility of hazardous reactions".

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 - Category 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.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.

14. Transport information

USA: Department of Transportation (DOT)

Proper 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 - U.S. Federal Regulations

Alcohol C9-11, ethoxylated: TSCA Inventory: listed; UVCB; EPA flags XU
TSCA HPVC: not listed

National regulations - Great Britain

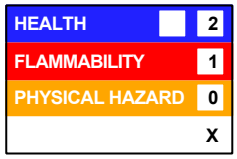
Hazchem-Code: -

16. Other information

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

Hazard rating systems: 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



Reason of change: Changes in section 2: classification, labeling
Changes in section 3: Change of compositon
Changes in section 9: Physical and chemical properties
Changes in section 14: transport
General revision

Date of first version: 2/7/2018

Department issuing data sheet

Contact person: see section 1: Dept. 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.