

Issue Date: 16/02/2022
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: REFLSS150

PAGE 1 OF 8

SECTION 1 PRODUCT IDENTIFICATION

Product identifier

RefectoCil Saline Solution

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

Cosmetics

Uses advised against

Any non-intended use.

SECTION 2 HAZARD IDENTIFICATION

Classification of the chemical

29 CFR Part 1910.1200

This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

Label elements

Additional advice on labelling

GHS Symbols and Phrases are shown here only for information. This product is a consumer product and labelling is regulated by the cosmetic regulation. Labelling according to 1910.1200 is not required.

Hazards not otherwise classified

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical characterization

The product does not contain dangerous substances according to REGULATION (EU) No. 453/2010, Annex II, Part A, 3.2.2. that must be mentioned in Chapter 3.

SECTION 4 FIRST AID MEASURES

Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

Issue Date: 16/02/2022
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: REFLSS150

PAGE 2 OF 8

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

Specific hazards arising from the chemical

Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO₂).

Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

Environmental precautions

Discharge into the environment must be avoided.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.
Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing. (See section 8.)

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

General protection and hygiene measures: refer to chapter 8

Conditions for safe storage, including any incompatibilities

Issue Date: 16/02/2022
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: REFLSS150

PAGE 3 OF 8

Requirements for storage rooms and vessels

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

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.
Recommended storage temperature: 20°C
Protect against: Light. UV-radiation/sunlight. heat. moisture.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Additional advice on limit values

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Exposure controls

Appropriate engineering controls

No special measures are necessary.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible). Standards: EN 166 or 29 CFR 1910.133

Hand protection

In case of prolonged or frequently repeated skin contact:

Wear suitable gloves.

Suitable material:

FKM (fluororubber). - Thickness of glove material: 0,4 mm

Breakthrough time \geq 8 h

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time \geq 8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time \geq 8 h

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Suitable protective clothing: Lab apron.

Issue Date: 16/02/2022
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: REFLSS150

PAGE 4 OF 8

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

exceeding exposure limit values

Suitable respiratory protective equipment: half-mask with filter EN 149 or 29 CFR 1910.134 .

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Environmental exposure controls

No special precautionary measures are necessary.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: liquid
Color: not determined
Odor: characteristic

pH-Value: not determined

Changes in the physical state

Melting point/freezing point: not determined
Initial boiling point and boiling range: not determined
Sublimation point: not determined
Softening point: not determined
Pour point: not determined
Flash point: not determined
Sustaining combustion: Not sustaining combustion

Explosive properties

none

Lower explosion limits: not determined
Upper explosion limits: not determined
Ignition temperature: not determined

Auto-ignition temperature

Gas: not determined

Decomposition temperature: not determined

Oxidizing properties

none

Vapor pressure: not determined

Density: not determined

Water solubility: not determined

Test method

Issue Date: 16/02/2022
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: REFLSS150

PAGE 5 OF 8

Solubility in other solvents

not determined

Partition coefficient:

not determined

Viscosity / dynamic:

not determined

Viscosity / kinematic:

not determined

Flow time:

not determined

Vapor density:

not determined

Evaporation rate:

not determined

Solvent separation test:

not determined

Solvent content:

not determined

Other information

Solid content:

not determined

SECTION 10

STABILITY AND REACTIVITY

Reactivity

No information available.

Chemical stability

Stability:

Stable

The product is chemically stable under recommended conditions of storage, use and temperature.

Possibility of hazardous reactions

Hazardous reactions:

Will not occur

No information available.

Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

Hazardous decomposition products

Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO₂).

SECTION 11

TOXICOLOGICAL INFORMATION

Information on toxicological effects

Route(s) of Entry

Ingestion: May be harmful if swallowed. Inhalation: May be harmful if inhaled. Skin contact: May cause irritation. Eye contact: May cause irritation.

Toxicokinetics, metabolism and distribution

No data available.

Acute toxicity

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

Irritation and corrosivity

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

Sensitizing effects

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

Issue Date: 16/02/2022
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: REFLSS150

PAGE 6 OF 8

Carcinogenic/mutagenic/toxic effects for reproduction

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

Specific target organ toxicity (STOT) - single exposure

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

Specific target organ toxicity (STOT) - repeated exposure

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

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

Aspiration hazard

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

Specific effects in experiment on an animal

No data available.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

The product has not been tested.

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

No indication of bioaccumulation potential.

Mobility in soil

No data available.

Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal.

Non-contaminated packages may be recycled.

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14 TRANSPORT INFORMATION

US DOT 49 CFR 172.101

Proper shipping name:

Not a hazardous material with respect to these transport regulations. &&
Not controlled under DOT

Marine transport (IMDG)

UN number:

No dangerous good in sense of this transport regulation.

UN proper shipping name:

No dangerous good in sense of this transport regulation.

Issue Date: 16/02/2022
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: REFLSS150

PAGE 7 OF 8

Transport hazard class(es):	No dangerous good in sense of this transport regulation.
Packing group:	No dangerous good in sense of this transport regulation.
Air transport (ICAO-TI/IATA-DGR)	
UN number:	No dangerous good in sense of this transport regulation.
UN proper shipping name:	No dangerous good in sense of this transport regulation.
Transport hazard class(es):	No dangerous good in sense of this transport regulation.
Packing group:	No dangerous good in sense of this transport regulation.
Environmental hazards	
ENVIRONMENTALLY HAZARDOUS:	no
Special precautions for user	
	refer to chapter 6-8
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
	not relevant

SECTION 15 REGULATORY INFORMATION

U.S. Regulations

National Inventory TSCA

not listed under TSCA 12(b) listed in the TSCA inventory

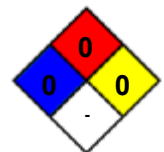
SECTION 16 OTHER INFORMATION

Hazardous Materials Information Label (HMIS)

Health:	0
Flammability:	0
Physical Hazard:	1

NFPA Hazard Ratings

Health:	0
Flammability:	0
Reactivity:	0
Unique Hazard:	-



Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
CAS Chemical Abstracts Service
DNEL: Derived No Effect Level
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
LOAEL: Lowest observed adverse effect level
LOAEC: Lowest observed adverse effect concentration
LC50: Lethal concentration, 50 percent

Issue Date: 16/02/2022
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: REFLSS150

PAGE 8 OF 8

LD50: Lethal dose, 50 percent
NOAEL: No observed adverse effect level
NOAEC: No observed adverse effect level
NTP: National Toxicology Program
N/A: not applicable
OSHA: Occupational Safety and Health Administration
PNEC: predicted no effect concentration
PBT: Persistent bioaccumulative toxic
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
SARA: Superfund Amendments and Reauthorization Act
SVHC: substance of very high concern
TRGS Technische Regeln für Gefahrstoffe
TSCA: Toxic Substances Control Act
VOC: Volatile Organic Compounds
VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe
WGK: Wassergefährdungsklasse

Other data

Classification according 29 CFR Part 1910.1200: - Classification procedure:
Health hazards: Calculation method.
Environmental hazards: Calculation method.
Physical hazards: On basis of test data. and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

END OF SDS