

Safety Data Sheet [Regulation (EC) No 1907/2006]

Transportation buffer – Saline

SECTION 1. Identification of the substance/mixture and of the company

- 1.1 Product Substance name: Sodium Chloride, 0.9%
- 1.2 Relevant identified use: Transportation of : Transportation of human tissue for processing
- 1.3 Supplier corlife oHG, Feodor-Lynen-Str.23, 30625 Hannover, Germany
Phone +49 511 56353940, email: hello@corlife.eu
- 1.4 EMERGENCY TELEPHONE NUMBER: not applicable

SECTION 2. Hazards identification

- 2.1 Classification of the substance or mixture, Regulation (EC) No 1272/2008: not hazardous
- 2.2 Label elements: This product has no labeling elements associated with EC directives or respective national laws.
- 2.3 Other hazards: None found.

SECTION 3. Composition/information on ingredients

- 3.1 Substances: --
- 3.2 Mixtures: Sodium Chloride, 0.9%; CAS No 7647-14-5; EC No 231-598-3; REACH No not applicable

SECTION 4. First aid measures

- 4.1 Description of first aid measures
- General information: 0.9% Sodium Chloride is harmless.
 - Following inhalation: movement of the exposed individual from the area to fresh air is recommended
 - Following skin contact: 0.9% Sodium Chloride is harmless.
 - Following eye contact: 0.9% Sodium Chloride is harmless.
 - Following ingestion: 0.9% Sodium Chloride is harmless.
 - Self-protection of the first aider: 0.9% Sodium Chloride is harmless.
- 4.2 Most important symptoms and effects, both acute and delayed
- Symptoms: not applicable
 - Effects: not applicable
- 4.3 Indication of any immediate medical attention and special treatment needed
- Notes for the doctor: not applicable
 - Special treatment: not applicable

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SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media: Product does not burn, fire-extinguishing activities according to surrounding.
- Unsuitable extinguishing media: not applicable

5.2 Special hazards arising from the substance or mixture

- Hazardous combustion products: Toxic fumes of sodium oxide

5.3 Advice for fire-fighters

- Use proper protective equipment.
- Additional information: no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- In case of vapour formation use respirator.
- Avoid contact with skin, eyes and clothing.
- Ensure adequate ventilation.

6.2 Environmental precautions: Do not discharge into the drains/surface waters/ground water

6.3 Methods and material for containment and cleaning up

- Soak up with absorbent material (e.g. towels, sand, universal binder).

6.4 Reference to other sections: Section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling: Keep container tightly closed. When using do not eat, drink, smoke.
- Fire preventions: No special protective measures
- Aerosol and dust generation preventions: No special protective measures
- Environmental precautions: No special protective measures
- Advice on general occupational hygiene: No special protective measures

7.2 Conditions for safe storage, including any incompatibilities

- Technical measures and storage conditions: Store @ $\leq 25^{\circ}\text{C}$
- Requirements for storage rooms and vessels: Keep only in original container.
- Further information on storage conditions: Keep away from food, drink and animal feeding stuffs

7.3 Specific end uses: Transportation buffer for human tissue donations for decellularization.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters, Occupational exposure limits:

- This product does not contain any substances for which a Workplace Exposure Limit has been set in concentrations above the limits.

8.2 Exposure controls

- Personal protective equipment: No special protective equipment required.
- Eye / Face protection: avoid contact with eyes

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: colourless
- Odour: Odourless
- pH-Value (at 20 °C): 4,0 - 7,0
- Melting point: not determined
- Initial boiling point and boiling range: 100 °C
- Flash point: n.a.
- Sustaining combustion: Not sustaining combustion
- Flammability: not relevant
- Explosive properties: not determined
- Decomposition temperature: not determined
- Oxidizing properties: not determined
- Vapour pressure: n.d.
- Density (at 20 °C): approx. 1,0 g/cm³
- Bulk density: n.a. Water solubility: (at 20 °C) Miscible Solubility in other solvents n.d. Partition coefficient:

9.2 Other information: No data available

SECTION 10: Stability and reactivity

10.1 Reactivity: No decomposition if stored and applied as directed.

10.2 Chemical stability: Stable under normal conditions

10.3 Possibility of hazardous reactions: No hazardous reactions known.

10.4 Conditions to avoid: To avoid thermal decomposition, do not overheat.

10.5 Incompatible materials: No materials to be especially mentioned.

10.6 Hazardous decomposition products: No hazardous decomposition products known.

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- 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.
- Sensitising effects: Based on available data, the classification criteria are not met.
- Carcinogenic, mutagenic, toxic effects for reproduction: Based on available data, the classification criteria are not met.
- STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.
- Additional information on tests: Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.
- Practical experience, Other observations: Contact with eyes may cause irritation.

SECTION 12: Ecological information

12.1 Toxicity: Ecological data are not available.

12.2 Persistence and degradability: No data available

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: No data available

12.5 Results of PBT and vPvB assessment: According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

12.6 Other adverse effects: No data available

Further information: Do not flush into surface water or sanitary sewer system

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal recommendations: Can be disposed of as a solid waste or burned in a suitable installation subject to local regulations.
- List of Wastes Code - residues/unused products: 070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified
- Empty containers should be taken for local recycling, recovery or waste disposal.
- Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.

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SECTION 14: Transport information

14.1 Land transport (ADR/RID)

- UN number: Not restricted.
- UN proper shipping name: Not restricted.
- Transport hazard class(es): Not restricted.
- Packing group: Not restricted.

14.2 Inland waterways transport (ADN)

- UN number: Not restricted.
- UN proper shipping name: Not restricted.
- Transport hazard class(es): Not restricted.
- Packing group: Not restricted.

14.3 Marine transport (IMDG)

- UN number: Not restricted.
- UN proper shipping name: Not restricted.
- Transport hazard class(es): Not restricted.
- Packing group: Not restricted.

14.4 Air transport (ICAO-TI/IATA-DGR)

- UN number: Not restricted.
- UN proper shipping name: Not restricted.
- Transport hazard class(es): Not restricted.
- Packing group: Not restricted.

14.5 Environmental hazards: ENVIRONMENTALLY HAZARDOUS: no

14.6 Special precautions for user: Not restricted.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- EU regulatory information 2004/42/EC (VOC): 0 %
- Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

15.2 Chemical safety assessment: For this substance a chemical safety assessment has not been carried out.

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SECTION 16: Other information

16.1 Indication of changes: --

16.2 Abbreviations and acronyms

ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
RID	Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN	Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
IMDG	International Maritime Code for Dangerous Goods
IATA/ICAO	International Air Transport Association / International Civil Aviation Organization
MARPOL	International Convention for the Prevention of Pollution from Ships
IBC-Code	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk Abbreviations and acronyms
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals
CAS	Chemical Abstract Service
EN	European norm
ISO	International Organization for Standardization
DIN	Deutsche Industrie Norm
PBT	Persistent Bioaccumulative and Toxic
vPvB	Very Persistent and very Bio-accumulative