

SAFETY DATA SHEET**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

Product identifier

SODIUM CHLORIDE SOLUTION

Details of the supplier of the safety data sheet : ASTRAZENECA PTY LTD
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Alternative Names

Sodium chloride solution for injection
 Sodium Chloride Injection 0.9%
 Sodium Chloride Injection 20%

CAS No. : Not applicable

2. HAZARDS IDENTIFICATION

This mixture is not classified as hazardous for supply/use according to GHS v 4.0. May cause slight eye irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Component	%	CAS No.		
Sodium chloride	0,9 - 20	7647-14-5		
	Hazard class #	Category	Hazard statements #	
	-	-	-	

Refer to Section 16 'Other Information'

4. FIRST-AID MEASURES**Description of first aid measures**

Inhalation : Unlikely route of exposure. Obtain medical attention if ill effects occur.
 Skin Contact : Wash skin with water.
 Eye Contact : Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes.
 Ingestion : Wash out mouth with water and give 200-300ml of water to drink. Do NOT induce vomiting as a First-Aid measure. Obtain medical attention if ill effects occur.

Most important symptoms and effects, both acute and delayed

Refer to sections 2 and 11

Indication of any immediate medical attention and special treatment needed

Symptomatic treatment and supportive therapy as indicated. For further detail consult the prescribing information.

5. FIRE-FIGHTING MEASURES

- Extinguishing Media (suitable) : As appropriate for surrounding fire. water spray, foam, dry powder or CO2.
- Extinguishing Media (unsuitable) : -
- Special hazards arising from the substance or mixture : Non-combustible.
- Special protective actions for fire-fighters : A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Ensure suitable personal protection during removal of spillages.
- Environmental Precautions : No special environmental precautions required.
- Methods and material for containment and cleaning up : Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

7. HANDLING AND STORAGE

- Precautions for safe handling : Avoid contact with skin and eyes.
- Conditions for safe storage, including any incompatibilities : Keep container tightly closed.
- Specific end use(s) : Not applicable, refer to Section 1

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limit Value

Components	Value	Control parameters	Comments
No Occupational Exposure Limit Assigned.			

Exposure Controls

The specific controls will depend on local circumstances and should be based on the risk assessment. Appropriate controls to reduce exposure may include engineering controls, for example ventilation, procedural controls and the use of personal protection equipment.

Occupational exposure controls

Decisions about whether the use of personal protective equipment (PPE) is appropriate as part of the control strategy should be based on the workplace risk assessment and should take account of local legislative requirements for selection and use. There are multiple factors that will affect the specific requirements such as amount and concentration of the material, duration of exposure, frequency of exposure, external environmental conditions, the task, the user etc.

The information below should not be used in isolation and should be considered in the context of the workplace risk assessment on a case by case basis.

Respiratory protection

No personal respiratory protective equipment normally required.

Skin protection

Wear appropriate protective clothing and gloves.

Eye protection

Wear appropriate eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form	:	aqueous solution
Colour	:	colourless
Odour	:	None
pH	:	4,5 - 7,0

Other information

No other data available

10. STABILITY AND REACTIVITY

Reactivity	:	No known reactivity hazard under normal conditions.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Reaction with concentrated acid will produce hydrogen chloride.
Conditions to avoid	:	Under wet conditions, will corrode many common metals, particularly iron, aluminium and zinc.
Incompatible materials	:	Incompatible materials: halogens
Hazardous decomposition products	:	No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

The following health hazard assessment is based on a consideration of the composition of this product.

Inhalation	:	Unlikely route of exposure.
Skin Contact	:	Repeated and/or prolonged contact may cause irritation.
Eye Contact	:	May cause slight eye irritation.
Ingestion	:	Low acute oral toxicity.
Specific Target Organ Toxicity (STOT)	:	Single exposure May cause effects as described under repeated exposure.(STOT) Repeated exposure Repeated ingestion of excessive amounts may cause disturbance of body electrolyte and fluid balance.
Sensitisation	:	Unlikely to cause skin sensitisation.
Carcinogenicity	:	No evidence of carcinogenicity in animal studies.
Mutagenicity	:	There is no evidence of genotoxic potential in in vitro and in vivo tests.
Reproductive toxicity	:	The material is not considered to be a reproductive risk to human.

12. ECOLOGICAL INFORMATION

No information on this formulation. The following information refers to active ingredient:

Toxicity	:	LC50 Daphnia magna 48 H 402,6 mg/l (sodium) LC50 Brown Shrimp 48 H (static) 16,500 - 33,000 mg/l LC50 fathead minnow 96 H (semi-static) 7 650 mg/l
Effect on Effluent Treatment	:	No information available.
Persistence and degradability	:	No information available.
Bioaccumulative potential	:	The product has no potential for bioaccumulation.
Mobility in soil	:	The product is soluble in water.
Other adverse effects	:	No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods	:	Disposal should be in accordance with local, state or national legislation.
Contaminated Packaging	:	Empty container will retain product residue. Observe all hazard precautions.

14. TRANSPORT INFORMATION

NOT RESTRICTED FOR TRANSPORT

15. REGULATORY INFORMATION

In order to comply with legal duties it is necessary to consult local and national legislation.

16. OTHER INFORMATION

The following sections contain revisions or new statements :

The Safety Data Sheet has been updated to adhere to Globally Harmonized System of Classification and Labelling of Chemicals (GHS)., This update affects most Sections of the Safety Data Sheet., Minor changes:., 1, 3, 9, 11

GLOSSARY

COM	:	In-house occupational exposure limit
LEL	:	Long-term exposure limit (8 hour TWA (time-weighted average))
STEL	:	Short-term exposure limit (15-minute TWA (time-weighted average))
TLV	:	Threshold Limit Value (ACGIH)
TLV-C	:	Threshold Limit Value - Ceiling limit (ACGIH)
HYG	:	An in-house analytical method for occupational exposure monitoring is available
Sk	:	Can be absorbed through skin, thus contributing to systemic effects
Sen	:	Capable of causing respiratory sensitisation

This Glossary is applicable to Substances for which Hazardous Ingredients/Occupational Exposure Limits are assigned.