

Issuing Date: 06-Oct-2016

Revision Date: 19-Feb-2021

**1. Identification****Product identifier**

**SDS Number:** 1277566  
**Product Name:** Sodium Chloride Solutions

**Other means of identification**

**Product Code(s):** AHB1313, AHB1354, 2B7231  
**Synonyms:** 0.45% Sodium Chloride Intravenous  
3% Sodium Chloride Intravenous  
0.9% Sodium Chloride Irrigation USP for slush preparations

**Recommended use of the chemical and restrictions on use**

**Product Use:** Pharmaceutical.  
**Product Type:** Injectable solution  
**Uses advised against** No information available

**Details of manufacturer or importer**

Baxter Healthcare Pty. Ltd.  
1 Baxter Drive  
Old Toongabbie NSW 2146 Australia  
Telephone : (02) 98481111

**Emergency telephone number**

Australia: 1 800 229 837 and Poison Information Centre 13 11 26  
Verisk 3E Global Incident Response Hotline +1 760 476 3962; Access Code 335625

**2. Hazard(s) identification****GHS Classification**

Not classified

**Label elements****Hazard statements**

Not classified

**Other hazards which do not result in classification**

Causes mild skin irritation

**General Hazards**

No information available

**3. Composition/information on ingredients****Mixture**

Chemical name	CAS No.	Weight-%
Sodium Chloride 7647-14-5	7647-14-5	0.45-3

Water 7732-18-5	7732-18-5	>97
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#### 4. First-aid measures

##### Description of first aid measures

<b>General Advice</b>	Treat symptomatically and supportively.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms occur.
<b>Eye contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.
<b>Skin contact:</b>	Wash contaminated skin with soap and water. Get medical attention if irritation develops.
<b>Ingestion:</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

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

No information available

##### Indication of any immediate medical attention and special treatment needed

Treat symptomatically. See patient package insert in shipping carton for complete information.

#### 5. Fire-fighting measures

##### Suitable Extinguishing Media

Water

##### Specific hazards arising from the chemical

No information available

##### Special protective actions for fire-fighters

Fire fighters should wear proper protective equipment.

#### 6. Accidental release measures

##### Personal precautions, protective equipment and emergency procedures

Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).

##### Environmental precautions

See Section 12 for environmental precautions.

##### Methods and material for containment and cleaning up

###### **Methods for Containment:**

If emergency personnel are unavailable, contain spilled material.

###### **Methods for cleaning up:**

For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

##### Precautions to prevent secondary hazards

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

#### 7. Handling and storage

**Precautions for safe handling**

**Technical measures/precautions:** None

**Conditions for safe storage, including any incompatibilities**

**Technical measures and storage conditions:** Keep containers tightly closed in a cool, well-ventilated place. Store below 30°C (86°F). Avoid excessive heat. Do not freeze.

**Incompatible materials:** No information available

## 8. Exposure controls/personal protection

**Control parameters**

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical name	Australia nohsc :	ACGIH TLV
Sodium Chloride - 7647-14-5	-	-
Water - 7732-18-5	-	-

**Appropriate engineering controls**

**Engineering Measures** No special containment is required.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** No special protective equipment required.

**Skin and body protection** Not required.

**Hand protection** Not required.

**Respiratory protection** No personal respiratory protective equipment normally required.

## 9. Physical and chemical properties

**Information on basic physical and chemical properties**

**Physical state:** Liquid  
**Appearance:** Aqueous solution.  
**Color:** Clear, Colorless.  
**Odor:** No information available  
**Odor Threshold:** No information available  
**pH:** 4.0  
**Melting point / melting range:** No information available  
**Boiling point / boiling range:** No information available  
**Flash point:** No information available  
**Evaporation rate:** No information available  
**Flammability (solid, gas):** No information available  
**Flammable limits in air-upper (%):** No information available  
**Flammable limits in air-lower (%):** No information available  
**Vapor pressure:** No information available  
**Vapor density** No information available

<b>Density:</b>	No information available
<b>Solubility:</b>	Soluble in water.
<b>Partition coefficient (n-octanol/water):</b>	No information available
<b>Autoignition temperature:</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity:</b>	No information available
<b>Explosive Properties:</b>	No information available
<b>Oxidizing Properties:</b>	No information available

**Other information****10. Stability and reactivity****Reactivity**

No information available.

**Chemical stability**

Stable under recommended storage conditions

**Possibility of hazardous reactions**

None under normal use conditions

**Conditions to Avoid**

Do not freeze. Avoid excessive heat.

**Incompatible materials**

No data available

**Hazardous decomposition products**

No data available

**11. Toxicological information****Acute toxicity****Information on likely routes of exposure**

**Inhalation:** Inhalation not likely under normal use conditions.

**Eye contact:** Not expected to cause eye irritation.

**Skin contact:** Not expected to cause skin irritation.

**Ingestion:** Not expected to be hazardous by ingestion.

**Symptoms:** No information available

**Numerical measures of toxicity - Product Information**

No information available

**Unknown acute toxicity** 3 % of the mixture consists of ingredient(s) of unknown toxicity

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

3 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

3 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

3 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Chloride 7647-14-5	= 3 g/kg ( Rat )	> 10 g/kg ( Rabbit )	42 g/m <sup>3</sup> 1 h (Rat)
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Corrosivity:</b>	Not classified.
<b>Irritation:</b>	Not classified.
<b>Sensitization:</b>	Not classified.
<b>Mutagenic effects:</b>	Not classified.
<b>Carcinogenic effects:</b>	Not classified.
<b>Reproductive toxicity:</b>	Reproductive studies have not been conducted on the product itself.
<b>STOT - single exposure:</b>	Not classified.
<b>STOT - repeated exposure:</b>	Not classified.
<b>Aspiration Hazard:</b>	Not classified.

## 12. Ecological information

**Ecotoxicity**

No information available

**Unknown aquatic toxicity**

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Chloride 7647-14-5	-	7050: 96 h Pimephales promelas mg/L LC50 semi-static 6420 - 6700: 96 h Pimephales promelas mg/L LC50 static 6020 - 7070: 96 h Pimephales promelas mg/L LC50 static 4747 - 7824: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5560 - 6080: 96 h Lepomis macrochirus mg/L LC50 flow-through 12946: 96 h Lepomis macrochirus mg/L LC50 static	-	1000: 48 h Daphnia magna mg/L EC50 340.7 - 469.2: 48 h Daphnia magna mg/L EC50 Static
Water	-	-	-	-

7732-18-5			
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**Persistence and degradability**

No information available.

**Bioaccumulative potential**

No information available.

Chemical name	Partition coefficient
Sodium Chloride 7647-14-5	-
Water 7732-18-5	-

**Mobility**

No information available

**Other adverse effects**

This product does not contain any known or suspected endocrine disruptors.

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Endocrine disrupting potential
Sodium Chloride 7647-14-5	-	-	-
Water 7732-18-5	-	-	-

### 13. Disposal considerations

**Waste treatment methods**

**Waste from residues/unused products**                      In accordance with local and national regulations

**Contaminated Packaging**                      In accordance with local and national regulations

### 14. Transport information

**ADG**    Not regulated

**IATA**    Not regulated

**IMDG**    Not regulated

### 15. Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Australia**

See section 8 for national exposure control parameters

**Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

No poisons schedule number allocated

#### International Inventories

<b>TSCA</b>	Does not comply
<b>DSL/NDSL</b>	Does not comply
<b>EINECS/ELINCS</b>	Does not comply
<b>ENCS</b>	Does not comply
<b>IECSC</b>	Does not comply
<b>KECL</b>	Does not comply
<b>PICCS</b>	Does not comply
<b>AICS</b>	Does not comply
<b>NZIOC</b>	Complies

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIOC** - New Zealand Inventory of Chemicals and Chemical Substances

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

## 16. Other information

**Prepared by:** Baxter Research & Development  
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**Revision Note:**  
None

#### **Key or legend to abbreviations and acronyms**

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value
*	Skin designation
C	Carcinogen

#### **Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AELG(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

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**End of Safety Data Sheet**