SAFETY DATA SHEET

Issuing Date: 12-Dec-2016 **Revision Date:** 20-Dec-2022

1. Identification

Product identifier

SDS Number: 1277825
Product Name: Sodium Chloride and Glucose Combination Solutions

Other means of identification

Product Code(s): AHB1023, AHB1034, AHB1243, AHB1254, AHB1253, AHB1064, AHB6028, AHB2026
Synonyms: 0.18% Sodium Chloride and 4% Glucose Intravenous Infusion
0.2% Sodium Chloride and 10% Glucose Intravenous Infusion
0.3% Sodium Chloride and 3.3% Glucose Intravenous Infusion
0.9% Sodium Chloride and 5% Glucose Intravenous Infusion
0.225% Sodium Chloride and 3.75% Glucose Intravenous Infusion
0.45% Sodium Chloride and 2.5% Glucose Intravenous Infusion
0.45% Sodium Chloride and 5% Glucose Intravenous Infusion

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 a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

Hazard statements
Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Other hazards which do not result in classification
General Hazards No information available

3. Composition/information on ingredients

Mixture

The product contains no substances which at their given concentration, are considered to be hazardous to health

Chemical Name	CAS No.	Weight-%
Sodium Chloride 7647-14-5	7647-14-5	<1
Glucose 50-99-7	50-99-7	2-10
Water 7732-18-5	7732-18-5	>89

4. First-aid measures

Description of first aid measures

General Advice Treat symptomatically and supportively.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms occur.

Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

Skin contact: Wash contaminated skin with soap and water. Get medical attention if irritation develops.

Ingestion: 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). 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	-	-
Glucose - 50-99-7	-	-
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: 3.5 - 6.5
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
Density:	No information available
Solubility:	Soluble in water.
Partition coefficient (n-octanol/water):	No information available
Autoignition temperature:	No information available
Decomposition temperature	No information available
Viscosity:	No information available
Explosive Properties:	No information available
Oxidizing Properties:	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.

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 0 % 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
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
0 % 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/m³ 1 h (Rat)
Glucose 50-99-7	= 25800 mg/kg (Rat)	-	-
Water 7732-18-5	> 90 mL/kg (Rat)	-	-

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

Corrosivity: Not classified.

Irritation: Not classified.

Sensitization: Not classified.

Mutagenic effects: Not classified.

Carcinogenic effects: Not classified.

Reproductive toxicity: Not classified.

STOT - single exposure: Not classified.

STOT - repeated exposure: Not classified.

Aspiration Hazard: 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	-	5560 - 6080: 96 h Lepomis macrochirus mg/L LC50 flow-through 12946: 96 h Lepomis macrochirus mg/L LC50 static 6020 - 7070: 96 h Pimephales promelas mg/L LC50 static 7050: 96 h Pimephales	-	1000: 48 h Daphnia magna mg/L EC50 340.7 - 469.2: 48 h Daphnia magna mg/L EC50 Static

		promelas mg/L LC50 semi-static 6420 - 6700: 96 h Pimephales promelas mg/L LC50 static 4747 - 7824: 96 h Oncorhynchus mykiss mg/L LC50 flow-through		
Glucose 50-99-7	-	-	-	-
Water 7732-18-5	-	-	-	-

Persistence and degradability
No information available.

Bioaccumulative potential
No information available.

Chemical Name	Partition coefficient
Sodium Chloride 7647-14-5	-
Glucose 50-99-7	-
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 Disrupters Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Endocrine disrupting potential
Sodium Chloride 7647-14-5	-	-	-
Glucose 50-99-7	-	-	-
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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

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

TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply
NZIOC	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
Issuing Date:	12-Dec-2016
Revision Date:	20-Dec-2022

Revision Note:
Additional product codes. Changes to Section 1. Changes to Section 9.

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) (AEGL(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