

1. Identification of the substance/preparation and of the company/undertaking**1.1 Identification of the product****Product number:** S5068**Name of material:** Sodium Chloride**CAS No.:** 7647-14-5**1.2 Recommended use and restriction on use**

General use : For experimental, research and industrial use

Restriction on use : Never drink, Not used except for experimental, research and industrial applications.

1.3 Manufacturer / Supplier / Distributor information**Importer/distributors identification**

Company : ASIA CHEMIE (THAILAND) CO., LTD.

Address : 44/27 Moo.4 T.Huaykapi A.Muangchonburi, Chonburi, Thailand. 20130

Telephone number : +66 3838 7988

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2. Hazards identification**2.1 GHS Classification**

Not applicable

2.2 GHS label elements**Hazard symbols**

- Not applicable

Signal words

- Not applicable

Hazard statements

- Not applicable

Precautionary statements

- Not applicable

2.3 Other hazards which do not result in classification: (NFPA Classification)**NFPA grade (0 ~ 4 level)**

- Health: 1, Flammability: 0, Reactivity: 0

3. Composition/information on ingredients

Chemical Name	Synonyms	CAS No.	Concentration (%)
Sodium chloride	Common salt; Halite;	7647-14-5	100

4. First aid measures**4.1 Eye contact**

- Do not rub your eyes.
- Immediately flush eyes with plenty of water for at least 15 minutes and call a doctor/physician.
- Go to the hospital immediately if symptoms (flare, irritate) occur.
- Remove contact lenses if worn.

4.2 Skin contact

- Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- Wash contaminated clothing thoroughly before re-using.

4.3 Inhalation contact

- When exposed to large amounts of steam and mist, move to fresh air.
- Take specific treatment if needed.

4.4 Ingestion contact

- Please be advised by doctor whether induction of vomit is demanded or not.
- Rinse your mouth with water immediately.

4.5 Delayed and immediate effects and also chronic effects from short and long term exposure

- Not available

4.6 Notes to physician

- Notify medical personnel of contaminated situations and have them take appropriate protective measures.

5. Fire-fighting measures

5.1 Suitable (Unsuitable) extinguishing media

- Dry chemical, carbon dioxide, regular foam extinguishing agent, spray.
- Avoid use of water jet for extinguishing.

5.2 Specific hazards arising from the chemical

- Non-combustible
- Due to ambient fire, hazardous vapors are possible.
- In case of fire, hydrogen chloride gas can be released.

5.3 Special protective actions for firefighters

- Wear self-contained respiratory protective device.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid generation of dusts, do not inhale dusts.

6.2 Environmental precautions

- Do not allow to enter sewerage system.

6.3 Methods and materials for containment and cleaning up

- Clean up dry and dispose according to regulation.
- Avoid generation of dusts.

7. Handling and storage

7.1 Precautions for safe handling

- Ensure good ventilation of the work station.
- Wear personal protective equipment.
- Do not get in eyes, on skin, or on clothing.

7.2 Conditions for safe storage, including any incompatibilities

- Store in original container.
- Keep container tightly closed.
- Store in a dry place.
- Protect from moisture.
- Store in a well-ventilated place.
- Keep cool.

8. Exposure controls/personal protection

8.1 Exposure limits

ACGIH TLV

- Not available

OSHA PEL

- Not available

8.2 Engineering controls

- Business owner is recommended to maintain below recommended exposure limits for the working place with general exhaust of gas/vapour/mist/fume.

8.3 Individual protection measures, such as personal protective equipment

Respiratory protection

- required when dusts are generated.

Eye protection

- Wear primary eye protection such as splash resistant safety goggles with a secondary protection face shield.
- Provide an emergency eye wash station and quick drench shower in the immediate work area.

Hand protection

- Wear appropriate glove.

Skin protection

- Wear appropriate clothing.

Others

- Not available

9. Physical and chemical properties

A. Appearance	
- Appearance	Solid
- Color	Colorless, white
B. Odor	odorless
C. Odor threshold	Not available
D. pH	4.5-7
E. Melting point/Freezing point	801 °C
F. Initial Boiling Point/Boiling Ranges	1413 °C
G. Flash point	Not available
H. Evaporation rate	Not available
I. Flammability (solid, gas)	Not available
J. Upper/Lower Flammability or explosive limits	Not available
K. Vapour pressure	1.3 hPa
L. Solubility	Soluble in water; Water 358 g/l (20 °C)
M. Vapour density	Not available
N. Specific gravity (Relative density)	2.17
O. Partition coefficient of n-octanol/water	Not available
P. Autoignition temperature	Not available
Q. Decomposition temperature	Not available
R. Viscosity	Not available
S. Molecular weight	58.44
T. Molecular formula	NaCl

10. Stability and reactivity**10.1 Chemical Stability**

- Under normal environmental conditions this product is chemically stable.

10.2 Possibility of hazardous reactions

- Exothermic reaction with alkali metals.

10.3 Conditions to avoid

- Not available

10.4 Incompatible materials

- Not available

10.5 Hazardous decomposition products

- Not available

11. Toxicological information**11.1 Information on the likely routes of exposure****Respiratory tracts**

- Not available

Oral

- Not available

Eye · Skin

- Not available

11.2 Delayed and immediate effects and also chronic effects from short and long term exposure**Acute toxicity***** Oral**

- LD50 (oral, rat): 3000 mg/kg

*** Dermal**

- LD50 (dermal, rabbit): > 10000 mg/kg

*** Inhalation**

- Not available

Skin corrosion/irritation

- Not available

Serious eye damage/irritation

- Not available

Respiratory sensitization

- Not available

Skin sensitization

- Not available

Carcinogenicity

*** IARC**

- Not available

*** OSHA**

- Not available

*** ACGIH**

- Not available

*** NTP**

- Not available

*** EU CLP**

- Not available

Germ cell mutagenicity

- Not available

Reproductive toxicity

- Not available

STOT-single exposure

- Not available

STOT-repeated exposure

- Not available

Aspiration hazard

- Not available

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12. Ecological information

12.1 Ecotoxicity

Fish

- Pimephales promelas LC50 7650 mg/l /96 h

Crustaceans

- Daphnia magna EC50 1000 mg/l /48 h

Algae

- Not available

12.2 Persistence and degradability

Biologic degradation

- Methods for the determination of biodegradability are not applicable to inorganic substances

12.3 Bioaccumulative potential

Behavior in environmental compartments

- Concentration in organisms is not to be expected due to solubility in water

12.4 Mobility in soil

Not available

12.5 Other adverse effects

Not available

13. Disposal considerations

13.1 Disposal methods

- Chemicals must be disposed of in compliance with the respective national regulations.

13.2 Special precautions for disposal

- Packaging material must be disposed of in compliance with the respective national regulations.

14. Transport information

14.1 UN No. (IMDG CODE/IATA DGR)

- Not applicable

14.2 Proper shipping name

- Not applicable

14.3 Hazard Class

- Not applicable

14.4 IMDG CODE/IATA DGR Packing group

- Not applicable

14.5 Marine pollutant

- Not applicable

14.6 Special precautions for user related to transport or transportation measures

- Local transport follows in accordance with Dangerous goods Safety Management Law.
- Package and transport follow in accordance with Department of Transportation (DOT) and other regulatory agency requirements.
- EmS FIRE SCHEDULE: Not available
- EmS SPILLAGE SCHEDULE: Not available
- Air transport (IATA): Not subject to IATA regulations.

15. Regulatory information

15.1 National and/or international regulatory information

POPs Management Law

- Not applicable

Information of EU Classification

* Classification

- Not applicable

U.S. Federal regulations

* OSHA PROCESS SAFETY (29CFR1910.119)

- Not applicable

* CERCLA Section 103 (40CFR302.4)

- Not applicable

* EPCRA Section 302 (40CFR355.30)

- Not applicable

* EPCRA Section 304 (40CFR355.40)

- Not applicable

* EPCRA Section 313 (40CFR372.65)

- Not applicable

Rotterdam Convention listed ingredients

- Not applicable

Stockholm Convention listed ingredients

- Not applicable

Montreal Protocol listed ingredients

- Not applicable

16. Other information

Reason for the revision: General update.

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Revision #5

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