Material Safety Data Sheet	
Sodium Chloride	
Version: 2.0	Date of writing: May 1, 2020
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1. Chemical Product and Company Identification

INCI name: Sodium Chloride

CAS No.: 7647-14-5

Chemical structure: NaCl

Trade name: Yeser® NaCl

Product application: Widely used as a viscosity regulator in detergents and personal care products.

Supplier name: GUANGZHOU YESER CHEMICALS CO., LTD

Supplier address: Room 903-05, Building E, Longxi Center, No.18 Qide Road, Guangzhou City, China

Website: yeserchem.com **E-mail:** info@yeserchem.com

Contact number: +86-20- 86213761 400-0768-668

Emergency contact number: +86-20- 86213761

2. Hazards Identification

GHS Classification

Not a hazardous substance or mixture according to the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

Other hazards: None

3. Composition/Information on Ingredients

Component	CAS NO.	Percentage %
Sodium Chloride	7647-14-5	100.0

4. First aid Measures

Description of the necessary first aid measures

Inhalation

If inhaled, move the patient to fresh air. If breathing stops, perform artificial respiration.

Skin contact

Rinse with soap and plenty of water.

Eye contact

Flush eyes with water as a precaution.

Ingestion

Do not feed anything by mouth to an unconscious person. Rinse the mouth with water.

Main symptoms and effects, acute and delayed effects

vomiting, diarrhea, dehydration and congestion

Instructions and directions for prompt medical management and special treatment as needed

No data available

5. Fire-fighting Measures

Extinguishing media

Extinguishing method and extinguishing agent

Use water mist, anti-ethanol foam, dry powder or carbon dioxide to extinguish the fire.

Special hazards arising from this substance or mixture

Hydrogen chloride gas, sodium oxide

Advice for firefighters

If necessary, wear self-contained breathing apparatus to fight fires.

Further information

No data available

6. Accidental Release Measures

Worker protection measures, protective equipment and emergency disposal procedures

Avoid dust generation. Avoid inhalation of vapors, fumes or gases.

Environmental protection measures

Do not allow the product to enter the sewer.

Reception of spilled chemicals, removal methods and disposal materials used

Sweep up and shovel off. Place in a suitable closed container to be disposed of.

Refer to other sections

Refer to Section 13 for disposal.

7. Handling and storage

Precautions for safe operation

Provide suitable exhaust equipment in areas where dust is generated.

Conditions for safe storage, including any incompatibilities

Store in a cool place. Keep the container closed and store in a dry and ventilated place.

Specific use

No data available

8. Exposure controls/personal protection

Allowable concentration

Maximum Allowable Concentration

There are no known national exposure limits.

Exposure control

Appropriate technical controls

Routine industrial hygiene operations.

Personal protective equipment

Eye/face protection

Use equipment tested and approved by official standards such as NIOSH (USA) or EN 166 (EU) for eye protection.

Skin Protection

Gloves must be inspected before use.

Please remove the gloves in a suitable way (do not touch the external surface of the gloves) and avoid any skin contact with the product.

After use, dispose of contaminated gloves with care in accordance with relevant laws and regulations and valid laboratory procedures. Please wash and dry your hands.

The selected protective gloves must comply with the EU regulation 89/686/EEC and the EN 376 standard from which they are derived.

Full contact

Material: Nitrile rubber

Minimum layer thickness 0.11 mm

Solvent penetration time: 480 min

Tested substance Dermatril® (KCL 740 / Z677272, size M)

Splash protection

Material: NBR

Minimum layer thickness 0.11 mm

Solvent penetration time: 480 min

Tested substance Dermatril® (KCL 740 / Z677272, size M), test method EN 374

If applied in solvent form or mixed with other substances, or under conditions different from those specified in EN374, please contact the supplier of the EC approved gloves.

Physical Protection

Body protection measures are selected according to the type, concentration and amount of the hazardous substance and the specific workplace.

The type of protective equipment must be selected according to the concentration and quantity of the hazardous substance in the particular workplace.

Respiratory protection

Respiratory protection is not required. For protection against dust damage, use dust masks type N95 (US) or P1 (EN 143).

Respirators use respirators and parts that have been tested and passed government standards such as NIOSH (US) or CEN (EU).

9. Physical and chemical properties

Appearance: White, yellowish or greenish-white crystals, no obvious foreign substance associated with the product

Sodium chloride(g/100g): ≥99.1

Moisture(g/100g): ≤0.3

Water insoluble matter(g/100g): ≤0.05

Total calcium and magnesium ions(g/100g): ≤0.25

Sulfate ion(g/100g): ≤0.3

Water solubility: Easily soluble

10. Stability and reactivity

Stability: This product is stable during storage and use at normal ambient temperature.

Reactivity: No data available

Potential for hazardous reactions: No data available

Conditions to be avoided: No data available

Incompatible materials: Strong oxidizing agents

11. Toxicological information

Information on toxicological effects

Acute toxicity

No data available

Skin irritation or corrosion

No data available

Eye irritation or corrosion

No data available

Respiratory or skin irritation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product at levels greater than or equal to 0.1% has been identified as

a probable or positive human carcinogen by the IARC.

Reproductive toxicity: **No data available**

Specific target organ system toxicity (primary exposure)

No data available

Specific target organ system toxicity (repeated exposure)

No data available

Inhalation hazard

No data available

Potential health effects

Inhalation: May be harmful by inhalation. May cause respiratory tract irritation.

Ingestion: Harmful if taken in.

Skin: May be harmful if absorbed through the skin. May cause skin irritation.

EYES: May cause eye irritation.

Signs and symptoms of exposure

To the best of our knowledge, the chemical, physical and toxic properties of this product have not been fully studied.

Additional Notes

Registration of toxic effects of chemical substances: No data available

12. Ecological information

Ecotoxicity

No data available

Persistent retention and degradability

No data available

Potential bioaccumulation

No data available

Mobility in Soil

No data available

Evaluation of the results of PBT and vPvB

No data available

Other adverse effects

No data available

13. Disposal considerations

Waste disposal methods

Product

Give the remaining and unrecovered solution to the disposal company.

Contaminated containers and packaging

Dispose of as unused product.

14. Transport information

Ground transportation: Not classified as dangerous good under transport regulations.

Shipping IMDG: Not classified as dangerous good under transport regulations.

Air transport IATA DGR: Not classified as dangerous good under transport regulations.

15. Regulatory Information

Handle in accordance with all applicable regulations.

All waste must be handled in accordance with local disposal regulations.

16. Other Information

Further information

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IMPORTANT: while the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by our company hereunder are given gratis and we assume no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

END OF DATA SHEET