



WATER SPECIALIST SUPPLY CO.,LTD.

Call : 034-440-851-3, 095-367-5790

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MATERIAL SAFETY DATA SHEET

SODIUM CHLORIDE

PRODUCT:SODIUM CHLORIDE

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

WATER SPECIALIST SUPPLY CO.,LTD.

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PREPARED BY..... Water Specialist Supply CO.,LTD
PREPARATION DATE..... 30/August/16
PRODUCT NAME.....Sodium Chloride.
SYNOYMS NAME.....Common Salt; Rock Salt; Table Salt
CHEMICAL FORMULA.....NaCl .
MOLECULAR WEIGHT.....58.44
CHEMICAL FAMILY..... INORGANIC ACID .
PRODUCT USE..... Raw material for caustic soda, chlorine production, Food industry
EMERGENCY PHONE NO..... (+66)34-440-851 to 3 or (+66)95-367-5790

SECTION 02 : COMPOSITION/INFORMATION ON INGREDIENT

Table with 4 columns: Ingredient, # CAS No., Percent, Hazardous. Row 1: Sodium Chloride, 7647-14-5, 99-100%, Yes

SECTION 03: HAZARDS IDENTIFICATION

Emergency Overview

Appearance: Colorless or White solid.

WARNING! CAUSE EYE IRRITATION. May cause skin and respiratory tract irritation. Target Organs: No data found.

Potential Health Effects

Eyes: Causes eye irritation.

Skin: May cause skin irritation.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation. Ingestion of large amounts may cause nausea and vomiting, rigidity or convulsions. Continued exposure can produce coma, dehydration, and internal organ.

Inhalation: May cause respiratory tract irritation.

Chronic : No information found.

Aggravation of Pre-existing Condition: No information found.

Health Rating: 1 - Slight

Flammability Rating: 0 - None

Reactivity Rating: 1 - Slight

Lab Protective Equip: GOGGLES; LAB COAT ; PROPER GLOVES

Storage Color Code: Green (General Storage)

SECTION 04 : FIRST AID MEASURES

INSTRUCTIONS:

Eye Contact:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin Contact:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid. Wash mouth out with water.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Notes to physician: None

SECTION 05 : FIRE FIGHTING MEASURES

Fire :

Not considered to be a fire hazard.

Explosion :

Not considered to be an explosion hazard.

Fire Extinguishing Media :

Use any means suitable for extinguishing surrounding fire.

Special Information :

In event of fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

SECTION 06 : ACCIDENTAL RELEASE MEASURES

General information :

Use proper personal protective equipments as indicated in Section 8.

Spills/Leaks :

Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. provide ventilation.

SECTION 07 : HANDLING AND STORAGE

Handling Procedures :

Use with adequate ventilation. Minimise dust generate and accumulation. Avoid contact with eyes, skin, and clothing. keep container tightly closed.

Storage Requirements :

Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.

SECTION 08 : EXPOSE CONTROL/PERSONAL PROTECTION

Engineering Controls:

Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilising this material should be equipped with an eyewash facility and safety shower.

Exposure Limits:

Chemical Name	ACGIH	NIOSH	OSHA-Final PELs
Sodium Chloride	None Listed	None Listed	None listed

OSHA Vacated PELs:

Sodium Chloride : No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear safety glasses with side shields.

Skin : Wear appropriate gloves to prevent skin exposure.

Clothing :Wear appropriate protective clothing to minimise contact with skin.

Respirators: A NIOSH/MSHA approved air purifying dust or mist respirator or European standard EN 149.

SECTION 09 :PHYSICAL AND CHEMICAL PROPERTIES

Physical state :	Solid or Crystal.
Appearance :	Colourless or White
Odour :	Odourless
PH :	7 - 9.3(10% w/v,water 25 deg °C)
Vapor Pressure (mm Hg,20C):	Not available .
Vapor density (AIR=1) :	Not available .
Evaporation Rate :	Not available .
Viscosity :	Not available .
Boiling Point :	1461 deg °C
Freezing Point :	801 deg °C
Decomposition :	Not available.
Solubility :	Freely Soluble.
Molecular Formula :	NaCl
Molecular Weight :	58.44

SECTION 10:STABILITY AND REACTIVITY

Stability:

Stable,Hygroscopic: absorbs moisture or water from the air.

Incompatibilities :

Reacts with most non-noble metals such as iron or steel, building materials (such as cement), bromine, or tri-fluoride. Potentially explosive reaction with dichloromaleic anhydride + urea. Electrolysis of mixtures with nitrogen compounds may form explosive nitrogen tri-chloride.

Hazardous Decomposition Product :

Toxic fumes of sodium oxide.

Hazardous Polymerization : Has not be reported.

Conditions to Avoid: High temperatures, exposure to moist air water.

SECTION 11 : TOXICOLOGICAL INFORMATION

Oral rat LD50 :3000 mg./kg.

Inhalation rat LC50: >42 gm./m.3/1H.

Skin rabbit LD50: >10 gm./kg. Investigated as a mutagen, reproductive effector.

_____/ Cancer Lists/_____

_____/ NTP Carcinogen /_____

Ingredient	Known	Anticipate	IRAC Category
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Sodium Chloride (7647-14-5)	No	No	None
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SECTION 12 : ECOLOGICAL CONSIDERATION

Environmental Fate: No information found.

Environmental Toxicity: No information found.

SECTION 13 : DISPOSAL CONSIDERATION

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and Approved waste disposal facility. Processing, use or contamination of this product may Change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 : TRANSPORT INFORMATION

Not regulated.

SECTION 15 :REGULATORY INFORMATION

Lebelling according to EC Directives

R-phrases: - - -

S-phrases: - - -

German regulations

Water pollution class : 0 (generally nonpolluting substance)

SECTION 16 :OTHER INFORMATION

Reference

1. Mallinckrodt Baker, Fisher and Merck - - SODIUM CHLORIDE - -

Disclaimer :

Water Specialist Supply(WSS THAILAND) CO.,Ltd provide information contained here in good faith but make no representation as to its comprehensiveness or accuracy.This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.