

Sodium Chloride (MCISC)

DATE OF ISSUE: 2015-06-06

Section 1 - Chemical Product and Company Identification

Product Name: Salt

Chemical Name: Sodium Chloride

Company Identification:

METRO CHEM INDUSTRIES.

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Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
7647-14-5	Sodium Chloride	98~100	231-598-3

Hazard Symbols: None listed.

Risk Phrases: None listed.

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: white or with light color crystalline, odorless, soluble in water

Caution! Moisture sensitive. This is expected to be a low hazard for usual industrial handling. May cause eye and skin irritation. May cause respiratory and digestive tract irritation. May cause fetal effects based upon animal studies.

Target Organs: No data found.

Potential Health Effects

Eye/Skin contact: May be irritating to eyes and skin.

Inhalation: Not classified as hazardous

Material Safety Data Sheet

Ingestion: Not classified as hazardous

Inhalation: May cause respiratory tract irritation. Low hazard for usual industrial handling.

Chronic: No information found.

Section 4 - First Aid Measures

Eyes & Skin contact: The substance is not dangerous. However, over exposure or contact with open wounds may cause irritation. Wash with water for at least 15 minutes (open eyes).

Inhalation: The substance is not dangerous by inhalation

Ingestion: Do not induce vomiting. The substance is not dangerous. Large amount of water may harm. Obtain medical attention.

Section 5 - Fire Fighting Measures

Fire: Not combustible

Suitable extinguishing media: Use extinguishing media appropriate to surrounding fire conditions. Wear fully protective suit and self-contained respiratory protective device.

Section 6 - Accidental Release Measures

Avoid raising dust.

Wear protective gear and gloves. Scoop up materials into containers for later disposal (according to the local regulations). Wash the spilled area with water.

Section 7 - Handling and Storage

Keep away from incompatible materials (see section 10)

Safety phrases: Do not breath dust. Avoid contact with eyes.

Do not store together with strong oxidizing agents. Keep container tightly closed and dry.

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Section 8 - Exposure Controls, Personal Protection

Threshold values: Not available

Personal Protective equipment: Generally, personal protection is a function of exposure. It is recommended to use working shoes, working clothes or lab coat. Working should be done in a well-ventilated area.

In addition: Mask and filter for particles type P.

Respiratory protection: If the exposure limit is exceeded and engineering controls are not feasible, use respirator.

In case of an emergency: Full protective gear and a self-contained breathing apparatus should be used, according to the severity.

Section 9 - Physical and Chemical Properties

Physical State: Powder, crystalline

Appearance: white, or with light color

Odor: odorless

pH: Not available

Vapor Pressure: Not available. **Vapor**

Density: Not available. **Evaporation**

Rate: Not available. **Viscosity:** Not available

Boiling Point: 1413 deg C (dec) **Freezing/Melting**

Point: 801 deg C **Autoignition Temperature:** Not available. **Flash Point:** Not flammable

Decomposition Temperature: Not available.

Explosion Limits, Lower: Not available.

Explosion Limits, Upper: Not available.

Solubility: Soluble in cold water.

Specific Gravity/Density: 2.165 at 25 dec

Molecular Formula: NaCl

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Section 10 - Stability and Reactivity

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions. May react with alkali metals.

Hazardous polymerization: Will not occur.

Hazardous Decomposition Products: Oxides of sodium and HCl.

Section 11 - Toxicological Information

Sodium chloride:

LD50 (Oral rat) 3000mg/kg

LD50 (absorption through skin rabbit) 10000mg/kg LC50

(Inhalation rat) 42000mg/m³ (60 minutes)

Carcinogenicity: No data available.

Section 12 - Ecological Information

Environmental hazards: No data available.

Biodegradability: No information available.

Section 13 - Disposal Considerations

Dispose of in accordance with local regulations.

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Section 14 - Transport Information

DOT Classification: Not a DOT controlled material.

RID/ADR: Non-Hazardous for transport, this substance is considered to be non-hazardous for transport

IATA: Non-Hazardous for Air Transport

IMO: Non-Hazardous for Sea Transport

Proper shipping name: Sodium Chloride

Section 15 - Regulatory Information

Labeling in accordance with local directives: No specific marking required according to all the regulations.

R-phrases: Not available

Do not breathe dust. Avoid contact with eyes.

Section 16 - Additional Information

MSDS Creation Date: 01/06/2009

Revision #2 Date: 01/01/2010

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