

The Arab Potash Company



Material Safety Data Sheet

1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION Company Identification

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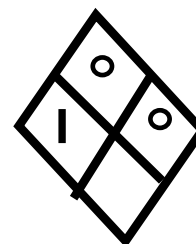
NFPA Hazard Rating Scale

0 = Least

1 = Slight 2 = Moderate

3 = High 4 = Extreme

NFPA CODE



HMIS Health: 1, Flammability: 0, Reactivity: 0, Protective Equipment: A

Product Name	Sodium chloride
Chemical Family	Inorganic Salt
Chemical Trade Name	Sodium Chloride
Formula	NaCl
Synonyms	Salt, Sea salt
Manufacturer/ Supplier	The Arab Potash Company Ltd.
Emergency Telephone	962-6-5200520
Prepared By	Technical Department

2: INGREDIENTS

Substance	Weight Percent (%)	ACGIH-TWA	OSHA -TWA	HS Codes
Sodium Chloride	90 – 100 %	Not Available	Not Available	2501 00 99

3: HAZARD IDENTIFICATION

Generally Recognized As Safe

Hazard Overview: May Cause Eye, Skin, and Respiratory Irritation

Potential Acute Health Effects:	May cause irritation.
Eyes and Skin:	Mild irritation, especially in open wounds.
Inhalation:	Exposure to high dust concentrations may cause irritation of mucous membranes
Ingestion:	A large body load may cause vomiting, diarrhea, cramps, tingling in hands and feet, weak pulse, and circulatory disturbances.
Potential Chronic Health Effects:	Not available
Carcinogenicity	NTP: Not listed as carcinogen or mutagen. IARC: Not listed as carcinogen or mutagen. OSHA: Not listed as carcinogen or mutagen.

4: FIRST AID MEASURES

Inhalation	If inhaled, remove from area to fresh air, get medical attention if respiratory irritation develops or if breathing becomes difficult give oxygen
Skin	In case of contact with skin wash with soap and water. Get medical attention if irritation persists Serious Skin Contact: Not available.
Eyes	Check for and remove any contact lenses, in case of contact with eyes immediately rinse eyes thoroughly with plenty water for at least 20 minutes and consult an ophthalmologist if irritation persists.
Ingestion	Don't induce vomiting, slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person
Notes To Physician	Not applicable

5: FIRE FIGHTING MEASURE

Flash Point	Not Applicable
Flash Point Method	Not Applicable
Auto-ignition Temperature	Not Applicable
Flammable Limits In Air "Lower (%)"	Not Applicable
Flammable Limits In Air "Upper (%)"	Not Applicable
Special Exposure Hazards	Not Applicable
Products of Combustion:	Not available.
Fire Hazards in Presence of Various Substances:	Not available.
NFPA Rating	Health 1, Flammability 0, Reactivity 0

Industrial Salt is a non- – flammable inorganic salt. It will not support combustion, and is non – hazardous

6: ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures	Use appropriate protective equipment, avoid creating and breathing dust
Environmental Precautionary Measures	Preventing disposal to sewers and waterways
Procedure For Cleaning /Absorption	Scoop up and remove
Small Spill:	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill:	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7: HANDLING AND STORAGE

Handling Precautions	Avoid contact with eyes, skin, or clothing. Avoid creating dust, don't breath Wear suitable protective clothing. If ingested seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.
Storage Information	Store in a cool, dry warehouse, Avoid humid or wet conditions as product will cake and become hard.

8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Use in a well Ventilated Area
Respiratory Protection	Dust / mist respirator
Hand Protection	Normal work gloves
Eye Protection	Wear safety glasses or goggles to protect against exposure
Other Precautions	None known

9: PHYSICAL & CHEMICAL PROPRIETIES

CHEMICAL COMPOSITION		Percentage	CAS Reg.
Sodium Chloride		90 – 100% (wt/wt)	7647-14-5
Potassium K ⁺		1% max. (wt/wt)	
Magnesium (Mg ⁺²)		2.0% max. (wt/wt)	
Calcium (Ca ⁺²)		1.0% max. (wt/wt)	
Moisture Content		2.0% max. (wt/wt)	
PHYSICAL DATA			
MELTING POINT - 801 °C, 1074 K, 1474 °F		SPECIFIC GRAVITY	2.165
BOILING POINT: 1413 °C, 1686 K, 2575 °F		Critical Temperature: Not available.	
VAPOR PRESSURE, mmHg - Not applicable		BULK DENSITY	1.063 – 1.358
SOLUBILITY: Easily soluble in cold water, hot water. Soluble in glycerol, and ammonia. Very slightly soluble in alcohol. Insoluble in Hydrochloric Acid.			
Color & ODOR – White odorless crystals		PERCENT VOLATILE: Not Available	
FORM - Solid Crystal		TASTE: Saline	
Molecular Wt. – 58.44		INDEX OF REFRACTION 1.5442	
		VISCOSITY DYNAMIC Not Determine	
10: STABILITY AND REACTIVITY DATA			
Stability	Industrial Salt is stable under all normal conditions		
Conditions To Avoid	Not anticipated		
Incompatibility – (Material To Avoid)	Non		
Hazardous Polymerization	will not occur		
Hazardous Decomposition Product	None known		
11: TOXICOLOGICAL INFORMATION			
Principle Route Of Exposure	Eye or skin contact, Ingestion and inhalation		
Chronic Effects on Humans:	MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/ or yeast.		
Toxicity to Animals:	WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral Toxicity (LD50): 3000 mg/kg [Rat.]. Acute dermal toxicity (LD50): >10000 mg/kg [Rabbit]. Acute toxicity of the dust (LC50:(>42000 mg/m3 1 hours [Rat].		
Inhalation	May cause respiratory irritation		
Skin Contact	May cause skin irritation		
Eye Contact	May cause eye irritation		
Ingestion	None Known		
Aggravated Medical Conditions	None Known		
Chronic Effects/ Carcinogenicity	No data available		
Other Information	None Known		
Toxicity	None Known		
Dermal Toxicity	Not determine		
Inhalation Toxicity	Not determine		
Careinogenicity	Not determine		
Genotoxicity	Not determine		
Reproductive/ Developmental Toxicity	Not determine		
12: ECOLOGICAL INFORMATION			
Mobility	Not determine		
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.		
Bio-Accumulation	Not determine		

Eco-toxicological Information	Not determine
Acute Crustacean Toxicity	Not determine
Acute Algae Toxicity	Not determine
Chemical Fate Information	Not determine
Other Information	Not applicable
13: DISPOSAL CONSIDERATION	
Disposal Method	Bury in a licensed landfill according to national or local regulations
Contaminated Packing	Follow national or local regulations
14: TRANSPORT INFORMATION	
Land, Air And Sea Transportation	Not restricted
D.O.T. Shipping Name:. Technical Shipping Name:. D.O.T. Hazard Class: U.N./N.A. Number: Product Rq (lbs.): D.O.T. Label: D.O.T. Placard: Freight Class Bulk: Freight Class Package: Product Label:	Not listed Not listed Not listed. Not listed. N/A Not listed. N/A N/A N/A N/A
15: Regulatory Information	
This product contains Sodium Chloride, Potassium (K ⁺), Magnesium (Mg ⁺²), Calcium (Ca ⁺²)	
Health: 1	Flammability: 0
Instability: 0	
Special Hazards:	
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme	
OSHA Status: TSCA Status: RCRA Status: EINECS Number: ENCS Number: ECL Serial Number: SWISS Number: HMIS Rating:	Not listed. Listed as non-hazardous. Not listed. 231-598-3 1-236 KE-31387 G-2580 1 0 0 A
16: Other information	
- Last updated: Nov. 17th, 2019. - The information, data, and recommendations contained herein are believed to be accurate. Arab Potash Company LTD. makes no warranty of any kind of whatever with respect thereto and disclaims all liability from reliance thereon.	