MATERIAL SAFETY DATA SHEET

Manufacturer EUROSALT TUZ SAN. LTD. Date of issue: January /2024

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Substance name – Granular Salt, technical (Sodium chloride)

1.	***Chemical product and company identification***	
1.1.	Product name	Granular Salt (Sodium chloride)
1.2.	Application	Used for technical applications in the industry and for water softening purpose
1.3.	Company identification	EUROSALT TUZ SAN DIS TIC DENZ NAK LTD STI
1.4.	Contact telephone number	Telephone:.0090 232 381 77 44 Fax: 0090 232 381 88 33 E-mail: info@salteuro.com
2.	***Composition/information on ingredients***	
2.1.	General characteristics of the chemical substances and their contents expressed in %	***Sodium chloride, % above*** 98,50 – 99,00 %
2.2.	Concentrations or concentration limit values of the substances classified as hazardous	Not classified
2.3.	Concentrations or concentration limit values of the substances, which are not classified as hazardous	Not classified
2.4.	Classification of the substances of the foregoing point	No
2.5.	Name and number of substance.	***Technical salt (sodium chloride)*** CAS № :7647-14-5 EU №: 231-598-3
3.	***Hazard identification***	
3.1	This product is not dangerous according to Classifier 67/ 548/EEC	
4.	***First aid measures***	
4.1.	Inhalation	Irritating effect when fumes are inhaled and might cause inflammation of upper respiratory duct. Remove to fresh air.
4.2.	Skin contact	Causes inflammation in continuous contact with skin. Washing with fresh water is recommended.

4.3.	Eye contact	Causes inflammation in contact with eyes. Irrigation with fresh water is recommended.
4.4.	Ingestion	Drinking of large quantities of water is recommended.
4.5	Need for qualified medical aid	Recommended.
4.6	Special aids for first-aid administration on the working premises	No special aids except washing facilities in case of possible dusting with the product.
5.	***Fire fighting measures***	
5.1.	Suitable extinguishing media	The product does not present fire hazard and does not maintain burning. In case of fire in the proximity of product storage containers of packing all fire extinguishing media are acceptable.
5.2.	Unsuitable extinguishing media	No
5.3.	Specific hazards connected with exposure to the substance and gas-emitting products formed during burning	No
5.4.	Special protective equipment for fire fighting	In case of fire use suitable protective suit.
6.	***Accidental release measures***	
6.1.	Personal precautions	Personal safety aids: for skin – protective suit, for eyes – protective goggles, for respiratory system – dust mask
6.2	Environmental precautions	Do not allow to enter the sewage system. Do not allow pollution of running or ground waters and soil.
6.3	Methods for cleaning up	The product is cleaned without the use of water. If washing is necessary: use plenty of water.
7.	***Handling and storage***	
7.1.	Handling	No special requirements.

7.2.	Storage conditions	Store the product in closed rooms, no temperature limitation.
7.3.	Specific applications	No data available.
8.	***Exposure controls/personal protection***	
8.1.	Exposure limit values	***Limit value for sodium chloride in working medium (as general dust) – 2 mg/m ^{3}*** (Not classified in Regulation №1 /30.12.2003/Official Gazette No8/2004)
8.2.	Exposure control	
8.2.1.	Exposure control in working environment	Provide ventilation system with overpressure against dusting of the working premises.
8.2.1.1.	Protection for respiratory system	Use dust mask.
8.2.1.2.	Protection for hands	Use gloves.
8.2.1.3.	Protection for eyes	Use safety goggles or full-face mask. Provide showers for eye irrigation and body wash on the working site.
8.2.1.4.	Protection for skin and body	Use protective suits .Wash protective suits after use.
8.2.2.	Control of environmental impact	Do not allow to enter the sewage, water sources or soil.
9.	***Physical and chemical properties***	
9.1.	General	White crystalline substance, odourless.

9.2.	Significant information related to human health, safety and environment	- pH of 5% solution - from 6 to 9 - Temperatures/temperature intervals when changes in the physical state of NaCL occur - Flash point – inflammable - Melting point 801 °C - Boiling point 1461 °C (1013 hPa) - Flow density 1140 kg/m^3 - Solubility in water 313 g/l (20 °C) - Solubility in organic solvents – ethanol glycerin - Explosivity – no - Oxidant - no - Steam pressure 1.3 hPa(865 °C)
9.3.	Other information	Nil
10.	***Stability and reactivity***	
10.1.	Conditions to avoid	No recommended information.
10.2.	Substances to avoid	Alkaline metals.
10.3.	Hazardous decomposition products	No information for product decomposition.
11	***Toxicological information***	
11.1	General	Handle the product with great care. ***Inhalation of dust*** : irritates respiratory system ***Skin contact***: causes inflammation at continuous contact ***Eye contact*** : causes conjunctivitis at continuous contact. ***Ingestion*** : irritates mucous tissues of mouth, larynx, oesophagus, stomach and intestine. No cancerogene effect.
		Effects of exposure (animals): LD 50, rats, oral : 3000mg/kg LD 50, mice, oral : 4000mg/kg LD 50, rabbits, dermal : 10000 mg/kg
12.	***Ecological information***	

12.1.	Ecotoxicological effects	***Biological degradability*:** The methods for establishing of biological degradability are inapplicable to non-organic substances. ***Ecological effects :*** Acute toxicity to crustaceans: Daphnia magna, $EC_{50:3412}$, mg/ l/ 24 часа Chronic toxicity for fish: Carassius auratis, LC_{50} : 7341, mg/ l/ 96 часа
12.2.	Mobility	Do not allow to enter water sources because of the high water solubility of the product (358 g/l at 25 ^{0} C)
12.3.	Stability and decomposition properties	This is a stable product
12.4.	Bioaccumulation potential	No information available.
12.5.	Other undesirable effects	No information available.
13.	***Disposal considerations***	
13.1.	For the product	Not classified in Regulation №3 /01.04.2004 (Official Gazette No 44/2004) for the classification of waste
13.2.	For packing containers/storage facilities	The containers are first washed with large quantities of water, dried and then recycled.
14.	***Transportation information***	
14.1.	Package category HS Code (rail transport)	25010051
14.2.	Package category VCI (sea transport)	10-13 (Other liquids and solids)
14.3.	Package group WGK	1 (weak pollutant)
15.	***Regulatory information***	
15.1.	Labeling	R phrases - S phrases -

15.2.	General information	Not included in the list of the Regulation for Limitations and Bans of the Trading and Use of Hazardous Chemical Substances (Official Gazette No 69/17.07.2002) Not included in the Regulation for the Order and Procedure for Import and Export of Hazardous Chemical Substances (Official Gazette No 66/09.07.2002)
16.	***Other information***	
16.1	Revised edition	According to Par. 41, I.1, Point 2 of the Regulation for the Order and Manner of Classifying, Packing and Labeling (Regulation of the Council of Ministers №43/ от 26.02.2007)