

MATERIAL SAFETY DATA SHEET

Manufacturer EUROSALT TUZ SAN. LTD.

Date of issue: January /2014

TURKEY

Edition 03/ 2016

Replaces Edition: 01

Page (issue) 6

Substance name – Tablet Salt, technical (Sodium chloride)

| | | |
|------|---|--|
| 1. | <u>Chemical product and company identification</u> | |
| 1.1. | Product name | Tablet 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. | <u>Composition/information on ingredients</u> | |
| 2.1. | General characteristics of the chemical substances and their contents expressed in % | <i>Sodium chloride, % above 99 - 99.8 %</i> |
| 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. | <i>Technical salt (sodium chloride)</i> CAS № :7647-14-5 EU №: 231-598-3 |
| 3. | <u>Hazard identification</u> | |
| 3.1 | This product is not dangerous according to Classifier 67/ 548/EEC | |
| 4. | <u>First aid measures</u> | |
| 4.1. | Inhalation | Irritating effect when fumes are inhaled and might cause inflammation of upper respiratory duct. Remove to fresh air. |

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| 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. | <u>Fire fighting measures</u> | |
| 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. | <u>Accidental release measures</u> | |
| 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. |

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| 7. | <u>Handling and storage</u> | |
| 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. | <u>Exposure controls/personal protection</u> | |
| 8.1. | Exposure limit values | <u>Limit value for sodium chloride in working medium (as general dust) – 2 mg/m³</u> (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. | <u>Physical and chemical properties</u> | |
| 9.1. | General | White crystalline substance, odourless. |

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| 9.2. | Significant information related to human health, safety and environment | <ul style="list-style-type: none"> - 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/m³ - 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. | <u>Stability and reactivity</u> | |
| 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 | <u>Toxicological information</u> | |
| 11.1 | General | <p>Handle the product with great care.</p> <p>Inhalation of dust : irritates respiratory system</p> <p>Skin contact: causes inflammation at continuous contact</p> <p>Eye contact : causes conjunctivitis at continuous contact.</p> <p>Ingestion : irritates mucous tissues of mouth, larynx, oesophagus, stomach and intestine.</p> <p>No cancerogene effect.</p> |
| | | <p>Effects of exposure (animals):</p> <p>LD 50, rats, oral : 3000mg/kg</p> <p>LD 50, mice, oral : 4000mg/kg</p> <p>LD 50, rabbits, dermal : 10000 mg/kg</p> |

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| 12. | <u>Ecological information</u> | |
| 12.1. | Ecotoxicological effects | <p>Biological degradability: The methods for establishing of biological degradability are inapplicable to non-organic substances.</p> <p>Ecological effects : Acute toxicity to crustaceans: Daphnia magna, EC_{50:3412}, mg/ l/ 24 часа Chronic toxicity for fish: Carassius auratis, LC₅₀ : 7341, mg/ l/ 96 часа</p> |
| 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. | <u>Disposal considerations</u> | |
| 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. | <u>Transportation information</u> | |
| 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. | <u>Regulatory information</u> | |

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| 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. | <u>Other information</u> | |
| 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/ OT 26.02.2007) |