

FINE
GRANULATED
SALT

For Animal Feed
Applications

Safety Data Sheet (SDS) · English

DOCUMENT WS-SDS-AF-001

REVISION / ISSUE DATE Rev. 01 · 06 Sep 2026

MAIN COMPONENT
NaCl ≥ 99.60%

PHYSICAL FORM
Fine granules

COUNTRY OF ORIGIN
Egypt

HAZARD STATUS
Not classified

DRAFT — SUPPLIER / REGULATORY REVIEW REQUIRED. This document is a working SDS prepared from the supplied product TDS and referenced regulatory sources. WhiteSalt OÜ must confirm the final product name, intended feed use, additive status, lot composition, destination-country requirements, and a 24-hour emergency contact before controlled commercial issue.

1 · Identification

Product identifier	White Salt Fine Granulated Salt for Animal Feed
Other names	Animal feed salt; feed-grade salt; fine granulated sodium chloride
Chemical name / formula	Sodium chloride / NaCl
CAS / EC / HS code	7647-14-5 / 231-598-3 / 2501.00
Recommended use	Mineral sodium and chloride source in formulated animal feed, subject to applicable feed legislation, formulation controls, and customer approval.
Restrictions on use	Not for direct human consumption, pharmaceutical, medical, or uncontrolled consumer use. Do not use as a substitute for a nutritionally balanced feed formulation.
Supplier	WhiteSalt OÜ
Registered office	Harju maakond, Tallinn, Kesklinna linnaosa, Narva mnt 7-353, 10117, Estonia
Production / export base	New Borg El Arab City, Second Eastern Industrial Zone, Plot 68, Block 8, Egypt
Website / email	white-salt.com · Info@white-salt.com · m.mousa@white-salt.com
Telephone	+20 127 741 1060
Emergency contact	+20 127 741 1060 — business contact; 24-hour availability not confirmed. In an emergency, contact local emergency services or the relevant poison centre.

2 · Hazard(s) Identification

Classification: Based on the supplied composition and reviewed sodium-chloride references, the product does not meet the criteria for classification as hazardous under [Classification, Labelling and Packaging \(CLP\)](#) or [Globally Harmonized System \(GHS\)](#).

Signal word	None
Hazard pictograms	None required
Hazard statements	None required
Precautionary statements	No mandatory label statements identified; apply good occupational hygiene and dust control.
Other hazards	Airborne dust may cause temporary mechanical irritation to eyes, skin, nose, or throat. Spilled granules may create a slip hazard. Large releases may increase salinity in soil or water.
PBT / vPvB assessment	The main component is inorganic; Persistent, Bioaccumulative and Toxic (PBT) and very Persistent and very Bioaccumulative (vPvB) criteria are not expected to apply. Supplier review is required for the final formulation.

3 · Composition / Information on Ingredients

Parameter	Value / Status	Notes
Sodium chloride	≥ 99.60%	CAS 7647-14-5 · EC 231-598-3 · not classified
Moisture	≤ 0.15%	CAS 7732-18-5
Water-insoluble matter	≤ 0.10%	Natural mineral fraction; composition may vary by lot
Calcium	0.02%	Reported product specification
Magnesium	0.02%	Reported product specification
Sodium ferrocyanide (E535)	5–10 ppm	Anti-caking additive; regulatory and feed-use conditions must be verified for the destination market

Trace-element maximums in the supplied TDS: iron ≤ 1.00 ppm, copper ≤ 0.50 ppm, arsenic ≤ 1.00 ppm, and lead ≤ 2.00 ppm. Batch-specific composition must be confirmed by the applicable Certificate of Analysis.

4 · First-Aid Measures

Inhalation	Move to fresh air. Rinse mouth and nose if dusty. Obtain medical advice if coughing, breathing discomfort, or irritation persists.
Skin contact	Remove contaminated clothing and wash exposed skin with water. Seek medical advice if persistent irritation develops.
Eye contact	Rinse cautiously with clean water for at least 15 minutes, lifting eyelids. Remove contact lenses if easy to do. Obtain medical attention if symptoms persist.
Ingestion	Rinse mouth. Give water if the person is conscious. Do not induce vomiting. Seek medical advice after a large accidental ingestion or if symptoms occur.
Most important effects	Dust may cause temporary mechanical irritation. Large ingestion may cause gastrointestinal discomfort, thirst, or disturbance of fluid and electrolyte balance.
Medical treatment	Treat symptomatically. Provide this SDS and product information to medical personnel.

5 · Fire-Fighting Measures

Sodium chloride is non-combustible. Use extinguishing media suitable for the surrounding fire. Water spray, dry chemical, foam, or carbon dioxide may be used according to adjacent materials. Avoid high-pressure streams that disperse bulk product or create uncontrolled saline runoff. Severe thermal conditions may generate irritating hydrogen chloride and sodium-oxide fumes. Firefighters exposed to smoke or decomposition products should wear full protective clothing and self-contained breathing apparatus.

6 · Accidental Release Measures

Personal precautions	Avoid generating dust. Wear eye protection and gloves; use particulate respiratory protection where dust cannot be adequately controlled. Isolate slippery areas.
Environmental precautions	Prevent large quantities from entering drains, surface water, groundwater, soil, or sensitive vegetation.
Containment / clean-up	Recover clean material for reuse where suitable. Sweep, shovel, or vacuum into clean, dry, labelled containers. Avoid wet-cleaning methods that create uncontrolled saline runoff.
Reference to other sections	See Sections 8, 12, and 13 for exposure control, environmental information, and disposal guidance.

7 · Handling and Storage

Safe handling	Avoid breathing dust and prolonged eye or skin contact. Do not eat, drink, or smoke in handling areas. Wash hands after use.
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Bulk operations	Enclose or ventilate transfer, conveying, screening, and loading points where practical. Keep handling equipment clean and control spills.
Storage	Store in a clean, dry, covered, and well-ventilated area. Protect from moisture, contamination, pests, and incompatible materials. Maintain feed-hygiene segregation where the product is intended for animal feed.
Shelf life	Indefinite when stored dry and protected from contamination, subject to packaging integrity and customer quality requirements.
Incompatibilities	Keep away from strong acids and strong oxidizing agents. Moist salt or brine may accelerate corrosion of some metals.

8 · Exposure Controls / Personal Protection

No substance-specific occupational exposure limit was identified for sodium chloride in the reviewed references. Where dust is generated, comply with applicable local limits for nuisance dust or particulates not otherwise classified.

Engineering controls	General ventilation and local dust extraction at transfer, screening, mixing, or bagging points. Provide eyewash access near dusty operations.
Eye / face protection	Safety glasses with side shields; use sealed goggles where dusty conditions are significant.
Hand / body protection	Work gloves, normal protective clothing, and suitable safety footwear. Remove wet salt-contaminated clothing and wash before reuse.
Respiratory protection	Normally not required with adequate ventilation. For excessive dust, use an approved particulate respirator under a respiratory-protection programme.
Hygiene controls	Wash hands and exposed skin after handling. Keep eating and drinking areas free from product dust and contamination.

9 · Physical and Chemical Properties

Parameter	Value / Status	Notes
Physical state / appearance	Solid / white	Fine, free-flowing crystalline granules
Odour	Odourless	Supplied product
Melting point	Approx. 801 °C	Reference value for sodium chloride
Boiling point	Approx. 1,461 °C	Reference value for sodium chloride
Flammability / flash point	Not applicable	Non-combustible inorganic solid
pH	Not determined	Depends on test concentration and method
Water solubility	Highly soluble	Approx. 358–360 g/L at 20 °C for sodium chloride
Bulk density	1,150–1,250 kg/m ³	Supplied product specification
Relative density	Approx. 2.17	Reference value for sodium chloride at 20 °C
Vapour pressure / viscosity	Not applicable	Solid at ambient conditions
Moisture	≤ 0.15%	Supplied product specification
Particle characteristics	Fine granules	≤10% retained on 850 µm; ≤12% passing 150 µm

10 · Stability and Reactivity

Reactivity	No hazardous reactivity expected under recommended conditions.
Chemical stability	Stable under recommended dry handling and storage conditions.
Hazardous reactions	Hazardous polymerisation does not occur.

Conditions to avoid	Uncontrolled moisture exposure, contamination, excessive dust generation, and severe heat.
Incompatible materials	Strong acids, strong oxidizing agents, and some reactive metals.
Hazardous decomposition	Hydrogen chloride and sodium oxides may form under severe thermal conditions.

11 · Toxicological Information

Likely exposure routes are eye and skin contact, inhalation of dust, and accidental ingestion. Dust may cause transient mechanical irritation to the eyes and upper respiratory tract. Prolonged wet contact may dry or irritate skin. Large ingestion may cause nausea, vomiting, gastrointestinal discomfort, thirst, or electrolyte disturbance.

Acute toxicity	The mixture is not classified for acute toxicity based on available information. A commonly cited reference value for sodium chloride is oral LD50, rat, approximately 3,000 mg/kg.
Skin corrosion / irritation	Not classified; prolonged or repeated wet contact may cause mild irritation or dryness.
Serious eye damage / irritation	Not classified; dust may cause mechanical irritation.
Respiratory / skin sensitisation	Not classified based on available information.
Mutagenicity / carcinogenicity / reproductive toxicity	Not classified based on available information for sodium chloride.
STOT / aspiration hazard	Not classified. Aspiration hazard is not applicable to a solid.

12 · Ecological Information

The product is highly water soluble and dissociates into sodium and chloride ions. It is not expected to bioaccumulate in the conventional organic-chemical sense. However, large or repeated releases may increase salinity and adversely affect freshwater organisms, soil structure, crops, or sensitive vegetation.

Ecotoxicity	Not classified as hazardous to the aquatic environment based on available information; concentrated releases may nevertheless cause local effects.
Persistence / degradability	Biodegradation criteria are not applicable to an inorganic salt.
Bioaccumulative potential	Low expected conventional bioaccumulation potential.
Mobility in soil	High when dissolved in water; chloride may migrate with water.
Other adverse effects	Avoid uncontrolled discharge to surface water, groundwater, drains, soil, and vegetation.

13 · Disposal Considerations

Recover clean material for intended use where quality and feed-hygiene requirements permit. Dispose of contaminated or unusable product through an authorised route in accordance with national and local regulations. Do not discharge large quantities to drains or natural waters. Empty packaging should be cleaned or disposed of according to its material and contamination status.

14 · Transport Information

The product is not regulated as dangerous goods under the reviewed [European Agreement concerning the International Carriage of Dangerous Goods by Road \(ADR\)](#), [International Maritime Dangerous Goods Code \(IMDG\)](#), or [International Air Transport Association \(IATA\)](#) frameworks.

UN number	Not assigned
UN proper shipping name	Not applicable
Transport hazard class	Not applicable
Packing group	Not applicable
Environmental hazard	Not classified as a marine pollutant
Special precautions	Protect from moisture and contamination; secure the load; control dust and saline runoff. Follow vessel, port, terminal, feed-hygiene, and contractual requirements.

15 · Regulatory Information

This SDS follows the 16-section structure of Annex II to [Registration, Evaluation, Authorisation and Restriction of Chemicals \(REACH\)](#) as amended by Commission Regulation (EU) 2020/878. Based on the reviewed composition, the product is not classified as hazardous under CLP. Sodium ferrocyanide and potassium ferrocyanide are addressed as feed additives by Commission Implementing Regulation (EU) 2025/708, subject to its identity, purity, labelling, and conditions of use. The stated 5–10 ppm sodium ferrocyanide level must be verified against the current destination-market requirements and the final customer specification. This SDS does not itself establish feed approval, registration, certification, nutritional suitability, or legal market access. WhiteSalt OÜ and the importer must confirm applicable feed, chemical, labelling, traceability, and product-control obligations before placing the product on the market.

16 · Other Information

Issue date	06 September 2026
Revision / document	Revision 01 · WS-SDS-AF-001
Prepared for	WhiteSalt OÜ
Document status	Draft — supplier and regulatory review required before controlled commercial issue
Primary basis	White Salt TDS — Bulk Fine Granulated Salt; sodium-chloride safety references; EU REACH/CLP and feed-additive sources listed below.

References

- White Salt, Technical Data Sheet — Bulk Fine Granulated Salt, supplied 2026.
- European Chemicals Agency, Sodium chloride — Substance Information, CAS 7647-14-5: [ECHA CHEM](#).
- European Union, Commission Regulation (EU) 2020/878 amending Annex II to REACH: [EUR-Lex](#).
- European Union, Commission Implementing Regulation (EU) 2025/708 concerning sodium and potassium ferrocyanide as feed additives: [EUR-Lex](#).
- Carl ROTH, Safety Data Sheet — Sodium chloride, CLP format.
- PubChem, Sodium Chloride, CID 5234: [PubChem](#).

Abbreviations and defined terms

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road: European dangerous-goods transport framework for road carriage.

CLP - Classification, Labelling and Packaging: EU Regulation (EC) No 1272/2008 framework for classifying, labelling and packaging substances and mixtures.

GHS - Globally Harmonized System: United Nations system for chemical hazard classification and communication.

IATA - International Air Transport Association: Industry framework used for dangerous goods transported by air.

IMDG - International Maritime Dangerous Goods Code: International code for dangerous goods carried by sea.

PBT - Persistent, Bioaccumulative and Toxic: Environmental hazard assessment criteria used under REACH.

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals: EU Regulation (EC) No 1907/2006.

vPvB - very Persistent and very Bioaccumulative: Environmental hazard assessment criteria used under REACH.

Disclaimer: This SDS provides guidance for safe handling, storage, transport, and disposal of the specified product. It is not a product specification, Certificate of Analysis, feed authorisation, nutritional recommendation, or warranty. WhiteSalt OÜ must review and approve the emergency contact, final composition, additive status, intended use, destination-country requirements, and revision control before issuing this document as a controlled supplier SDS.