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SAFETY DATA SHEET

Section 1: Identification of the Substance

Product Name:	Salt Blocks and Mixes. All pressed salt blocks and loose salt based mixes
Recommended Use:	Various
Company Details:	Details as above
Address:	Details as above
Telephone Number:	+64 7 575 6193 Head office Mount Maunganui New Zealand
Emergency Telephone Number:	Outside New Zealand: +64 3 35 30199 Within New Zealand: 0800 Chemcall ® (0800 243 62255)
Date of Preparation:	30th April 2024

Section 2: Hazards Identification

Inhalation: 6.1E Acute Toxicity. Very high concentrations of salt dust or mixes may result in inflammations of the mucus membranes of the respiratory tract**.**

Skin Contact: 6.4A Skin Irritant. Wash hands after handling. Salt blocks and mixes contain supplementary ingredients that may cause slight mucus irritation.

Eye Contact: Wash eyes thoroughly with water for minimum 20 minutes. Call physician. Eye irritation is possible from dust and inadvertent contact. The use of protective eyewear is recommended

Ingestion: If patient has not vomited, give water and rest.

Safety Considerations:

Do not breathe dust.
Avoid contact with eyes - Irritating to eyes.
Wear suitable protective clothing
Use only in well ventilated areas.
Keep packaging / container in a well-ventilated place.
Clean the floor and all objects contaminated by this material with water.
Keep away from food, and drink.
Take off all contaminated clothing immediately.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed, seek medical advice immediately and show container or label.
May cause sensitisation by skin contact.
Harmful if swallowed

Section 3: Composition – Information on Ingredients

All salt blocks and mixes produced by Dominion Salt contain primarily Sodium Chloride:

Chemical Name: Sodium Chloride
Synonyms: Halite, common salt, PDV salt, solar salt
Chemical Formula: NaCl
CAS Number: 7647-14-5
HSNO Approval code: HSR002722
GHS Classification: Eye irritation category 2

In addition to the Sodium Chloride, products may contain small quantities of one or more of the following chemicals: Sodium Selenite, Copper Sulphate, Magnesium Oxide, Potassium Iodate, Cobolt Sulphate, Red Oxide, Molasses, Lime, Potassium Chloride, Magnesium Sulphate, Flavouring, Stabiliser, Zinc Sulphate, Zinc Oxide, Lubricant, Copra Meal, Bovatec.

Section 4: First Aid Measures

Inhalation: Remove patient to fresh air. Keep warm and at rest. Give drinks if desired.

Ingestion: Vomiting will probably occur. Provided the patient is conscious give plenty of liquid to drink. Obtain immediate medical attention especially if vomiting has not occurred.

Eye Contact: Irrigate with eyewash solution or water. If symptoms develop obtain medical help.

Skin Contact: Wash with plenty of water.

Workplace Facilities: Emergency showers and eye wash recommended

NOTES FOR MEDICAL PERSONNEL

Swallowed: Give water to drink. No need to induce vomiting.

Eye: Irrigate with copious quantities of slow flowing water for minimum of 20 minutes. Eyelids to be held open

Skin: Brush off clothing and wash skin thoroughly with plenty of water.

Inhaled: Not normally a risk but some may experience some discomfort if working with dusty product. If exposure has occurred allow the victim to drink water.

Section 5: Fire Fighting Measures

Flammability: Non-flammable

Firefighting Agents: Use agents suitable for type of surrounding fire (dry chemical, CO_2 water spray or foam).

Special Hazards: Salt withstands temperatures up to its meting point and beyond without decomposing, but at very high temperatures (greater than approximately 800°C) a vapor may be emitted which is particularly irritating to the eyes.

Protective Equipment: As applicable to the combustion products associated with the fire.

Section 6: Accidental Release Measures

Personal Precautions:	Avoid prolonged contact with the skin and inhalation of dust concentrations, otherwise normal good handling and housekeeping practice is adequate. No special protective clothing is required. An eyewash bottle with clean water should be available.
Spillages :	Wash any residue with copious amounts of water. Disposal must be made in accordance with local and national regulations.

Section 7: Handling and Storage

Handling & Storage:	Due to its hygroscopic nature, salt based products should be stored in a dry atmosphere and away from concentrated acids. Absorbs moisture if the relative humidity is above 75 %. Salt dust is non-flammable but static electricity can be generated by pneumatic conveying, therefore pipes should be bonded and earthed, especially in environments where a spark could prove hazardous Product should be stored in such a way that it does not present a hazard if product were to fall

Section 8: Exposure Controls/Personal Protection

Subsection 1: Workplace Exposure Guidelines

Occupational Exposure:	As total dust 10mg/m_3 (8hr TWA)
Limits:	As respirable dust 4mg/m_3 (8hr TWA)
Dangerous Exposure:	Non specified.

Subsection 2: Personal Protection

Respiratory Protection:	If the process is such that salt dust is generated, a disposable face mask should be worn.
Hand Protection:	Gloves to be worn if prolonged contact is anticipated. Dry salt and concentrated solutions can cause withdrawal of fluid from the skin.
Eye Protection:	Wear chemical safety goggles in situations where contact with the eyes may occur.
Skin Protection:	Skin should be washed to remove salt. Dry salt and concentrated solutions can cause withdrawal of fluid from the skin.
Other Protective Measures:	An eyewash and hand washing facilities should be readily available.

Section 9: Physical and Chemical Properties

Blocks exhibit similar properties to those of salt

Appearance:	Crystalline solids and pressed blocks
Colour:	Brown / White / Red
Boiling Point:	1413°C
Melting Point:	802°C
Flammability:	Non-flammable
Flash Point:	Non-flammable
Explosive Properties:	Non-flammable
Oxidising Properties:	Non-flammable
Vapour Pressure:	2.4mm Hg at 747°C
Density:	2.165 gm / cc (of crystalline solid at 20°C)
Water Solubility:	35.9 g/100g at 0°C 39.2 g/100g at 100°C
Viscosity:	Not applicable
Vapour Density:	Not applicable

Section 10: Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	Reacts with strong sulphuric acid or nitric acid to give hydrogen chloride gas.
Material to Avoid:	Under wet conditions can corrode many common metals, particularly iron, aluminum and zinc.
Hazard Decomposition Products:	Trace amounts of hydrogen chloride gas may be evolved at temperatures in excess of 800°C. Contains no water of crystallization. Does not react with alkalis at ordinary temperatures

Section 11: Toxicological Information

Eyes:	Dust may be irritating
Skin:	Irritation after prolonged contact
Ingestion:	Ingestion should be avoided, seek medical advise if inadvertently swallowed.
Inhalation:	Dusts may be irritating.
Carcinogenicity:	Not considered to be a carcinogen.
Mutagenicity:	Not considered to be a mutagen.
Reproductive Effects:	Non identified.

Section 12: Ecological Information

Salt blocks and mixes are not considered to be ecotoxic

Section 13: Disposal Considerations

Spills: Collect solid salt in a conventional manner, wash the spill area down with water if necessary.

Disposal: Refer to the Local council bylaws and Land Waste Management Authority. Dissolved material in excess water is normally suitable for disposal in storm water system.

Section 14: Transport Information

Material is not included in the requirements for "Transport of Dangerous Goods on Land"

EEC Classification: Under The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002, this material is not dangerous for supply or conveyance.

Section 15: Regulatory Information

Regulatory Status : HASNO approval numbers are:

HSR00106091,	HSR00207503,	HSR00106084,
HSR00106085,	HSR0010026-24-1,	HSR00106086,
HSR00106087,	HSR00185651,	HSR00106083,
HSR007647-14-5	HSR00185650	HSR00207502
HSR00207500	HSR00207501	HSR00106090
HSR00106087	HSR00106083	HSR00185649
HSR00106088		

Section 16: Other Information

Storage: Being hygroscopic, salt must be stored correctly to prevent and change in physical condition. Blocks and salt mixes should be stored in a dry atmosphere.