



SAFETY DATA SHEET

SODIUM DITHIONITE

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Issued:

Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: SODIUM DITHIONITE
CAS number: 7775-14-6
EINECS number: 231-890-0
Index number: 016-028-00-1
Synonyms: SODIUM HYDROSULPHITE
Company name: BULK RESOURCES LIMITED
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2. HAZARDS IDENTIFICATION

Main hazards: May cause fire. Harmful if swallowed.
Other hazards: May cause fire. Contact with acids liberates toxic gas.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: SODIUM DITHIONITE 100.000%

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.
Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

[cont...]

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Do not create dust. Mark out the contaminated area with signs and prevent access to unauthorised personnel. If outside do not approach from downwind.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Powder

Colour: White

Odour: Pungent

Oxidising: Oxidising (by EC criteria)

Solubility in water: Slightly soluble

Autoflammability°C: >100

Relative density: 2.270

pH: 7-9

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no:	1384	ADR Class:	4.2
Packing group:	II	Classification code:	S4
Shipping name:	SODIUM DITHIONITE (SODIUM HYDROSULPHITE)		
Labelling:	4.2	Hazard ID no:	40



IMDG / IMO

UN no:	1384	Class:	4.2
Packing group:	II	EmS:	4.2-04
Marine pollutant:	NO		
Labelling:	4.2		

IATA / ICAO

UN no:	1384	Class:	4.2
Packing group:	II		
Packing instructions:	416(P&CA); 412(PAO)		
Labelling:	4.2		

15. REGULATORY INFORMATION

Hazard symbols: Harmful.



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Risk phrases: R7: May cause fire.
R22: Harmful if swallowed.

Safety phrases: S3: Keep in a cool place.
S7/8: Keep container tightly closed and dry.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.