

MATERIAL SAFETY DATA SHEET – NEUTRALISING CRYSTALS

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1. Product name/description:

NEUTRALISING CRYSTALS.

2. Composition/information on ingredients:

Sodium carbonate (ca. 99%) CAS No: 497-19-8, corrosion inhibitor.

3. Hazards identification:

NO HAZARD CATEGORY. Very slight irritation to eyes and respiratory system.

4. FIRST AID MEASURES:

Eyes: Flush with water for at least 10 minutes. Seek medical attention if irritation persists.

Skin: Wash with water.

Ingestion: **DONOT INDUCE VOMITING** . Wash out mouth with water, and drink 250 ml of warm water. Seek medical attention.

Inhalation: Remove patient to fresh air. Seek medical attention if coughing persists.

5. Firefighting measures:

Material is not combustible. Use any suitable fire fighting medium for other materials present.

Generates carbon dioxide fumes upon decomposition at temperatures above 850 °C.

6. Accidental release measures:

Sweep up powder and transfer to a suitable container, or flush to waste with plenty of water.

7. Handling & storage:

Handling: Avoid skin and eye contact.

Storage: Store in cool, dry, ventilated area, away from materials which react with alkalis.

8. Exposure controls/personal protection:

Respiratory protection: Avoid breathing dust.

Hand protection: Wear rubber or PVC gloves.

Eye protection: Wear goggles.

9. Physical & chemical properties:

- x Appearance: Fine white powder.
- x Density: ca. 1.6 kg/litre.
- x Odour: None.
- x pH of 1% solution: 12
- x Solubility in water: 22% at 20 °C.

10. Stability & reactivity:

Conditions to avoid: Avoid exposure to moisture and humid atmosphere to prevent caking.

Materials to avoid: Whilst in storage keep away from strong acids, acid anhydrides, and aluminium.

Hazardous decomposition products: Decomposes at temperature generating heat and carbon dioxide.

11.Toxicologicalinformation:

Skincontact :Willcauseirritationtoskin,duetoremovalofnaturaloils.

Eyecontact :Finedustmaycauseirritationtotheeye.

Ingestion:Irritationtothedigestivesystemwilloccur.

Inhalation:Highairborneconcentrationsmaycausecoughingandrespiratorydifficulties.

12.Ecologicalinformation:

Practicallynontoxiclivingresources.DoesnotpresentecologicalhazardotherthanhighpH.

13.Disposalconsiderations:

Disposeofbyflushingawaywithcopiousamountsofwaterorslowlyneutralisingwithacidtoneutral pH. Neutralisationgeneratesheat.

14.Transportinformation:

Notregulatedfortransport.

x UNNo. none

x CASNumber:497-19-8.

x IMDG:Notapplicable Packinggroup:Notallocated.

x ADR:Notallocated.

x ICAO/IATA:Notallocated.

Shippingname:NEUTRALISINGCRYSTALS.

15.Regulatoryinformation:

Symbol:IRRITANT

x RISKPHRASES:

R36 Irritatingtoeyes.

x SAFETYPHRASES:

S22 Donotbreathedust.

S26 Incaseofcontactwitheyes,rinseimmediatelywithwaterandseekmedicaladvice.

16.Otherinformation:

Usualapplicationofproduct :Neutralisingofacidicdescalingproductsbeforedisposal.

Legaldisclaimer: Theaboveinformationisbasedonthepresentstateofourknowledgeoftheproduct atthetimeofpublication.Itisgivinggoodfaith,nowarrantyisimpliedwithrespecttothequalityor specificationoftheproduct.Theusermustsatisfyhimselfthattheproductisentirelysuitableforhis purpose.

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