

MATERIAL SAFETY DATA SHEET-NEUTRALISING CRYSTALS

Kamco Limited

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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: **DO NOT 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. Fire fighting 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:

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

10. Stability & reactivity:

Conditions to avoid: Avoid exposure to moisture and humid atmospheres 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. Toxicological information:

Skin contact: Will cause irritation to skin, due to removal of natural oils.

Eye contact: Fine dust may cause irritation to the eye.

Ingestion: Irritation to the digestive system will occur.

Inhalation: High airborne concentrations may cause coughing and respiratory difficulties.

12. Ecological information:

Practically non toxic to living resources. Does not present ecological hazard other than high pH.

13. Disposal considerations:

Dispose of by flushing away with copious amounts of water or slowly neutralising with acid to neutral pH. Neutralisation generates heat.

14. Transport information:

Not regulated for transport.

- UN No. none
- CAS Number: 497-19-8.
- IMDG: Not applicable Packing group: Not allocated.
- ADR: Not allocated.
- ICAO/IATA : Not allocated.

Shipping name: NEUTRALISING CRYSTALS.

15. Regulatory information:

Symbol: IRRITANT

- RISK PHRASES:
R36 Irritating to eyes.
- SAFETY PHRASES:
S22 Do not breathe dust.
S26 In case of contact with eyes, rinse immediately with water and seek medical advice.

16. Other information:

Usual application of product: Neutralising of acidic descaling products before disposal.

Legal disclaimer: The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.