



Material Safety Data Sheet

UNISTAR

1. Identification of the Substance/Preparation and the Company/Undertaking

Preparation date: 01-04-07

Substance or preparation trade name: UNISTAR
Unique reference numbers(s): 174050-6
Company/undertaking name & address: Caled Industries, 26 Hanes Drive, Wayne, NJ 07470

Telephone: 1-800-652-2533
Emergency telephone number: 1-800-424-9300 Chemtrec

2. Hazardous Ingredients

Substance:	Aprox. %	CAS #
Sodium Carbonate	50-70	497-19-8
Sodium Meta Silicate	10-20	6834-92-0 OSHA PEL 15mg/m ³ ACGIH TLV TWA 10mg/m ³

3. Hazards Identification

Health: 2 **Flammability:** 0 **Reactivity:** 1

4. First aid measures

Skin contact: Flush with large amount of water. When irritation persists get medical Attention.
Eyes contact: Flush eyes with large amount of water. Get medical attention.
Ingestion: Not a normal route of entry. May cause burning of the mucus membrane. Get medical attention.
Inhalation: Remove to fresh air. Administer artificial respiration if not breathing/

5. Fire fighting measures

Suitable extinguishing media: Water, dry chemicals
Unsuitable extinguishing media:
Special hazards in fire: None known
Required special protective equipment.
for fire-fighters: Wear Protective clothing and self contained breathing apparatus in confined areas.

6. Accidental release measures



Material Safety Data Sheet

UNISTAR

Personal precautions: Wear safety goggles and gloves
Environmental precautions: None known
Methods for cleaning: Shovel small spills or flush area with water if locally permitted.
Dispose of in accordance with federal, state and local regulations.

7. Handling and storage

Handling: Keep container closed.
Storage: Keep container closed away from open flame, heat and sparks.

8. Exposure Controls

Engineering measures: None known
Control Parameters:
Personal protection equipment:
Eye protection: Safety glasses or safety shield. Eye wash station. Use NIOSH approved mask.
Hand protection: Neoprene gloves
Hygiene measures:

9. Physical and chemical properties

Appearance: White to off white powder
Odor: Bland
pH: 1% in water – 10.0 – 12.0
Boiling point: NA
Melting point: NA
Flashpoint: None
Explosive properties:
Vapor pressure: NA
Relative density: 0.850
Solubility: Soluble in water

10. Stability and reactivity

Conditions to avoid: None known
Materials to avoid: Strong acids, oxidizing agents
Hazardous decomposition products: Thermal decomposition may yield toxic gas as carbon monoxide.

11. Toxicological information

Acute toxicity:
Local effects
Excessive exposure may affect human health as follows:
Skin contact: Prolonged contact may cause irritation



Material Safety Data Sheet

UNISTAR

Eye contact: Prolonged contact may cause irritation.
Inhalation/ingestion: May cause irritation to mucous linings.

12. Ecological information

None known

13. Disposal Considerations

Contact local authorities for disposal regulations.

14. Transport information

Classification data:

DOT: Not regulated

UN: Not regulated

15. Regulatory information

Toxics Release Inventory SARA TITLE III, Section 313:

Sodium Hydroxide CAS #: 1310-73-2

16. Other Information

Recommendations/restrictions:

Sources of key data used to compile:

NA= Not applicable ND= No data available NE= No establish <=Less than >= Greater than

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