

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

SUBSTANCE NAME: Soda Blast Abrasive - Coarse
MODEL NO. -
PART NO: 3052800 & 3052805
COMPANY IDENTIFICATION: CLARKE INTERNATIONAL,
HEMNALL STREET, EPPING, ESSEX. CM16 4LG
BUSINESS TELEPHONE: 01992 565300
BUSINESS FAX: 01992 561562
EMERGENCY TELEPHONE: 020 89887400

2. COMPOSITION/INFORMATION ON INGREDIENTS:

2.1 Composition: Proprietary products – not applicable.
Contains sodium bicarbonate

3. HAZARDS IDENTIFICATION:

3.1 Health Hazard Summary A substance of low toxicity. Treat as a low toxicity dust.
3.2 Risk and Safety Phrases Not applicable

4. FIRST AID MEASURES:

4.1 In case of eye contact Immediately irrigate the eye with copious quantities of water or eyewash solution. Seek medical attention if irritation persists.
4.2 In case of skin contact Rinse off with water without undue delay. Seek medical attention if irritation persists.
4.3 In case of inhalation Remove to fresh air. Seek medical attention if symptoms are evident.
4.4 In case of ingestion Do not induce vomiting. Rinse mouth with water and give 200 – 300 ml (half a pint) of warm water to drink. Seek medical attention if large amounts have been ingested.
4.5 Further information Not likely to be required, but if necessary treat symptomatically.

5. FIRE FIGHTING MEASURES:

5.1 General The product is not flammable or combustible.
5.2 Flash Point Not applicable.
5.3 Autoignition Temperature Not applicable.
5.4 Flammability Limits Not applicable.
5.5 Fire Extinguishing Media Use extinguishing media appropriate to the surrounding fire condition.
5.6 Unusual and Explosion Hazards If extremely large quantities are involved, significant levels of carbon dioxide (CO₂) may be generated making necessary the use of a self-contained breathing apparatus (CO₂ is an asphyxiant at levels over 5%). Sodium carbonate (soda ash), another thermal decomposition product, generated rapidly at temperatures above 109°C is a respiratory and skin irritant.
5.7 Protective Equipment in case of fire Wear self-contained breathing apparatus if large quantities are involved. See section 5.6 on decomposition products.

6. ACCIDENTAL RELEASE MEASURES:

6.1 Small Spillages Rinse away with plenty of water.
6.2 Large Spillages Collect up all solid spillage and then wash residual clean material to drain with an excess of water. Spent material containing paint chips, grease etc. should be filtered and the solids collected for disposal.
6.3 Precautions The product can cause damage to vegetation receiving over-spray. Ornamental plants, shrubs and trees should be

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protected.
6.4 Personal Protective Equipment Overalls, gloves and goggles must be worn.

7. HANDLING & STORAGE:

7.1 General Atmospheric levels of dust should be maintained at the lowest level reasonably practicable below the OES (see section 8.1). Overalls and gloves must be worn for continuous and regular handling.

7.2 Containers Polythene lined paper sacks or plastic kegs.

7.3 Location Store in a cool dry warehouse.
Keep away from acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Occupational Exposure Standard (OES) Not listed – ref 1. Treat as a low toxicity dust.
Recommended limit:
Total inhalable dust 10mg m^{-3} (8hr TWA).
Respirable dust 4mg m^{-3} (8hr TWA).

8.2 Ventilation Ventilation may be necessary to achieve a sufficiently low exposure level.

8.3 Eye Protection Safety goggles must be worn.
Do not wear contact lenses

8.4 Respiratory Protection A dust mask must be worn

8.5 Ear Protection Ear protection must be worn when using the blast cleaning equipment

8.6 Protective Clothes Overalls and gloves must be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 Appearance White granular powder

9.2 Odour None

9.3 pH 8.4 on a 1%^w/w solution

9.4 Solubility 9.5%^w/w at 25°C in water

9.5 Melting Point Not applicable

9.6 Boiling Point Not applicable

9.7 Bulk Density 0.98 gm/ml

10. STABILITY AND REACTIVITY:

10.1 Stability Stable

10.2 Reactivity and Incompatibility Incompatible with acids (evolves carbon dioxide)
Avoid heat

10.3 Decomposition Products Carbon dioxide

11. TOXICOLOGICAL INFORMATION:

11.1 General Practically non-harmful
LD 50 oral rat 4220 mg/kg
Dust may cause discomfort to eyes
No long term effects have been reported.

12. ECOLOGICAL INFORMATION:

12.1 Environmental fate and Distribution The product is almost completely soluble in water.

12.2 Persistence and Degradation No data

12.3 Aquatic Toxicity Practically non-toxic to fish
LC 50 (Lepomis Macrochirus) 8600 mg/l (96 hours)

13. DISPOSAL CONSIDERATIONS:

13.1 General Disposal to drian or other destinies must be in compliance with local consents and regulations.
Do not dispose of with acids.

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14. TRANSPORT INFORMATION:

14.1 General	The product does not classify as dangerous for transport (not listed – ref 3)
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15. REGULATORY INFORMATION:

15.1 General	Not applicable
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16. OTHER INFORMATION:

16.1 References	<ol style="list-style-type: none">1. Occupational Exposure Limits EH40 – Health and Safety Executive.2. Dangerous Properties of Industrial Materials – N. Irving Sax3. Approved Supply List. Information approved for the Classification and Labelling of Dangerous Substances and Preparations for Supply – Health and Safety Commission.
16.2 Important Notes	<p>This document must be read and understood before using the product.</p> <p>The information in this document is given in good faith and is to the best of the company's knowledge accurate at the time of issue. It is the user's responsibility to be satisfied as to the suitability of the product for any particular application.</p>

LAST UPDATED : 30/12/13