

PRODUCT NAME: ECOSOAK 5691

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

1.1 Identification of the substance:

Blend of sodium metasilicate, surfactant and sequesterants.

1.2 Company address:

Sonic Solutions
Unit 15 Riverside Way, Ravensthorpe
Dewsbury, W. Yorks WF13 3LG

1.3 Telephone:

01924 495 975

2. INFORMATION ON COMPONENTS

2.1 Hazardous components:

Sodium metasilicate > 80.%

2.2 Safety phrases:

S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes rinse immediately and seek medical advice.
S36/37/39 Wear suitable protective clothing, eye protection.

2.3 Risk phrases:

R34 Causes burns.
R37 Irritating to respiratory system.

3. HAZARDS IDENTIFICATION

3.1 Human hazards:

Corrosive, may cause burns to eyes, skin and mucous membranes.

4. FIRST AID MEASURES

4.1 Eyes: Rinse immediately with copious quantities of cold water for at least 15 minutes. Seek medical advice immediately.

4.2 Skin: Wash with copious quantities of water and seek medical advice if symptoms persist.

4. First Aid Measures (cont.)

4.3 Inhalation: May cause respiratory irritation. In severe cases congestion of the lungs can occur causing shortness of breath followed by unconsciousness.

4.4 Ingestion: Seek immediate medical attention; give affected person water/milk; do not induce vomiting. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR FORCE FEED FLUIDS.

5. FIRE FIGHTING MEASURES:

Extinguishing media: Product is non-flammable but will burn if involved in a fire. Keep cool with water spray.

Use water spray, dry powder, foam or carbon dioxide.

6. ACCIDENTAL RELEASE PROCEDURES

6.1 Personal precautions: Before tackling any spillage, suitable protective clothing should be worn.

6.2 Methods for cleaning up: Small amounts may be flushed to drain with copious quantities of water.

For larger quantities flush with water and neutralise with dilute hydrochloric acid..

7. HANDLING AND STORAGE

7.1 Handling:

Avoid skin and eye contact.
When handling all chemicals, observe good standards of industrial hygiene.
Avoid acid, moisture and combustible materials.

7.2 Storage:

Store in a cool, dry, ventilated storage area in closed containers.
Keep away from direct sunlight.

Sonic Solutions (C&C) Ltd

Unit 15 Riverside Way, Ravensthorpe, Dewsbury, West Yorkshire, WF13 3LG

Tel: 01924 495975

PRODUCT NAME: ECOSOAK 5691**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****General:**

Personal exposure must be minimised and gloves, protective overalls and approved safety goggles or face shield should be worn. Respiratory protection may be required when excessive air contamination exists.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 **Appearance:** White crystalline solid.

9.2 **Odour:** Negligible

9.3 Physical properties:

Boiling point: N/A
Solubility in water: Completely soluble
pH 1% solution: 12.7

10. STABILITY AND REACTIVITY**10.1 Materials to avoid:**

Avoid contact with acids, oxidising agents, aluminium and other sensitive metals which will generate considerable heat and emit hydrogen gas

10.2 Hazardous decomposition products:

No specific hazardous decomposition products noted.

11. TOXICOLOGICAL INFORMATION**11.1 Health Warnings:**

Eye contact: Corrosive
Skin contact: Corrosive

11.2 Medical symptoms:

Main area for concern is contact with eyes and skin which can result in severe burns with the chemical concentrate. The use of suitable protective clothing will eliminate this risk.

12. ECOLOGICAL INFORMATION

Acute fish toxicity: Inorganic material has no B.O.D. Main effect is pH which is toxic to fish above 9.0.

13. DISPOSAL CONSIDERATIONS

Product should be neutralised before disposal. Always consult local authorities before disposal.

14. TRANSPORT INFORMATION

Label for conveyance:

**CORROSIVE**

Road Transport: UN No: Corrosive substance
3253
Group III
Class 8

15. REGULATORY INFORMATION**15.1 Label for supply:****CORROSIVE****15.2 Risk phrases:**

R34 Causes burns
R37 Irritating to respiratory system

15.3 Safety phrases:

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S26 In case of contact with eyes rinse immediately and seek medical advice.
S36/37/39 Wear suitable protective clothing, eye protection.

16. FURTHER INFORMATION

16.1 **Date of issue:** 12 September 2005

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