



Castle Chemicals Limited

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MATERIAL SAFETY DATA SHEET

ANCHOID

1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND OF THE COMPANY UNDERTAKING.

Product Name	Anchoid
Supplier	Castle Chemicals Ltd, Peak House 6 Oxford Road, Altrincham, Cheshire WA14 2DY Tel: +44 161 608 8800 Fax : +44 161 608 1910 E-mail: sales@castlechemicals.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization	Sodium salt of a naphthalene sulphonic acid/formaldehyde condensate
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3. HAZARD IDENTIFICATION

Does not require a hazard labelling warning label, but the normal safety precautions for handling of chemicals must be observed.

4. FIRST AID MEASURES

General Information	Take affected person to fresh air
After contact with skin	In case of contact with skin wash off immediately with plenty of water
After contact with eyes	In case of contact with eyes rinse thoroughly with water

After ingestion	Rise out mouth and give plenty of water to drink. Do not induce vomiting. Obtain medical advice.
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5. FIRE FIGHTING MEASURES

Suitable Extinguishing media	Extinguishing measures to suit surroundings
Extinguishing media that must not be used for safety reasons	no restrictions
Special hazards from the Substance itself, its combustion products or from its vapours	In the event of fire the following can be released: Sulphur oxides Carbon oxides
Further information	Fire residues and contaminated fire fighting water must be disposed of in accordance with the local regulations. Use self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions	Do not discharge into the subsoil/soil. Do not discharge into surface waters/groundwater.
Method for cleaning up/taking up	Pick up mechanically. Rinse away rest with water.
Additional information	information regarding personal protective measures see, chapter 8.

7. HANDLING AND STORAGE

Advice on safe handling	Observe the usual precautions for handling chemicals Avoid dust formation
Further information on storage conditions	Storage : cool and dry

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with occupational exposure limits to be monitored

Respirable dust

EH 40/99:Occupational Exposure Limits 1999(OES), table1:List of Approved Maximum Exposure limits.

Revision: 1999

Long term exposure limit(8 Hour TWA reference period):

Values: 4mg/m³

Hygiene measures	wash hands before breaks and after work.
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Respiratory protection	in case of dust formation, use a fine dust face mask
Hand protection	Protective gloves
Eye protection	safety glasses
Body protection	Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Powder
Colour	light brown
Odour	weak
Bulk density	approx. 534 kg/m ³
Solubility in water	approx. 400 g/l (20°C)
pH value	approx. 7.5 (20g/l)

10. STABILITY AND REACTIVITY

Thermal decomposition:	No decomposition if used as prescribed
Hazardous decomposition products	When used and handled as intended, none.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:	LD50>2,000 mg/kg(rat)
Irritant effect on skin	non-irritant
Irritant effect on eyes	non-irritant

Remarks

By analogy with a product of similar composition frequent and prolonged contact can lead to skin irritation. Inhalation of dust causes slight irritation of the respiratory tract.

12. ECOLOGICAL INFORMATION

Biodegradability	<10%
Fish toxicity	LC50 > 100 mg/l
Bacteria toxicity	EC50 > 100 mg/l

Remarks

Do not allow to enter soil, waterways or waste water
By analogy with a product of similar composition

13. DISPOSAL CONSIDERATIONS

Product

In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and / or with the responsible authority.

Uncleaned packaging

Regulations concerning reuse or disposal of used packaging materials must be observed.

14. TRANSPORT INFORMATION

ADR	not restricted
ADNR	not restricted
RID	not restricted
IATA	not restricted
IMDG	not restricted

15. REGULATORY INFORMATION

Labelling in accordance with EC-Directives The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

16. OTHER INFORMATION

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

MSDS DOCUMENT NO: LATEX ADD 01

ISSUE 2

ISSUE DATE: 25.6.2003

