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MATERIAL SAFETY DATA SHEET

ANCHOID LSS

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

Product Name	Anchoid LSS
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	Sulfonated naphthalene/formaldehyde condensate. Sodium salt
CAS No	9084-06-4

3. HAZARD IDENTIFICATION

According to the present state of knowledge, provided that this product is handled correctly, there is no known danger to humans.

4. FIRST AID MEASURES

General information	Remove soiled or soaked clothing immediately
After inhalation	Immediately remove to fresh air. Consult a physician if irritating symptoms develop and persist.
After contact with skin	In case of contact with skin wash off immediately with plenty of water. Consult a doctor if skin irritation persists.
After contact with eyes	Rinse eyes thoroughly with running water (approximately 15 minutes) and consult a physician if any symptoms persist.

After ingestion

Only as long as the patient is fully conscious: wash mouth and have the victim drink copious amounts of water (often vomiting will be induced). Consult a physician if feeling sick and show the label.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Water spray jet, foam, dry chemical extinguisher, and carbon dioxide.

Special hazards from the substance itself, its combustion products or from its vapours

In the event of fire the following can be released: carbon oxides, sulphur oxides

Special protective equipment for fire fighting

Use self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear personal protective equipment. Unprotected persons must be kept away.

Environmental precautions

Do not allow entry to drains, water courses or soil

Methods for cleaning up/taking up

Take up mechanically, avoid raising dust, dispose of absorbed material in accordance with the regulations, rinse away rest with plenty of water, dispose cleaning water in a safe way

7. HANDLING AND STORAGE

Advice on safe handling

Avoid formation of dust, preferable handle in closed system, ventilation, and local exhaust required

Advice on protection against fire and explosion

Avoid formation of dust, the product is capable the product is capable of a dust explosion.

Further Information on storage Conditions

Keep container tightly closed, cool and dry

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hygiene measures

Avoid contact with skin and eyes

Respiratory protection

In case of dust formation, use a fine dust mask

Hand protection	Chemical-resistant gloves
Eye protection	Tightly fitting safety goggles
Body protection	Working clothes

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	powder
Colour	yellow-brown
Odour	weak
Boiling point	not applicable
Flash point	not applicable
Bulk density	534 kg/m ³
Solubility in water	400 g/l
pH value	6.5-8.5 (20 g/l)

10. STABILITY AND REACTIVITY

Thermal decomposition	250° C Method: SANDOZ long duration test open cup Heating rate: 0k/min, dependent on the presence of air
Hazardous reactions	Risk of dust explosions. When used and handled as intended, none.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50 3,800 mg/kg (rat)
Irritant effect on skin	slight irritant effect-does not require labelling
Irritant effect of eyes	slight irritant effect-does not require labelling

12. ECOLOGICAL INFORMATION

Biodegradability	<10%
Remarks	Ecological data are not available

13. DISPOSAL CONSIDERATIONS

Product	May be incinerated if local official regulations are observed.
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Uncleaned packaging

For disposal local regulation is binding.

Composition

C, H, O, S, Na

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 the
EC-Directives

The product does not require a hazard warning label in
accordance with EC Directives

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.

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