

MATERIAL SAFETY DATA SHEET

PRODUCT: MORTAR PLASTICISER EXTRA STRENGTH

DATE: 30/03/03

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(1) **Identification of substance/preparation and of the Company**

Product Name	:	MORTAR PLASTICISER EXTRA STRENGTH
Company	:	Larsen Manufacturing Ltd., 4 West Bank Road, Belfast Harbour Industrial Estate, Belfast, BT3 9JL
Telephone No.	:	028 90774000

(2) **Composition/Information on ingredients**

<u>CONTAINS:</u>	<u>CAS No.</u>	<u>% W/W</u>
Sodium Hydroxide	1310-73-2	less than 0.2%
Modified Ethoxysulphate Soap		less than 10%

(3) **Hazards Identification**

IRRITANT. Risk of serious damage to eye. Irritating to skin.
The product is alkali and may cause chemical burns to skin and eyes.

(4) **First Aid Measures**

Inhalation:	Remove patient to fresh air. Keep warm and at rest.
Eye Contact:	Wash eyes with copious amounts of water immediately for 20 minutes and seek medical attention.
Skin Contact:	Remove contaminated clothing. Wash skin with clean water. If symptoms occur seek medical attention.
Ingestion:	Do not induce vomiting; give patient plenty of water or milk to drink and seek medical attention.

(5) **Fire Fighting Measures**

Fire Extinguishing Media:	Water based product - will not burn. Use foam, dry powder, carbon dioxide, water.
Special Fire Fighting Procedures:	N/A.
Protective Equipment:	Avoid contact with skin or eyes; wear protective clothing as necessary.

(6)	<u>Accidental Release Measures</u>	
Personal Precautions:	Avoid contact with skin or eyes; wear protective clothing as necessary.	
Environmental Precautions:	Prevent liquid from entering drains.	
Methods for cleaning up:	Absorb spilt liquid using sawdust, sand or earth. Wash contaminated area with plenty of water.	
(7)	<u>Handling & Storage</u>	
Safe Handling Advice:	KEEP IN A SAFE PLACE. Avoid contact with skin and eyes.	
Storage:	KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS. KEEP OUT OF REACH OF CHILDREN.	
(8)	<u>Exposure Controls/Personal Protection</u>	
Exposure Limits:	None known.	
Sodium Hydroxide:	STEL and LTEL	2mg/M3
Personal Protection:	-	
Respiratory Protection:	Avoid inhalation of aerosols and wear suitable respiratory protection in this event.	
Eye Protection:	Wear goggles due to risk of splashing.	
Hand Protection:	Wear protective gloves (PVC/Rubber) as required. Barrier cream is also recommended.	
Skin Protection:	WEAR SUITABLE PROTECTIVE CLOTHING TO AVOID CONTACT WITH SKIN.	
(9)	<u>Physical & Chemical Properties</u>	
Physical State:	Liquid	
Colour:	Brown	
Odour:	Mild Soapy Odour	
pH:	Approx. 12.5	
Boiling Point/Boiling Range:	100 ⁰ C	
Melting Point/Melting Range:	N/A	
Flash Point:	N/A	
Flammability:	Does not burn	
Autoflammability	N/A	
Explosive Properties:	N/A	
Oxidising Properties:	N/A	
Vapour Pressure:	Not known	
Relative Density:	Approx. 1.01	
Solubility: (Water)	Fully soluble	
Solubility: (Fat)	Insoluble	
Partition coefficient: n-octanol/water	Not known	

(10) **Stability & Reactivity**

Conditions to Avoid:	See below.
Materials to Avoid:	Fresh aluminium and Zinc surfaces.
Hazardous Decomposition Products:	Hydrogen evolved from above reaction.

(11) **Toxicological Information**

Inhalation of mist may cause irritation to the respiratory tract. Skin contact may result in irritation.

The product is a severe eye irritant; splashes into the eye may cause chemical burns and corneal damage. Ingestion may result in a burning sensitisation in mouth or throat, inability to swallow, irritation of gastro intestinal tract with nausea and vomiting.

(12) **Ecological Information**

The product is strongly alkali; will cause an increase in pH and therefore may be toxic to aquatic life.

(13) **Disposal Considerations**

Waste should be disposed of according to local Authority Regulations; use authorised waste site.

(14) **Transport Information**

Not regarded as hazardous in transport.

(15) **Regularity Information**

R41	-	Risk of serious damage to eyes
R36/38	-	Irritating to eyes and skin
S2	-	Keep out of reach of children
S26	-	In case of contact with eyes,
		rinse immediately with plenty of water and seek medical advice
S37/39	-	Wear suitable gloves and eye/face protection

(16) **Other Information**

The (COSHH) Control of Substances Hazardous to Health Regulations 1988 may apply to the use of this product at work.

The information contained on these sheets is, to the best of our knowledge, true and accurate, but any recommendations or suggestions are made without guarantee.