

SAFETY DATA SHEET LEAD CONCENTRATE FP

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME LEAD CONCENTRATE FP
 PRODUCT NO. 110108
 SUPPLIER SCHLOETTER COMPANY LTD
 NEW ROAD
 PERSHORE
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
LEAD(II) METHANESULPHONATE	401-750-5	17570-76-2	25-50%	Repr1;R61 Repr3;R62 Xn;R20/22,R48/20/22 Xi;R38,R41 R33 N;R58
METHANESULPHONIC ACID	200-898-6	75-75-2	1-5%	C;R34

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed. May cause harm to the unborn child. Possible risk of impaired fertility. Danger of cumulative effects. Irritating to skin. Risk of serious damage to eyes. Harmful by inhalation and if swallowed.

CLASSIFICATION Rep 1;R61. Xn;R20/22, R48/20/22. Rep 3;R62. Xi;R38, R41. R33.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove affected person from source of contamination. In case of accident or if you feel unwell, seek medical advice, show the label and safety data sheet where possible. When in doubt or symptoms persist, seek medical advice

INHALATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention immediately!

SKIN CONTACT

Rinse the skin immediately with lots of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control.

SPECIFIC HAZARDS

May give off noxious or toxic gases in a fire.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus. Full protective clothing

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Refer to section 8

LEAD CONCENTRATE FP**SPILL CLEAN UP METHODS**

Clean-up personnel should use respiratory and/or liquid contact protection. Provide ventilation and confine spill. Do not allow runoff to sewer. Neutralise with sodium bicarbonate. Absorb in inert material and dispose of according to local authority requirements Flush with plenty of water to clean spillage area.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Mechanical ventilation or local exhaust ventilation is required. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**INGREDIENT COMMENTS**

Lead (TWA - Time Weighted Average) = 0.15 mg/m3 (as Pb)

PROTECTIVE EQUIPMENT**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear eye/face protection to prevent any possibility of eye contact.

OTHER PROTECTION

Provide eyewash station and safety shower. Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes wet or contaminated. Contaminated clothing must be laundered before reuse. Do not eat, drink, or smoke when using this product.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid Solution		
COLOUR	Colourless		
ODOUR	Odourless		
SOLUBILITY	Soluble in water		
RELATIVE DENSITY	~ 1.4 @ 20 °c	pH-VALUE, CONC. SOLUTION	< 1
FLASH POINT (°C)	n/a		

10 STABILITY AND REACTIVITY**STABILITY**

No particular stability concerns.

11 TOXICOLOGICAL INFORMATION**GENERAL INFORMATION**

Toxic to reproductive health category 1. Toxic to reproductive health category 3. Possible risks of harm to the unborn child. May impair fertility. Danger of cumulative effects. Lead is accumulated in the body and may cause damage to the brain and nervous system after prolonged exposure.

INHALATION

Harmful by inhalation. Harmful: danger of serious damage to health by prolonged exposure through inhalation.

INGESTION

Harmful if swallowed. Harmful: danger of serious damage to health by prolonged exposure if swallowed. The ingestion of significant quantities may cause gastro-intestinal disturbances.

SKIN CONTACT

Irritating to skin.

LEAD CONCENTRATE FP

EYE CONTACT

Risk of serious damage to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

May cause long-term adverse effects in the environment. Marine pollutant

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

UK ROAD CLASS	6.1		
PROPER SHIPPING NAME	TOXIC LIQUID, ORGANIC, N.O.S. (LEAD II METHANESULPHONATE)		
UN NO. ROAD	3287	UK ROAD PACK GR.	III
ADR CLASS NO.	6.1	ADR CLASS	Class 6.1: Toxic substances.
ADR PACK GROUP	III	HAZARD NO. (ADR)	60 Toxic or slightly toxic substance.
HAZARD No. (ADR)	60	ADR LABEL NO.	6.1
HAZCHEM CODE	2X	CEFIC TEC(R) NO.	61GT4-III
UN NO. SEA	3287	IMDG CLASS	6.1
IMDG PACK GR.	III	EMS	F-A, S-A
MARINE POLLUTANT		UN NO. AIR	3287



ICAO CLASS	6.1	AIR PACK GR.	III
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15 REGULATORY INFORMATION

LABELLING



Toxic

CONTAINS

LEAD(II) METHANESULPHONATE

RISK PHRASES

R33	Danger of cumulative effects.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R20/22	Harmful by inhalation and if swallowed.
R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and swallowed.
R61	May cause harm to the unborn child.
R62	Possible risk of impaired fertility.

SAFETY PHRASES

S24/25	Avoid contact with skin and eyes.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
P11	Restricted to professional users.

LEAD CONCENTRATE FP

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S53	Avoid exposure - obtain special instructions before use.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health. Control of Lead at Work Regulations.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

GENERAL INFORMATION

The data here is based on current knowledge and experience. This safety data describes the product in terms of safety requirements and does not signify any warranty with regard to the product properties. This safety data does not constitute a workplace risk assessment

REVISION DATE 19-10-05

REV. NO./REPL. SDS GENERATED Revision 4 / replaces version 3 dated 07-06-04

SDS NO. 110108

DATE 19-10-05

RISK PHRASES IN FULL

R20/22	Harmful by inhalation and if swallowed.
R33	Danger of cumulative effects.
R34	Causes burns.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R58	May cause long-term adverse effects in the environment.
R61	May cause harm to the unborn child.
R62	Possible risk of impaired fertility.