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

Name of product Lithofin KLF

Manufacturer/distributor CDK Stone Pty Ltd
4-6 Freighter Road, Moorabbin, Victoria 3189
Phone 03 9553 3055

Advice Technical Department
Phone 03 9553 3055

Recommended intended purpose(s)
Care Product

2. HAZARDS IDENTIFICATION

Classification

Xn; R22

R-phrases

22 Harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Produkt with fluorides

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification
16949-65-8	241-022-2	magnesium hexafluorosilicate	< 10	T R25

4. FIRST AID MEASURES

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off immediately with soap and water.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

If swallowed by mistake drink plenty of water and seek medical treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Hydrogen fluoride (HF)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder).

7. HANDLING AND STORAGE

Advice on safe handling

Use only in well-ventilated areas.

Take the usual precautions when handling with chemicals.

Advice on protection against fire and explosion

No special measures necessary.

Requirements for storage rooms and vessels

Do not use glass containers.

Further information on storage conditions

Protect from frost.

Keep container dry, tightly closed and store at cool and aired place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection

Short term: filter apparatus, filter E

Hand protection

Gloves (acid-resistant)

Eye protection

safety goggles

Skin protection

Acid-resistant protective clothing

General protective measures

Avoid contact with eyes and skin

Hygiene measures

At work do not eat, drink and smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form liquid	Colour whitish	Odour almost odourless
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Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	ca. 1 - 4				
starts to boil	> 90 °C				
Flash point	not applicable				
Density	ca. 1 g/cm ³				
Solubility in water					multimiscible

10. STABILITY AND REACTIVITY

Conditions to avoid

Reactions with metals, with evolution of hydrogen.

Hazardous decomposition products

Hydrogen fluoride

11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD 50 acute oral	not determined			
LD 50 acute dermal	not determined			
LC 50 acute inhalation	not determined			

12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	not determined			
Biological degradability	not determined			

13. DISPOSAL CONSIDERATIONS

Waste code No.	Name of waste
16 03 03*	inorganic wastes containing dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

UN 3287 Toxic liquid, inorganic, n.o.s. (Magnesium fluorosilicate), 6.1, III

Marine transport IMDG

UN 3287 Toxic liquid, inorganic, n.o.s. (Magnesium fluorosilicate), 6.1, III

Air transport ICAO/IATA-DGR

UN 3287 Toxic liquid, inorganic, n.o.s., (Magnesium fluorosilicate), 6.1, III

! 15. REGULATORY INFORMATION

Remarks for classification

The product is classified and labelled in accordance with EC directives.

Classification

Xn Harmful

R-phrases

22 Harmful if swallowed.

S-phrases

2 Keep out of the reach of children.

46 If swallowed, seek medical advice immediately and show this container or label.

Hazardous ingredients for labeling

magnesium hexafluorosilicate

National regulations

Water hazard class 2 VwVwS (17. 05. 1999)

Other regulations, restrictions and prohibition regulations

ZH 1/161 "Data Sheet: Hydrogen fluoride, hydrofluoric acid and inorganic fluorides (M 005)"

16. OTHER INFORMATION

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R-phrases specified in chapter 2 (not the classification of the formulation!)

R 25 Toxic if swallowed.