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

Name of product	Lithofin MPP
Manufacturer/distributor	CASDRON Enterprises Ltd. Wood End, Prospect Road, Alresford Hampshire SO24 9QF Phone 0 19 62 73 21 26, Fax 0 19 62 73 53 73
Advice	Technical Department Phone 0 19 62 73 21 26

2. HAZARDS IDENTIFICATION

Classification

Xn; R21/22

R-phrases

21/22 Harmful in contact with skin and if swallowed.

! 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Oxalate based polishing powder

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification
144-62-7	205-634-3	oxalic acid	> 5	Xn R21/22

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

Foam
Dry powder
Carbon dioxide
sand

Extinguishing media which must not be used for safety reasons

Full water jet

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

In case of fire formation of dangerous gases possible.

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 mechanically.

7. HANDLING AND STORAGE

Advice on safe handling

Avoid the formation of dust.
Use only in thoroughly ventilated areas.
Take the usual precautions when handling with chemicals.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Further information on storage conditions

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC or 2006/15/EC)

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
144-62-7	oxalic acid	8 hours	1		

Respiratory protection

Breathing apparatus in the event of high concentrations.
Short term: filter apparatus, Filter P2

Hand protection

chemical-resistant gloves

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
powder

Colour
whitish

Odour
pungent

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	not applicable				
decomposition point	ab 102 °C				
Flash point	not applicable				
Bulk density	ca. 1 g/cm ³				
Solubility in water					partially soluble

10. STABILITY AND REACTIVITY

Conditions to avoid

No hazardous reactions known.

Materials to avoid

Reactions with oxidising agents.

Risk of dust explosions

Reactions with alkalies.

Hazardous decomposition products

Carbon monoxide

Carbon dioxide

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
06 01 06*	other acids

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

Recommendations for the product

In accordance with regulations for special waste, must be taken to a special waste disposal.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

UN - no dangerous good

Marine transport IMDG

UN - no dangerous good

Air transport ICAO/IATA-DGR

UN - no dangerous good

! 15. REGULATORY INFORMATION

Remarks for classification

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

Classification

Xn Harmful

R-phrases

21/22 Harmful in contact with skin and if swallowed.

S-phrases

2 Keep out of the reach of children.
24/25 Avoid contact with skin and eyes.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
46 If swallowed, seek medical advice immediately and show this container or label.

Hazardous ingredients for labeling

oxalic acid

National regulations

Water hazard class 1 VwVwS (17. 05. 1999)

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 21/22 Harmful in contact with skin and if swallowed.