

Trade name : Lithofin MPP

Revision date : 03.03.2021

Version (Revision) : 5.0.0 (4.1.0)

Print date : 13.04.2021

SECTION 1: Identification of the substance/mixture and of the company/ undertaking**1.1 Product identifier**

Lithofin MPP

1.2 Relevant identified uses of the substance or mixture and uses advised against**Relevant identified uses**

Mixture PC 31 - Polishes and wax blends acidic

1.3 Supplier**Distributor :**

CDK Stone Pty Ltd

Street :

4-6 Freighter Rd

Postal code/city :

AUS-Moorabbin, Victoria 3189

Telephone :

+61 3 8552-6000

Telefax :

+61 3 8552-6001

Contact :

Technical Department

E-mail: enquiries@cdkstone.com.au

Emergency telephone number:

+61 (0)3 8552-6000

(Only available during office hours)

Supplier :

Lithofin AG

Street :

Heinrich-Otto-Str. 36

Postal code/city :

73240 Wendlingen

Telephone :

+49 (0)7024 9403-0

Telefax :

+49 (0)7024 9403-40

Contact :

Technical Department

E-mail: info@lithofin.de

Emergency telephone number:

+49 (0)7024 9403-0

(Only available during office hours)

1.4 Emergency telephone number

see section 1.3

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 [CLP]**

Acute Tox. 4 ; H302 - Acute toxicity (oral) : Category 4 ; Harmful if swallowed.

Acute Tox. 4 ; H312 - Acute toxicity (dermal) : Category 4 ; Harmful in contact with skin.

Additional information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]****Hazard pictograms**

Exclamation mark (GHS07)

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Signal word

Warning

Hazard components for labelling

OXALIC ACID ; CAS No. : 144-62-7

Hazard statements

H302+H312 Harmful if swallowed or in contact with skin.

Precautionary statements

P102 Keep out of reach of children.
P264 Wash ... thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves and eye/face protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor/.../ if you feel unwell.
P501 Dispose of contents/container in accordance with local and national regulations.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

OXALIC ACID ; REACH No. : 01-2119534576-33-xxxx ; EC No. : 205-634-3; CAS No. : 144-62-7

Weight fraction : $\geq 55 - < 60$ %

Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Acute Tox. 4 ; H312

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH

None (below the concentration limit)

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH

None (below the concentration limit)

Additional information

Full text of H- and EUH-statements: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

No special measures are necessary.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

None

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

None

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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None

6.2 Environmental precautions

None

6.3 Methods and material for containment and cleaning up

None

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

Fire class : A

Shake well before use No

7.2 Conditions for safe storage, including any incompatibilities

Hints on joint storage

Storage class (TRGS 510) : 13

Recommended storage temperature 5 - 25 °C

Protect from frost No

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

OXALIC ACID ; CAS No. : 144-62-7

Limit value type (country of origin) : TRGS 900 (D)

Parameter : E: inhalable fraction

Limit value : 1 mg/m³

Peak limitation : 1(I)

Remark : H

Version : 27.10.2020

Limit value type (country of origin) : TWA (EC)

Limit value : 1 mg/m³

Version : 20.06.2019

DNEL-/PNEC-values

DNEL/DMEL

OXALIC ACID ; CAS No. : 144-62-7

Limit value type : DNEL Consumer (systemic)

Exposure route : Dermal

Exposure frequency : Long-term

Limit value : 1,14 mg/kg/d

Limit value type : DNEL worker (systemic)

Exposure route : Dermal

Exposure frequency : Long-term

Limit value : 2,29 mg/kg/d

Limit value type : DNEL worker (systemic)

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 4,03 mg/m³

PNEC

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OXALIC ACID ; CAS No. : 144-62-7

Limit value type :	PNEC (Aquatic, freshwater)
Limit value :	0,1622 mg/l
Limit value type :	PNEC (Aquatic, intermittent release)
Limit value :	1,622 mg/l
Limit value type :	PNEC (Aquatic, marine water)
Limit value :	0,01622 mg/l
Limit value type :	PNEC (Sewage treatment plant)
Limit value :	1550 mg/l

8.2 Exposure controls

Personal protection equipment

Skin protection

Hand protection

Suitable material : NBR (Nitrile rubber), 0,4mm, >8h; Butyl caoutchouc, 0,5mm, >8h; FKM (fluoro rubber), 0,7mm, >8h;

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Powder

Colour : white

Odour : stinging

Safety characteristics

Melting point/freezing point :	(1013 hPa)		not applicable	
Initial boiling point and boiling range :	(1013 hPa)		not applicable	
Decomposition temperature :	(1013 hPa)	>	110 °C	
Flash point :			not applicable	closed cup (EN ISO 3679)
Auto-ignition temperature :			not determined	
Sustaining combustion			No	UN Test L2:Sustained combustibility test
Lower explosion limit :			not determined	
Upper explosion limit :			not determined	
Vapour pressure :	(50 °C)	<	3000 hPa	
Density :	(20 °C)		0,75 g/cm ³	Pyknometer (DIN EN ISO 2811-1)
Solvent separation test :	(20 °C)	<	3 %	Test L1: Solvent separation test (UN)
Water solubility	(20 °C)		partially miscible	
pH :			not applicable	DIN 19268
log P O/W :			not determined	(Mixture)
Flow time :	(23 °C)		not applicable	ISO cup 4 mm (DIN EN ISO 2431)
Odour threshold :			not determined	
Vapourisation rate :			not determined	
VOC content-EC			0 Wt %	*
VOC-France			not applicable	Décret no 2011-321 du 23 mars 2011

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

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10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Harmful in contact with skin and if swallowed.

Acute oral toxicity

Parameter : LD50 (OXALIC ACID ; CAS No. : 144-62-7)
Exposure route : Oral
Species : Rat
Effective dose : 375 mg/kg

Acute dermal toxicity

Parameter : LD50 (OXALIC ACID ; CAS No. : 144-62-7)
Exposure route : Dermal
Species : Rabbit
Effective dose : 20000 mg/kg

Corrosion

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2 Information on other hazards

No information available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Based on available data, the classification criteria are not met.

Acute (short-term) toxicity to aquatic algae and cyanobacteria

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Parameter :	EC50 (OXALIC ACID ; CAS No. : 144-62-7)
Species :	Daphnia
Effective dose :	162,2 mg/l
Exposure time :	48 h
Method :	OECD 202

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Directive 2008/98/EC (Waste Framework Directive)

Before intended use

Waste codes/waste designations according to EWC/AVV

Waste code (EWC/AVV) : 06 01 06* (other acids)

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Use restriction according to REACH annex XVII, no. : 3

National regulations

Water hazard class (WGK)

Classification according to AwSV - Class : 1 (Slightly hazardous to water)

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Other regulations, restrictions and prohibition regulations

Switzerland

VOCV-Regulation

Maximum VOC content (Switzerland) : < 3 Wt % according to VOCV

Austria

Regulation on Flammable Liquids - VbF

VbF-Class : NU

15.2 Chemical safety assessment

No information available.

15.3 Additional information

SECTION 16: Other information

16.1 Indication of changes

02. Label elements · 03. Hazardous ingredients · 07. Hints on joint storage - Storage class · 15. Water hazard class (WGK)

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H302 Harmful if swallowed.
H312 Harmful in contact with skin.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.