

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : one step polish paste 0.5kg
Product code : POL 05

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Chemicar Europe NV
Baarbeek 2
2070 Zwijndrecht
T +32 (0) 3 234 87 80 - F +32 (0) 3 234 87 89
info@chemicar.eu

1.4. Emergency telephone number

Emergency number : +32 (0) 3 760 08 09

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard components for labelling:

This product has been treated with biocides for preservation.

Precautionary statements (CLP) : P102 - Keep out of reach of children.
EUH-statements : EUH210 - Safety data sheet available on request.
EUH208 - Contains a mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG Nr. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG Nr. 220-39-6) (3:1). May produce an allergic reaction.

Scandinavian countries regulation

Denmark
MAL code : 3-1

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
aliphatic hydrocarbons, C11-C13, isoalkanes, <2% aromatics	(EC-No.) 920-901-0	15 – 20	Asp. Tox. 1, H304

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Eye fountain.
First-aid measures after ingestion	: Rinse mouth out with water. Do not induce vomiting. Drink plenty of water. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide (CO ₂). Foam. Dry powder. Carbon dioxide. Water spray or fog. Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Precautionary measures fire	: Wear gas tight chemically protective clothing in combination with self contained breathing apparatus.
Firefighting instructions	: Prevent fire fighting water from entering the environment. Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not breathe fumes from fires or vapours from decomposition.
Other information	: Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable protective clothing.
Emergency procedures	: Ventilate spillage area. Do not breathe gas. Do not get in eyes, on skin, or on clothing.

6.1.2. For emergency responders

No additional information available

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Methods for cleaning up : This material and its container must be disposed of in a safe way.

6.4. Reference to other sections

SECTION 7. SECTION 8. SECTION 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Hygiene measures : Remove contaminated clothes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not drink, eat or smoke in the workplace. Avoid contact with eyes. Do not breathe gas, vapours.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.
Incompatible products : Oxidizing agent. Strong bases. Strong acids.
Storage temperature : 15 – 25 °C
Special rules on packaging : Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)						
CAS No	Substance	ppm	mg/m ³	Fibres/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4		TWA (8h)	WEL
56-81-5	Glycerol, mist	-	10		TWA(8h)	WEL
DNEL/DMEL values						
DNEL type		Exposure route	Effect		Value	
1344-28-1	Aluminium oxide					
Worker DNEL, long-term		inhalation	local		15,63/ m ³	
Consumer DNEL, long-term		oral	systemic		3,29 mg/kg bw/day	
1344-28-1	Aluminum oxide					
Consumer DNEL, long-term		oral	systemic		3,29 mg/kg Bw/day	
Worker DNEL, long-term		inhalation	local		15,63 mg/ m ³	
56-81-5	Glycerol					
Consumer DNEL, long-term		oral	systemic		229 mg/kg bw/day	
Worker DNEL, long-term		inhalation	local		56 mg/ m ³	
Consumer DNEL, long-term		inhalation	local		33 mg/ m ³	
PNEC values						
CAS No	Substance					
	Environmental compartment		Value			
1344-28-1	Aluminium oxide					
	Freshwater		0,0749 mg/l			
	Micro-organisms in sewage treatment plants (STP)		20 mg/l			

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1344-28-1	Aluminium oxide
Freshwater	0,0749 mg/l
Micro-organisms in sewage treatment plants (STP)	20 mg/l
56-81-5	Glycerol
Freshwater	0,885 mg/l
Marine water	0,00885 mg/l
Freshwater sediment	3,3 mg/kg
Marine sediment	0,33 mg/kg
Soil	0,141 mg/kg

Materials for protective clothing:

Wear suitable protective clothing

Hand protection:

protective gloves. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
					EN 420, EN 388

Eye protection:

Face shield. Chemical goggles or safety glasses

Type	Use	Characteristics	Standard
Face shield, Safety glasses			EN 166

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Other information:

Wash hands before breaks and after work. Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Paste.
Colour	: Green.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 7.8

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Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 100 °C
Flash point	: >61 °C
Auto-ignition temperature	: > 200 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 0.4 hPa
Relative vapour density at 20 °C	: 1,08 g/cm ³
Relative density	: No data available
Density	: 1.15 g/cm ³
Solubility	: Soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 25000 – 30000 mPa·s
Explosive properties	: No data available
Oxidising properties	: No data available
Lower explosive limit (LEL)	: 0.6 vol %
Upper explosive limit (UEL)	: 7 vol %

9.2. Other information

VOC content : 15.041 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Store away from heat. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Strong acids. Oxidising substances. Strong bases.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	aliphatic hydrocarbons, C11-C13, isoalkanes, <2% aromatics				
	Oral	LD50 >5000 Mg/kg	RAT	ECHA	OECD 401
	Dermal	LD50 >5000	Rat	ECHA	OECD 402
	Inhalation (4h) vapour	LC50 >2500 Mg/l	Rat	ECHA	OECD 403

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SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	(h) (d)	Species	Source	Method
	aliphatic hydrocarbons, C11-C13, isoalkanes, <2% aromatics					
	Acute fish toxicity	LC 50 >1000 Mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA	
	Acute algae toxicity	ErC50 >1000 Mg/l	72 h	Pseudokirchneriella subcapitata	ECHA	
	Acute crustacea toxicity	EC 50 >1000 Mg/l	48 h	Daphnia magna (Big water flea)	ECHA	
	Algae toxicity	NOEC 1000 Mg/l	3 d	Pseudokirchneriella subcapitata		

12.2. Persistence and degradability

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
	aliphatic hydrocarbons, C11-C13, isoalkanes, <2% aromatics				
	OECD 301 F	31,3%	28	ECHA	
	Evidence for inherent biodegradability				

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations. Do not discharge into drains. Use appropriate container to avoid environmental contamination.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

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ADR	IMDG	IATA	ADN
14.1. UN number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 15.041 %

15.1.2. National regulations

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Ontwikkeling

Denmark

Class for fire hazard : Class III-1

Store unit : 50 liter

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Asp. Tox. 1	Aspiration hazard, Category 1
H304	May be fatal if swallowed and enters airways.
	Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG Nr. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG Nr. 220-39-6) (3:1)
EUH208	Contains . May produce an allergic reaction.
EUH210	Safety data sheet available on request.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.