

Trade name: Lack Polish grün P1.01**Product no.:** 443999**Current version :** 1.0.0, issued: 26.10.2021**Replaced version:** -, issued: -**Region:** USA**SECTION 1: Identification****1.1 Product identifier**

Trade name

Lack Polish grün P1.01**1.2 Recommended use of the chemical and restrictions on use****Recommended use of the chemical and restrictions on use**

Polishing liquid

Restrictions on use

No data available.

1.3 Details of the supplier of the safety data sheet**Address**

Koch-Chemie GmbH

Einsteinstr. 42

D-59423 Unna

Telephone no. +49-2303-9 86 70-0

Fax no. +49-2303-9 86 70-26

1.4 Emergency phone number

(+1) 202 464 2554

SECTION 2: Hazard(s) identification**2.1 Classification of the chemical****Classification of the chemical in accordance with paragraph (d) of 29 CFR § 1910.1200 "Hazard Communication"**

Flammable Liquids - Category 4

2.2 Label elements**Signal word**

Warning

Hazard Statement(s)

Physical hazards

Combustible liquid

Precautionary Statement(s)

Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Wear protective gloves/protective clothing/eye protection/face protection.

Response

In case of fire: Use carbon dioxide (CO₂), alcohol resistant foam, extinguishing powder, water mist to extinguish.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Labelling information

No data available

2.4 Hazards not otherwise classified (HNOC)

No data available

SECTION 3: Composition / information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

No	Substance name	Concentration	%
1	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	>= 10.00 - < 25.00	%-b.w.
	246538-78-3		

SECTION 4: First-aid measures**4.1 Description of necessary first-aid measures****General information**

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects,

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consult a physician.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off with water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

After ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed**Effects**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Fire-fighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Water spray jet; Foam; Carbon dioxide; Dry chemical extinguisher

Unsuitable extinguishing media

Full water jet

5.2 Specific hazards arising from the chemical

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3 Special protective equipment and precautions for fire-fighters

Use self-contained breathing apparatus. Wear full protective suit.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8.

For emergency responders

Personal protective equipment (PPE) - see Section 8.

6.2 Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in suitable container for disposal.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Precautions for safe handling**

Risks inherent to handling the product must be minimised by applying appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Protect from frost.

Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided: see chapter 10.

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SECTION 8: Exposure controls / personal protection**8.1 Control parameters****Occupational exposure limit(s)**

No	Substance name	CAS no.
1	aluminium oxide	1344-28-1
ACGIH Threshold Limit Values		
Aluminum metal and insoluble compounds		
	TWA	1 (R) mg/m ³
	Remarks	A4
OSHA Permissible Exposure Limits (PELS)		
alpha-Alumina Total dust		
	TWA	15 mg/m ³
OSHA Permissible Exposure Limits (PELS)		
alpha-Alumina Respirable fraction		
	TWA	5 mg/m ³

8.2 Exposure controls**Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the PEL (=Permissible Exposure Limit), suitable respiratory protection must be worn.

Individual protection measures, such as personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses with side protection shield

Hand protection

Sufficient protection is given wearing suitable protective gloves in the event of risk of skin contact with the product. Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other protection measures

Chemical-resistant work clothes.

SECTION 9: Physical and chemical properties

Form/Color	
liquid	
green	
Odor	
characteristic	
Odor threshold	
No data available	
pH value	
No data available	
Boiling point / boiling range	
No data available	
Melting point / melting range	
No data available	
Decomposition point / decomposition range	
No data available	
Flash point	
Value	67 °C
Auto-ignition temperature	
No data available	
Oxidising properties	

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not oxidizing
Explosive properties
The product is not explosive. Formation of explosive/highly flammable air-vapour mixtures is possible during/after use.
Flammability
No data available
Lower flammability or explosive limits
No data available
Upper flammability or explosive limits
No data available
Vapor pressure
No data available
Vapor density
No data available
Evaporation rate
No data available
Relative density
No data available
Density
No data available
Solubility in water
No data available
Solubility(ies)
No data available
Partition coefficient: n-octanol/water
No data available
Viscosity
Value > 25 mm ² /s
Reference temperature 40 °C
Type kinematic

Other information

Other information
No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions(See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

Heat, open flames and other sources of ignition.

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**Information on toxicological effects**

Acute oral toxicity
No data available
Acute dermal toxicity
No data available

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Acute inhalational toxicity								
No data available								
Skin corrosion/irritation								
No data available								
Serious eye damage/irritation								
No data available								
Respiratory or skin sensitisation								
No data available								
Germ cell mutagenicity								
No data available								
Reproduction toxicity								
No data available								
Carcinogenicity								
No data available								
NTP Report on Carcinogens (RoC)								
According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) listed "known" (to be a human carcinogen) or "RAHC" (reasonably anticipated to be a human carcinogen).								
OSHA Standards listing cancer as a health effect (Table VII.6.2)								
According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) listed as carcinogenic.								
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans								
The product contains following substance(s) classified by the IARC Monographs								
<table border="1"> <thead> <tr> <th>No</th> <th>Substance name</th> <th>CAS no.</th> <th>Group</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2,2',2"-nitrilotriethanol</td> <td>102-71-6</td> <td>3</td> </tr> </tbody> </table>	No	Substance name	CAS no.	Group	1	2,2',2"-nitrilotriethanol	102-71-6	3
No	Substance name	CAS no.	Group					
1	2,2',2"-nitrilotriethanol	102-71-6	3					
STOT - single exposure								
No data available								
STOT - repeated exposure								
No data available								
Aspiration hazard								
No data available								

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)
No data available
Toxicity to fish (chronic)
No data available
Toxicity to Daphnia (acute)
No data available
Toxicity to Daphnia (chronic)
No data available
Toxicity to algae (acute)
No data available
Toxicity to algae (chronic)
No data available

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Other adverse effects

No data available.

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12.6 Other information**Other information**

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1 Disposal considerations****Product**

Dispose in accordance with federal, state and local regulations.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in accordance with federal, state and local regulations.

SECTION 14: Transport information**14.1 US DOT (Department of Transportation)**

Transport hazard class	Comb liq
Packaging group	III
UN/NA number	NA1993
UN proper shipping name	Combustible liquid, n.o.s.
Label code(s)	None

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, pls. see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

SECTION 15: Regulatory information**15.1 US Federal Regulations****Toxic Substances Control Act (TSCA)**

According to the data available and/or specifications supplied by upstream suppliers, all components of this product are on the TSCA Inventory or are exempted from notification requirements.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being subject to Table 302.4 "List of Hazardous Substances and Reportable Quantities".

Clean Air Act (CAA): Hazardous Air Pollutants (HAPS)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being "Hazardous Air Pollutants".

Clean Water Act (CWA) Section 307 (Toxic Pollutants) and Section 311 (Hazardous Substances)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered to be "Hazardous Substances".

EPCRA SARA Section 313, Toxic Chemical Release Inventory

The product contains following substance(s) that are considered being subject to "SARA Reporting".

No	Substance name	CAS no.
1	aluminium oxide	1344-28-1

Emergency Planning & Community Right-to-Know Act (EPCRA) - Sections 302 and 304

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being subject to reporting requirements.

Clean Air Act (CAA) - Section 602 Ozone depleting substances

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) listed

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as ozone depleting substance.

15.2 US State Regulations**Pennsylvania State Right to Know Hazardous Substance List**

The product contains following substance(s) that are considered to be "Hazardous Substances".

No	Substance name	CAS no.
1	2,2',2"-nitrioltriethanol	102-71-6
2	aluminium oxide	1344-28-1

New Jersey State Right to Know Hazardous Substance List

The product contains following substance(s) that are considered to be "Hazardous Substances".

No	Substance name	CAS no.
1	2,2',2"-nitrioltriethanol	102-71-6
2	aluminium oxide	1344-28-1

Massachusetts State Right to Know Hazardous Substance List

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered to be "Hazardous Substances".

California Code of Regulations Title 8 §339, Hazardous Substances List

The product contains following substance(s) that are considered to be "Hazardous Substances".

No	Substance name	CAS no.
1	2-octyl-2H-isothiazol-3-one	26530-20-1
2	aluminium oxide	1344-28-1

Right to Know - California State - Proposition 65

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered to be "Hazardous Substances".

SECTION 16: Other information, including date of preparation or last revision**16.1 Other information**

No data available.

16.2 Date of preparation/revision of the SDS

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16.3 Department issuing safety data sheet

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

16.4 Conclusions

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not, however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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Prod-ID 778437

16.5 Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists
 ATE – Acute Toxicity Estimate
 BOD - Biochemical Oxygen Demand
 CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania
 CAS - Chemical Abstracts Service
 CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
 CFR - Code of Federal Regulations (US)
 CLP - Classification, Labelling, and Packaging
 DOT - Department of Transportation Commission
 ECHA – European Chemicals Agency
 EC / EL – Effective Concentration / Effective Loading
 EPA - Environmental Protection Agency
 IARC - International Agency for Research on Cancer
 IATA - International Air Transport Association
 IBC – Intermediate Bulk Container
 ICAO - International Civil Aviation Organization

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IDL - Ingredient Disclosure List
IDLH - Immediately Dangerous to Life and Health
IMDG - International Maritime Dangerous Goods
IUCLID - International Uniform Chemical Information Database
Kow - Octanol/water partition coefficient
LD/LC - Lethal Dose/ Lethal Concentration
MARPOL – Marine Pollution
MEL - Maximum Exposure Limits
NFPA - National Fire Protection Agency
NIOSH - National Institute for Occupational Safety and Health
NJTSR - New Jersey Trade Secret Registry
NOEL/NOEC – No Observed Effect Level / No Observed Effect Concentration
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration
PEL- Permissible Exposure Limit
RCRA - Resource Conservation and Recovery Act
SARA - Superfund Amendments and Reauthorization Act
STEL - Short-term Exposure Limit
STOT – Specific Target Organ Toxicity
TDG - Transportation of Dangerous Goods
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
UN/NA - United Nations /North American
US - United States
VLE - Exposure Limit Value (Mexico)
VOC – Volatile Organic Compounds