

Trade name: Micro Cut & Finish P3.01**Product no.:** 404999**Current version :** 1.0.0, issued: 14.01.2020**Replaced version:** 1.0.0, issued: 16.09.2019**Region:** USA**SECTION 1: Identification****1.1 Product identifier**

Trade name

Micro Cut & Finish P3.01**1.2 Recommended use of the chemical and restrictions on use****Recommended use of the chemical and restrictions on use**

polish

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 information**

This product is not subject to classification in accordance with paragraph (d) of 29 CFR § 1910.1200 "Hazard Communication".

2.2 Label elements

Not relevant

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	NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	>= 10.00 - < 25.00	%-b.w.
	64742-48-9		

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove contaminated clothing and shoes and launder thoroughly before reusing.

After inhalation

Ensure supply of fresh air.

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After skin contact

When in contact with the skin, clean with soap and water.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

After ingestion

Rinse mouth thoroughly with water. Get medical attention if pain still persists.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing powder; Carbon dioxide; Water spray jet; Foam

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 dioxide (CO₂); Carbon monoxide (CO); Nitrogen oxides (NO_x); Toxic gases/vapours

5.3 Special protective equipment and precautions for fire-fighters

Wear a self-contained breathing apparatus and chemical protective clothing. Cool endangered containers with water spray jet.

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. Avoid contact with skin, eyes and clothing. Forms slippery surfaces with water.

For emergency responders

Personal protective equipment (PPE) - see Section 8.

6.2 Methods and materials for containment and cleaning up

Take up with absorbent material (e.g., sand, diatomaceous earth, universal binder). When collected, handle material as described under the section heading "Disposal considerations".

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling

If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Ensure adequate ventilation. Avoid dust formation.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Avoid product contact with skin, eyes and clothing; Do not inhale vapours or dust. Provide eye wash fountain in work area.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition. Avoid formation of dust. Take precautionary measures against static charges.

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Comply with legal health and safety regulations; Keep container tightly closed in a cool, well-ventilated place. Protect from direct sunlight. Protect against wetness.

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
	Skin resorption / sensibilisation	
	Remarks	A4
OSHA Permissible Exposure Limits (PELS) from 29 CFR 1910.1000		
alpha-Alumina		
	Total dust	
	TWA	15 mg/m ³
OSHA Permissible Exposure Limits (PELS) from 29 CFR 1910.1000		
alpha-Alumina		
	Respirable fraction	
	TWA	5 mg/m ³
2	2,2',2"-nitrilotriethanol	102-71-6
ACGIH Threshold Limit Values		
Triethanolamine		
	TWA	5 mg/m ³

8.2 Exposure controls**Appropriate engineering controls**

No data available.

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

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Eye / face protection

Wear appropriate protective eye glasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Hand protection

Wear appropriate gloves to prevent skin exposure. Change gloves when torn, punctured or contaminated.

Other protection measures

Common chemical protective clothing (cotton), safety footwear. Selection / adaptation of protection measures according to operational / workplace related conditions.

SECTION 9: Physical and chemical properties

Form/Color
liquid
Various, depending on coloration
Odor
characteristic

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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	<	93	°C
Auto-ignition temperature			
No data available			
Oxidising properties			
No data available			
Explosive properties			
not explosive			
Flammability (solid, gas)			
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			
Value		1.05	g/cm ³
Reference temperature		20	°C
Solubility in water			
Remarks		miscible	
Solubility(ies)			
No data available			
Partition coefficient: n-octanol/water			
No data available			
Viscosity			
Value	>	20.5	mm ² /s
Reference temperature		40	°C
Type		kinematic	

Other information

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No data available.

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

This material is considered to be non-reactive under normal use conditions.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

strong oxidising agents

10.6 Hazardous decomposition products

In case of fire: see section 5 . None, if handled according to intended use.

SECTION 11: Toxicological information**Information on toxicological effects****Acute oral toxicity**

No data available

Acute dermal toxicity

No data available

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

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The product contains following substance(s) classified by the IARC Monographs			
No	Substance name	CAS no.	Group
1	2,2',2"-nitrioltriethanol	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.

12.6 Other adverse effects

No data available.

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)**

The product is not subject to DOT regulations.

14.2 Transport IMDG

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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 being "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.

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

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

No	Substance name	CAS no.
1	2,2',2"-nitrilotriethanol	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 being "Hazardous Substances".

No	Substance name	CAS no.
1	2,2',2"-nitrilotriethanol	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 being "Hazardous Substances".

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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 Substances".

SECTION 16: Other information, including date of preparation or last revision**16.2 Date of preparation/revision of the SDS**

Current version	1.0.0	14.01.2020
Replaced version	1.0.0	16.09.2019

16.3 Department issuing safety data sheet

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg, Germany

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 759909

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
 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

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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