

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**ATM-CoolCut**

Revision date: 13.01.2026

Product code: epos1000144

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**1. Identification****Product identifier**

ATM-CoolCut

**Further trade names**

ATM-CoolCut  
order number 95004145 - 1 L  
order number 95004146 - 5 L  
order number 95004147 - 10 L

**Recommended use of the chemical and restrictions on use****Use of the substance/mixture**

Reagents and laboratory chemicals  
Restricted to professional users.

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

Company name: ATM Qness GmbH  
Street: Emil-Reinert-Straße 2  
Place: D-57636 Mammelzen  
Telephone: +49 (0) 2681 95390  
E-mail: info@qatm.com  
Contact person: info@qatm.com

**Emergency phone number:**

Global Access Code: 333498 (Europe: +44 20 35147487 / Americas: +1 866 519 4752 / Middle East/Africa: +1 760 476 3959 / Asia/Pacific: +1 760 476 3960)

**2. Hazard(s) identification****Classification of the chemical****29 CFR Part 1910.1200**

Respiratory or skin sensitization: Skin Sens. 1  
Classification procedure: Data obtained by expert judgement.

**Label elements****29 CFR Part 1910.1200**

Signal word: Warning

Pictograms:

**Hazard statements**

May cause an allergic skin reaction

**Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/protective clothing and eye protection/face protection.  
If on skin: Wash with plenty of water and soap.  
If skin irritation or rash occurs: Get medical advice/attention.  
Wash contaminated clothing before reuse.  
Dispose of waste according to applicable legislation.

**Hazards not otherwise classified**

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

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**3. Composition/information on ingredients****Mixtures****Relevant ingredients**

CAS No	Components	Quantity
112-34-5	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether	3 - < 7 %
105-59-9	2,2'-(methylimino)diethanol; N-methyldiethanolamine	1 - < 5 %
3811-73-2	pyridine-2-thiol 1-oxide, sodium salt; pyriothione sodium; sodium pyriothione	0.1 - < 0.25 %

**Further Information**

The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First-aid measures****Description of first aid measures****General information**

When in doubt or if symptoms are observed, get medical advice.

**After inhalation**

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

**After contact with skin**

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink 1 glass of water. Observe risk of aspiration if vomiting occurs. Never give anything by mouth to an unconscious person or a person with cramps. Get medical help if you feel unwell.

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

May cause an allergic skin reaction.

In rare cases the product can cause temporary erythema of the skin.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**

alcohol resistant foam, Extinguishing powder, Carbon dioxide (CO<sub>2</sub>), Water spray jet  
Co-ordinate fire-fighting measures to the fire surroundings.

**Unsuitable extinguishing media**

Full water jet

**Specific hazards arising from the chemical**

Non-flammable.

In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, Nitrogen oxides (NO<sub>x</sub>), Pyrolysis products, toxic

**Special protective equipment and precautions for fire-fighters**

In case of fire: Wear self-contained breathing apparatus. Full protection suit.

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#### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### General advice

Do not breathe gas/fume/vapor/spray. Avoid contact with skin, eyes and clothes. Evacuate area.

#### For non-emergency personnel

Provide adequate ventilation. Use personal protection equipment.

#### For emergency responders

Wear personal protection equipment (refer to section 8).

### Environmental precautions

Do not allow to enter into surface water or drains.

### Methods and material for containment and cleaning up

#### For containment

Stop leak if safe to do so. Cover drains.

#### For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### Other information

Clean contaminated articles and floor according to the environmental legislation.

### Reference to other sections

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

Disposal: see section 13

## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

Provide adequate ventilation. Do not breathe gas/fume/vapor/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

#### Advice on protection against fire and explosion

Usual measures for fire prevention.

#### Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed. Store in a well-ventilated place. Keep cool. Keep/Store only in original container.

#### Hints on joint storage

Do not store together with: Oxidizing agent, strong

#### Further information on storage conditions

Keep away from heat.

storage temperature: 10 - 30 °C

## 8. Exposure controls/personal protection

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**Control parameters**
**Exposure limits**

CAS No	Substance	ppm	mg/m <sup>3</sup>	Category	Origin
112-34-5	Diethylene glycol monobutyl ether (inhalable fraction and vapor)	10	67.5	TWA (8 h)	ACGIH-2025

**Exposure controls**

**Appropriate engineering controls**

Provide adequate ventilation as well as local exhaust at critical locations.

**Individual protection measures, such as personal protective equipment**
**Eye/face protection**

Tightly sealed safety glasses. EN ISO 16321 (EN 166).

**Hand protection**

Wear suitable gloves. (EN ISO 374)

Suitable material: NR (natural rubber, Natural latex)

Thickness of the glove material: 0,6 mm

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

Respiratory protection necessary at: insufficient ventilation, exceeding exposure limit values, aerosol or mist formation

Recommendation: Filter material/medium: A2-P2; EN 14387

**Thermal hazards**

No information available.

**Environmental exposure controls**

Avoid release to the environment.

**9. Physical and chemical properties**
**Information on basic physical and chemical properties**

Physical state:	Liquid
Color:	light yellow
Odor:	characteristic
Odour threshold:	not determined

**Test method**

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Flammability:	Non-flammable.
Lower explosion limits:	not determined

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Upper explosion limits:	not determined
Flash point:	not applicable
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value (at 20 °C):	9 - 10 DIN 51369
Viscosity / kinematic: (at 40 °C)	5 - 7 mm <sup>2</sup> /s DIN 16896
Water solubility:	easily soluble
Solubility in other solvents not determined	
Partition coefficient n-octanol/water:	not determined
Vapor pressure:	not determined
Density:	1,040 - 1,070 g/cm <sup>3</sup> DIN 51757
Relative vapour density:	not determined
Particle characteristics:	not applicable

**Other information**

No information available.

**10. Stability and reactivity****Reactivity**

No hazardous reaction when handled and stored according to provisions.

**Chemical stability**

Stability: Stable

The product is stable under storage at normal ambient temperatures.

**Possibility of hazardous reactions**

Hazardous reactions: Will not occur

No information available.

**Conditions to avoid**

Heat

**Incompatible materials**

Oxidizing agent, strong

**Hazardous decomposition products**In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, Nitrogen oxides (NO<sub>x</sub>), Pyrolysis products, toxic**11. Toxicological information****Route(s) of Entry**

oral, Skin contact, Eye contact.

Inhalation: aerosol or mist formation / particulates and dust

**Information on toxicological effects****Acute toxicity**

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

**ATEmix calculated**

ATE (oral) &gt; 5000 mg/kg; ATE (dermal) &gt; 5000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

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CAS No	Components				
	Exposure route	Dose	Species	Source	Method
112-34-5	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether				
	oral	LD50 3305 mg/kg	Rat	Pre-supplier/manufac turer	
	dermal	LD50 2764 mg/kg	Rabbit	Pre-supplier/manufac turer	
105-59-9	2,2'-(methylimino)diethanol; N-methyldiethanolamine				
	oral	LD50 4680 mg/kg	Rat	Pre-supplier/manufac turer	
	dermal	LD50 5990 mg/kg	Rabbit	Pre-supplier/manufac turer	
3811-73-2	pyridine-2-thiol 1-oxide, sodium salt; pyrithione sodium; sodium pyrithione				
	oral	ATE 500 mg/kg			
	dermal	ATE 790 mg/kg			
	inhalation dust/mist	ATE 0,5 mg/l			

#### Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Classification procedure: Data obtained by expert judgement. (Source: Pre-supplier/manufacturer)

#### Sensitizing effects

May cause an allergic skin reaction (pyridine-2-thiol 1-oxide, sodium salt; pyrithione sodium; sodium pyrithione)

#### Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

#### Specific target organ toxicity (STOT) - single exposure

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

#### Specific target organ toxicity (STOT) - repeated exposure

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

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

#### Aspiration hazard

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

#### Information on other hazards

##### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

##### Other information

No information available.

## 12. Ecological information

#### Persistence and degradability

The product has not been tested.

#### Bioaccumulative potential

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The product has not been tested.

**Mobility in soil**

The product has not been tested.

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

**13. Disposal considerations****Waste treatment methods****Disposal recommendations**

Collect the waste separately. Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

**14. Transport information****U.S. DOT 49 CFR 172.101****Proper shipping name:**

No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**Special precautions for user**

No information available.

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

not applicable

**15. Regulatory information****U.S. Regulations****National Inventory TSCA**

CAS No.: 112-34-5: listed

CAS No.: 105-59-9: listed

CAS No.: 3811-73-2: listed

**National regulatory information**

SARA Section 311/312 Hazards:

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2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether (112-34-5): Immediate (acute) health hazard  
2,2'-(methylimino)diethanol; N-methyldiethanolamine (105-59-9): Immediate (acute) health hazard  
pyridine-2-thiol 1-oxide, sodium salt; pyriothione sodium; sodium pyriothione (3811-73-2): Immediate (acute) health hazard, Delayed (chronic) health hazard

**State Regulations****Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**16. Other information**

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**Abbreviations and acronyms**

CAS: Chemical Abstracts Service  
CFR: Code of Federal Regulations  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
OSHA: Occupational Safety and Health Administration  
UN: United Nations  
ACGIH: American Conference of Governmental Industrial Hygienists  
ATE: Acute Toxicity Estimates  
BCF: Bio-Concentration Factor  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
STEL: Short-Term Exposure Limit  
TWA: Time Weighted Average  
VOC: Volatile Organic Compounds  
DIN: Deutsches Institut für Normung e.V. (German Institute for Standardization)  
EN: European Standard  
ISO: International Organization for Standardization  
IUCLID: International Uniform Chemical Information Database  
LC50: Lethal Concentration, 50 %  
LD50: Lethal Dose, 50 %  
LL50: Lethal Loading, 50 %  
OECD: Organisation for Economic Co-operation and Development  
EC50: Effective Concentration 50 %  
EL50: Effect Loading, 50 %  
ErC50: Effective Concentration 50 %, growth rate  
NOEC: No Observed Effect Concentration  
DGR: Dangerous Goods Regulations  
DOT: Department Of Transportation  
EmS: Emergency Schedules  
IATA: International Air Transport Association  
IBC: Intermediate Bulk Container  
ICAO: International Civil Aviation Organization  
IE: Industrial Emissions  
IMDG: International Maritime Code for Dangerous Goods  
LQ: Limited Quantity  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
TI: Technical Instructions  
IARC: International Agency for Research on Cancer  
NFPA: National Fire Protection Association  
NTP: National Toxicology Program  
SARA: Superfund Amendments and Reauthorization Act  
TSCA: Toxic Substances Control Act

**Key literature references and sources for data**

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations). (v.1.2, 2013)

**Other data**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Observe in addition any national regulations!



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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*