

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 30 Sept 2023

Print date: 30 Sept 2023

Version: 1



Page 1/9

Nuke Guys Mikrofaserwaschmittel

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

1.1. Product identifier

Trade name/designation:

Nuke Guys Mikrofaserwaschmittel

Article No.:

20032186

UFI:

FM00-Q0M6-W00P-FAJ4

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

Use of the substance/mixture:

Automotive care products

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Motodox GmbH

Niedernberger Strasse 10

63741 Aschaffenburg

Germany

Telephone: +49 (0) 6021 45480 0

E-mail: service@motodox.de

Website: www.motodox.de

E-mail (competent person): vl@motodox.de

1.4. Emergency telephone number

24h: +49 172 6917313, +49 6021 45480 88 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Respiratory or skin sensitisation (Skin Sens. 1)	H317: May cause an allergic skin reaction.	Calculation method.
Serious eye damage/eye irritation (Eye Dam. 1)	H318: Causes serious eye damage.	Calculation method.

2.2. Label elements

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

Hazard pictograms:



GHS05
Corrosion



GHS07
Exclamation mark

Signal word: Danger

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 30 Sept 2023

Print date: 30 Sept 2023

Version: 1



Page 2/9

Nuke Guys Mikrofaserwaschmittel

Hazard components for labelling:

2-methyl-2H-isothiazol-3-one; Isotridecanol, ethoxylated; 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts; Amine, Kokos-alkyldimethyl-,N-oxide

Hazard statements for health hazards

H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

Supplemental hazard information: none

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.

Precautionary statements Prevention

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

Precautionary statements Response

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.

Precautionary statements Disposal

P501	Dispose of contents/container to an appropriate recycling or disposal facility.
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2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 9043-30-5 EC No.: 500-027-2	Isotridecanol, ethoxylated Eye Dam. 1 (H318) Danger	5 - < 11 weight-%
CAS No.: 147170-44-3 EC No.: 931-333-8	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts Aquatic Chronic 3 (H412), Eye Dam. 1 (H318), Eye Irrit. 2 (H319) Danger Specific concentration limit (SCL) Eye Irrit. 2; H319: 4% ≤ C < 10% Eye Dam. 1; H318: C ≥ 10%	5 - ≤ 10 weight-%
CAS No.: 61788-90-7 EC No.: 263-016-9	Amine, Kokos-alkyldimethyl-,N-oxide Aquatic Acute 1 (H400), Eye Dam. 1 (H318), Skin Irrit. 2 (H315) Danger	1 - ≤ 2 weight-%
CAS No.: 2682-20-4 EC No.: 220-239-6 Index No.: 613-326-00-9	2-methyl-2H-isothiazol-3-one Acute Tox. 2 (H330), Acute Tox. 3 (H311, H301), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Corr. 1B (H314), Skin Sens. 1A (H317) Danger EUH071 M-factor (acute): 10 M-factor (chronic): 1 Specific concentration limit (SCL) Skin Sens. 1A; H317: C ≥ 0.0015%	0 - ≤ 0.0025 weight-%

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

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 30 Sept 2023

Print date: 30 Sept 2023

Version: 1



Page 3/9

Nuke Guys Mikrofaserwaschmittel

SECTION 4: First aid measures

4.1. Description of 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 victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

Self-protection of the first aider:

Use personal protection equipment.

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

Allergic reactions Serious eye damage/eye irritation

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:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety.

Protective equipment:

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

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 30 Sept 2023

Print date: 30 Sept 2023

Version: 1



Page 4/9

Nuke Guys Mikrofaserwaschmittel

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up:

Water (with cleaning agent)

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Storage class (TRGS 510, Germany): 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
DFG (DE)	2-methyl-2H-isothiazol-3-one CAS No.: 2682-20-4 EC No.: 220-239-6	① 0.2 mg/m ³ ② 0.4 mg/m ³ ⑤ einatembare Fraktion (Reaktionsgemisch, bestehend aus 5-Chlor-2-methyl-2H-isothiazol-3-on und 2-Methyl-2H-isothiazol-3-on (3:1)) Sh

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 30 Sept 2023

Print date: 30 Sept 2023

Version: 1



Page 5/9

Nuke Guys Mikrofaserwaschmittel

8.2.2. Personal protection equipment



Eye/face protection:

Eye glasses with side protection EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374

Suitable material: Butyl caoutchouc (butyl rubber)

Breakthrough time: 480min

In the case of wanting to use the gloves again, clean them before taking off and air them well.

Breakthrough times and swelling properties of the material must be taken into consideration.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: not determined

Odour: not determined

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	≈ 9	20 °C	
Melting point	No data available		
Freezing point	No data available		
Initial boiling point and boiling range	No data available		
Decomposition temperature	No data available		
Flash point	not applicable		
Evaporation rate	No data available		
Auto-ignition temperature	No data available		
Upper/lower flammability or explosive limits	No data available		
Vapour pressure	No data available		
Vapour density	No data available		
Density	≈ 1 g/cm ³	20 °C	
Relative density	No data available		
Bulk density	No data available		
Water solubility	miscible	20 °C	
Partition coefficient: n-octanol/water	No data available		
Dynamic viscosity	No data available		
Kinematic viscosity	No data available		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn.

10.2. Chemical stability

No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 30 Sept 2023

Print date: 30 Sept 2023

Version: 1



Page 6/9

Nuke Guys Mikrofaserwaschmittel

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

SECTION 11: Toxicological information

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

Isotridecanol, ethoxylated CAS No.: 9043-30-5 EC No.: 500-027-2
LD₅₀ oral: 500.1 mg/kg
LC₅₀ Acute inhalation toxicity (vapour): >2,000 mg/L (Rat)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts CAS No.: 147170-44-3 EC No.: 931-333-8
LD₅₀ oral: 1,530 mg/kg (rat) OECD Guideline 401 (Acute Oral Toxicity)
LD₅₀ dermal: >620 mg/kg (rat)

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

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

Serious eye damage/irritation:

Causes serious eye damage.

Respiratory or skin sensitisation:

May cause an allergic skin reaction.

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.

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.

Additional information:

No data available

11.2. Information on other hazards

No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 30 Sept 2023

Print date: 30 Sept 2023

Version: 1



Page 7/9

Nuke Guys Mikrofaserwaschmittel

SECTION 12: Ecological information

12.1. Toxicity

Isotridecanol, ethoxylated CAS No.: 9043-30-5 EC No.: 500-027-2
LC ₅₀ : 10 - 100 mg/L 4 d (fish, <i>Leuciscus idus</i> (golden orfe))
EC ₅₀ : 10 - 100 mg/L 3 d (Algae/water plant)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts CAS No.: 147170-44-3 EC No.: 931-333-8
LC ₅₀ : 1.11 mg/L 4 d (fish, <i>Pimephales promelas</i>)
EC ₅₀ : 6.5 mg/L 2 d (crustaceans, <i>Daphnia magna</i>)
NOEC: 0.54 mg/L 4 d (fish, <i>Pimephales promelas</i>)
NOEC: 0.16 mg/L 28 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>))
LOEC: 0.5 mg/L 28 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>))
2-methyl-2H-isothiazol-3-one CAS No.: 2682-20-4 EC No.: 220-239-6
LC ₅₀ : 0.07 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i> (Rainbow trout))
EC ₅₀ : 0.18 mg/L 2 d (crustaceans, <i>Daphnia magna</i> (Big water flea))

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts CAS No.: 147170-44-3 EC No.: 931-333-8
Log K _{ow} : 7.17

Partition coefficient: n-octanol/water:

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Isotridecanol, ethoxylated CAS No.: 9043-30-5 EC No.: 500-027-2
Results of PBT and vPvB assessment: —
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts CAS No.: 147170-44-3 EC No.: 931-333-8
Results of PBT and vPvB assessment: —
Amine, Kokos-alkyldimethyl-,N-oxide CAS No.: 61788-90-7 EC No.: 263-016-9
Results of PBT and vPvB assessment: —
2-methyl-2H-isothiazol-3-one CAS No.: 2682-20-4 EC No.: 220-239-6
Results of PBT and vPvB assessment: —

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 30 Sept 2023

Print date: 30 Sept 2023

Version: 1



Page 8/9

Nuke Guys Mikrofaserwaschmittel

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

No data available

15.1.2. National regulations

 [DE] National regulations

Water hazard class

WGK:

3 - highly hazardous to water

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

Substance name	Type	source of supply
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts CAS No.: 147170-44-3 EC No.: 931-333-8	Classification of the substance or mixture; LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ ; EC ₅₀ ; NOEC; LOEC	Source: European Chemicals Agency, http://echa.europa.eu/

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 30 Sept 2023

Print date: 30 Sept 2023

Version: 1



Page 9/9

Nuke Guys Mikrofaserwaschmittel

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	Calculation method.
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	Calculation method.

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Supplemental hazard information	
EUH071	Corrosive to the respiratory tract.

16.6. Training advice

No data available

16.7. Additional information

No data available