

# SAFETY DATA SHEET

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

Revision date: 13 Apr 2023

Print date: 17 May 2023

Version: 1



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## Nuke Guys Thick Shampoo Autoshampoo

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

#### 1.1. Product identifier

Trade name/designation:

Nuke Guys Thick Shampoo Autoshampoo

Article No.:

20032190+2003191+20032193

UFI:

4600-6057-D006-5MMT

#### 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
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	Calculation method.
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.

#### 2.2. Label elements

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

Hazard pictograms:



**GHS05**  
Corrosion



**GHS07**  
Exclamation mark

Signal word: Danger

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### Hazard components for labelling:

2-methyl-2H-isothiazol-3-one; 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts; Alcohols, C12-14, ethoxylated, sulfates, sodium salts

#### Hazard statements for health hazards

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

### Supplemental hazard information: none

#### 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.

P332 + P313 If skin irritation 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 ....

### 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.: 68891-38-3 EC No.: 500-234-8 REACH No.: 01-2119488639-16-0000	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b> Aquatic Chronic 3 (H412), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315) Warning <b>Specific concentration limit (SCL)</b> Eye Irrit. 2; H319: 5% ≤ C < 10%	6 - ≤ 12 weight-%
CAS No.: 147170-44-3 EC No.: 931-333-8	<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts</b> Aquatic Chronic 3 (H412), Eye Dam. 1 (H318), Eye Irrit. 2 (H319) Danger <b>Specific concentration limit (SCL)</b> Eye Irrit. 2; H319: 4% ≤ C < 10% Eye Dam. 1; H318: C ≥ 10%	0 - ≤ 1.5 weight-%
CAS No.: 2682-20-4 EC No.: 220-239-6 Index No.: 613-326-00-9	<b>2-methyl-2H-isothiazol-3-one</b> 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 <b>Specific concentration limit (SCL)</b> Skin Sens. 1A; H317: C ≥ 0.0015%	0 - < 0.003 weight-%

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

## 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.

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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. If skin irritation or rash occurs: Get medical advice/attention. Take off immediately all contaminated clothing.

### 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 drunk 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

Skin corrosion/irritation 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.

### 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)

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### 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

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

#### 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:** green

**Odour:** not determined

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### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	8.5		
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	1.03 g/cm <sup>3</sup>	20 °C	
Relative density	No data available		
Bulk density	No data available		
Water solubility	miscible		
Partition coefficient: n-octanol/water	No data available		
Dynamic viscosity	100 mPa*s	20 °C	
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

### 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

<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b> CAS No.: 68891-38-3 EC No.: 500-234-8
<b>LD<sub>50</sub> oral:</b> 4,100 mg/kg (Rat)
<b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (Rat)
<b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> 4,000 mg/L (Rat)
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts</b> CAS No.: 147170-44-3 EC No.: 931-333-8
<b>LD<sub>50</sub> oral:</b> 1,530 mg/kg (rat) OECD Guideline 401 (Acute Oral Toxicity)
<b>LD<sub>50</sub> dermal:</b> >620 mg/kg (rat)

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### 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:

Causes skin irritation.

### 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

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b> CAS No.: 68891-38-3 EC No.: 500-234-8
LC <sub>50</sub> : 7.1 mg/L 4 d (fish, Brachydanio rerio) OECD 203
EC <sub>50</sub> : 7.4 mg/L 2 d (crustaceans, Daphnia magna) OECD 202
EC <sub>50</sub> : >10 - 100 mg/L 3 d (Algae/water plant, Alge) OECD 201
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts</b> CAS No.: 147170-44-3 EC No.: 931-333-8
LC <sub>50</sub> : 1.11 mg/L 4 d (fish, Pimephales promelas)
EC <sub>50</sub> : 6.5 mg/L 2 d (crustaceans, Daphnia magna)
NOEC: 0.54 mg/L 4 d (fish, Pimephales promelas)
NOEC: 0.16 mg/L 28 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri))
LOEC: 0.5 mg/L 28 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri))
<b>2-methyl-2H-isothiazol-3-one</b> CAS No.: 2682-20-4 EC No.: 220-239-6
LC <sub>50</sub> : 0.07 mg/L 4 d (fish, Oncorhynchus mykiss (Rainbow trout))
EC <sub>50</sub> : 0.18 mg/L 2 d (crustaceans, Daphnia magna (Big water flea))

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

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

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### Partition coefficient: n-octanol/water:

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b> CAS No.: 68891-38-3 EC No.: 500-234-8
<b>Results of PBT and vPvB assessment: —</b>
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts</b> CAS No.: 147170-44-3 EC No.: 931-333-8
<b>Results of PBT and vPvB assessment: —</b>
<b>2-methyl-2H-isothiazol-3-one</b> CAS No.: 2682-20-4 EC No.: 220-239-6
<b>Results of PBT and vPvB assessment: —</b>

### 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.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
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.
<b>14.2. UN proper shipping name</b>			
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.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
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

No data available



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### 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
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts</b> CAS No.: 147170-44-3 EC No.: 931-333-8	Classification of the substance or mixture; LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC; LOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>

### 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
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	Calculation method.
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. Relevant R-, H- and EUH-phrases (Number and full text)

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