

# SAFETY DATA SHEET

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

Revision date: 15 Nov 2022

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## Nuke Guys Innenreiniger

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

#### 1.1. Product identifier

Trade name/designation:

Nuke Guys Innenreiniger

Article No.:

20032216

UFI:

CQ00-709M-7005-4P46

#### 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
Serious eye damage/eye irritation (Eye Irrit. 2)	H319: Causes serious eye irritation.	Calculation method.

#### 2.2. Label elements

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

Hazard pictograms:



**GHS07**

Exclamation mark

Signal word: Warning

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### Hazard components for labelling:

D-Glucopyranose, oligomers, decyl octyl glycosides; isoeugenol

#### Hazard statements for health hazards

H319 Causes serious eye irritation.

#### Supplemental hazard information

EUH208 Contains isoeugenol. May produce an allergic reaction.

#### Precautionary statements Prevention

P264 Wash ... thoroughly after handling.

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.

P337 + P313 If eye irritation persists: Get medical advice/attention.

### 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.: 68515-73-1 EC No.: 500-220-1	<b>D-Glucopyranose, oligomers, decyl octyl glycosides</b> Eye Dam. 1 (H318) <b>Danger</b>	2 - ≤ 3.5 weight-%
CAS No.: 101-84-8 EC No.: 202-981-2	<b>diphenyl ether</b> Aquatic Acute 1 (H400), Aquatic Chronic 3 (H412), Eye Irrit. 2 (H319) <b>Warning</b>	0 - < 0.008 weight-%
CAS No.: 97-54-1 EC No.: 202-590-7	<b>isoeugenol</b> Acute Tox. 4 (H302, H312, H332), Eye Irrit. 2 (H319), STOT SE 3 (H335), Skin Irrit. 2 (H315), Skin Sens. 1A (H317) <b>Warning</b> <b>Specific concentration limit (SCL)</b> Skin Sens. 1A; H317: C ≥ 0.01%	0 - < 0.002 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. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

#### 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.

#### After eye contact:

Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Following ingestion:

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

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### Self-protection of the first aider:

Use personal protection equipment.

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

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)

### 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.

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### 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
WEL (GB)	polychloro copper phthalocyanine CAS No.: 1328-53-6 EC No.: 215-524-7	① 0.2 mg/m <sup>3</sup> ⑤ (Smoke)
WEL (GB)	polychloro copper phthalocyanine CAS No.: 1328-53-6 EC No.: 215-524-7	① 1 mg/m <sup>3</sup> ② 2 mg/m <sup>3</sup> ⑤ (Dusts and mist calculated as Cu)
WEL (GB)	diphenyl ether CAS No.: 101-84-8 EC No.: 202-981-2	① 1 ppm (7 mg/m <sup>3</sup> ) ② 2 ppm (14 mg/m <sup>3</sup> )
IOELV (EU)	diphenyl ether CAS No.: 101-84-8 EC No.: 202-981-2	① 1 ppm (7 mg/m <sup>3</sup> ) ② 2 ppm (14 mg/m <sup>3</sup> )

#### 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

#### 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

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

##### Appearance

Physical state: Liquid

Colour: green

Odour: not determined

##### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	6 - 8		
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 <sup>3</sup>	20 °C	
Relative density	No data available		
Bulk density	No data available		
Water solubility	completely miscible		
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

#### 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

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### SECTION 11: Toxicological information

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

<b>D-Glucopyranose, oligomers, decyl octyl glycosides</b> CAS No.: 68515-73-1 EC No.: 500-220-1
<b>LD<sub>50</sub> oral:</b> >2,000 mg/kg (rat)
<b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (rabbit) OECD Guideline 402 (Acute Dermal Toxicity)
<b>diphenyl ether</b> CAS No.: 101-84-8 EC No.: 202-981-2
<b>LD<sub>50</sub> oral:</b> 3,370 mg/kg (Rat)
<b>LD<sub>50</sub> dermal:</b> >5,000 mg/kg (Rabbit)
<b>LC<sub>50</sub> Acute inhalation toxicity (vapour):</b> >11.56 mg/L 7 h (rat) OECD Guideline 403 (Acute Inhalation Toxicity)
<b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> 2.41 mg/L 4 h (rat)
<b>isoeugenol</b> CAS No.: 97-54-1 EC No.: 202-590-7
<b>LD<sub>50</sub> oral:</b> 1,560 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 irritation.

#### Respiratory or skin sensitisation:

Contains isoeugenol. May produce an allergic 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>D-Glucopyranose, oligomers, decyl octyl glycosides</b> CAS No.: 68515-73-1 EC No.: 500-220-1
<b>LC<sub>50</sub>:</b> 100.81 mg/L 4 d (fish, Danio rerio (previous name: Brachydanio rerio)) ISO 7346/1-3 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)])
<b>EC<sub>50</sub>:</b> >100 mg/L 2 d (crustaceans, Daphnia magna)
<b>EC<sub>50</sub>:</b> 27.22 mg/L 3 d (Algae/water plant, Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)) DIN 38412, part 9
<b>NOEC:</b> ≥100 mg/L 2 d (crustaceans, Daphnia magna)

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**diphenyl ether** CAS No.: 101-84-8 EC No.: 202-981-2

**LC<sub>50</sub>**: 6 mg/L 2 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*))

**EC<sub>50</sub>**: 1.7 mg/L 2 d (crustaceans, *Daphnia magna* (Big water flea))

**NOEC**: 118.4 mg/L 4 d (Algae/water plant, *Skeletonema costatum*)

**LOEC**: 6.25 mg/L 3 d (Algae/water plant, *Desmodesmus subspicatus* (previous name: *Scenedesmus subspicatus*)) EU Method C.3 (Algal Inhibition test)

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

**diphenyl ether** CAS No.: 101-84-8 EC No.: 202-981-2

**Log K<sub>OW</sub>**: 1.62

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

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

**D-Glucopyranose, oligomers, decyl octyl glycosides** CAS No.: 68515-73-1 EC No.: 500-220-1

**Results of PBT and vPvB assessment:** —

**diphenyl ether** CAS No.: 101-84-8 EC No.: 202-981-2

**Results of PBT and vPvB assessment:** —

**isoeugenol** CAS No.: 97-54-1 EC No.: 202-590-7

**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.

## 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

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
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### 14.5. Environmental hazards

not relevant	not relevant	not relevant	not relevant
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### 14.6. Special precautions for user

not relevant	not relevant	not relevant	not relevant
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### 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

### 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
D-Glucopyranose, oligomers, decyl octyl glycosides CAS No.: 68515-73-1 EC No.: 500-220-1	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	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
diphenyl ether CAS No.: 101-84-8 EC No.: 202-981-2	LC <sub>50</sub> Acute inhalation toxicity (vapour); LC <sub>50</sub> Acute inhalation toxicity (dust/mist); LC <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
Serious eye damage/eye irritation (Eye Irrit. 2)	H319: Causes serious eye irritation.	Calculation method.

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

### 16.6. Training advice

No data available



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### 16.7. Additional information

No data available