# ADS NO3 GLASREINIGER



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

**1.1. Product identifier**

ADS NO3 GLASREINIGER

UFI: Y0U6-Q6ES-PCD0-AM9R

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

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

Company name: ARCORA International GmbH
Street: Marsstraße 9
Place: D-85609 Aschheim
Telephone: +49 (0)89 / 14 33 29 3-0 Telefax: +49 (0)89 / 14 33 29 3-29
e-mail: info@arcora.de

**1.4. Emergency telephone number:** Giftnotruf der Charité - Universitätsmedizin Berlin -24H- Tel.: 030 30686700

## SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**

**Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

**2.2. Label elements**

**2.3. Other hazards**

No information available.

## SECTION 3: Composition/information on ingredients

**3.2. Mixtures**

**Hazardous components**

| CAS No | Chemical name | | | Quantity |
|---|---|---|---|---|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 107-98-2 | 1-Methoxy-2-propanol; Monopropylenglycolmethylether | | | 1 - < 5 % |
| | 203-539-1 | | 01-2119457435-35 | |
| | Flam. Liq. 3, STOT SE 3; H226 H336 | | | |
| 55965-84-9 | Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] und 2-Methyl-2H-isothiazol-3-on[EG nr. 220-239-6] (3:1) | | | < 0.1 % |
| | - | | | |
| | Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071 | | | |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No | EC No | Chemical name | Quantity |
|---|---|---|---|
| | Specific Conc. Limits, M-factors and ATE | | |
| 107-98-2 | 203-539-1 | 1-Methoxy-2-propanol; Monopropylenglycolmethylether | 1 - < 5 % |
| | inhalation: LC50 = 54,6 mg/l (dusts or mists); dermal: LD50 = 13000 mg/kg; oral: LD50 = 5900 mg/kg | | |
| 55965-84-9 | - | Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] und 2-Methyl-2H-isothiazol-3-on[EG nr. 220-239-6] (3:1) | < 0.1 % |
| | inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: LD50 = 141 mg/kg; oral: LD50 = 64 - 66 mg/kg Skin Corr. 1C; H314: >= 0,6 - 100 Skin Irrit. 2; H315: >= 0,06 - < 0,6 Eye Dam. 1; H318: >= 0,6 - 100 Eye Irrit. 2; H319: >= 0,06 - < 0,6 Skin Sens. 1A; H317: >= 0,0015 - 100 | | |

**Labelling for contents according to Regulation (EC) No 648/2004**

< 5 % anionic surfactants.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**After inhalation**

Provide fresh air.

**After contact with skin**

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

Rinse mouth immediately and drink 1 glass of of water.

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

No information available.

### 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

Non-flammable.

### 5.3. Advice for firefighters

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

**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

**General advice**

Use personal protection equipment.

### 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 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.

### 6.4. Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling**

No special measures are necessary.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Advice on general occupational hygiene**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

### 7.2. Conditions for safe storage, including any incompatibilities

**Requirements for storage rooms and vessels**

Keep container tightly closed.

**Hints on joint storage**

No special measures are necessary.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limit values**

| CAS No | Name of agent | ppm | mg/m³ | fib/cm³ | Category | Origin |
|---|---|---|---|---|---|---|
| 107-98-2 | 1-Methoxypropan-2-ol | 100 | 375 | | TWA (8 h) | |
| | | 150 | 568 | | STEL (15 min) | |

**DNEL/DMEL values**

| CAS No | Name of agent | | |
|---|---|---|---|
| DNEL type | Exposure route | Effect | Value |
| 107-98-2 | 1-Methoxy-2-propanol; Monopropylenglycolmethylether | | |
| Consumer DNEL, long-term | oral | systemic | 3,3 mg/kg bw/day |
| Consumer DNEL, long-term | dermal | systemic | 18,1 mg/kg bw/day |
| Worker DNEL, long-term | dermal | systemic | 50,6 mg/kg bw/day |
| Worker DNEL, acute | inhalation | local | 553,5 mg/m³ |
| Consumer DNEL, long-term | inhalation | systemic | 43,9 mg/m³ |
| Worker DNEL, long-term | inhalation | systemic | 369 mg/m³ |

**PNEC values**

| CAS No | Name of agent | |
|---|---|---|
| Environmental compartment | | Value |
| 107-98-2 | 1-Methoxy-2-propanol; Monopropylenglycolmethylether | |
| Freshwater | | 10 mg/l |
| Freshwater (intermittent releases) | | 100 mg/l |
| Marine water | | 1 mg/l |
| Freshwater sediment | | 41,6 mg/kg |
| Marine sediment | | 4,17 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 100 mg/l |
| Soil | | 2,47 mg/kg |

## 8.2. Exposure controls

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

**Eye/face protection**

Wear eye/face protection.

**Hand protection**

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**

Use of protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| Physical state: | Liquid |
| Colour: | colourless |
| Odour: | characteristic |

**Changes in the physical state**

| | |
|---|---|
| Melting point/freezing point: | not determined |
| Boiling point or initial boiling point and boiling range: | not determined |
| Flash point: | not determined |

**Flammability**

| | |
|---|---|
| Solid/liquid: | not applicable |
| Gas: | not applicable |

**Explosive properties**
The product is not: Explosive.

| | |
|---|---|
| Lower explosion limits: | not determined |
| Upper explosion limits: | not determined |
| Auto-ignition temperature: | not determined |
| Decomposition temperature: | not determined |

**Oxidizing properties**
The product is not: oxidising.

| | |
|---|---|
| pH-Value (at 20 °C): | 7 |
| Water solubility: | easily soluble |

**Solubility in other solvents**
not determined

| | |
|---|---|
| Partition coefficient n-octanol/water: | not determined |
| Vapour pressure: | not determined |
| Density (at 20 °C): | 1 g/cm³ |
| Relative vapour density: | not determined |

**9.2. Other information**

**Other safety characteristics**

| | |
|---|---|
| Solid content: | not determined |
| Evaporation rate: | not determined |

**Further Information**

## SECTION 10: Stability and reactivity

**10.1. Reactivity**
No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**
The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**
No known hazardous reactions.

**10.4. Conditions to avoid**
none

**10.5. Incompatible materials**
No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

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

**Acute toxicity**

| CAS No | Chemical name | | | | |
|---|---|---|---|---|---|
| | Exposure route | Dose | Species | Source | Method |
| 107-98-2 | 1-Methoxy-2-propanol; Monopropylenglycolmethylether | | | | |
| | oral | LD50 5900 mg/kg | Rat | IUCLID | |
| | dermal | LD50 13000 mg/kg | Rabbit | | |
| | inhalation (4 h) aerosol | LC50 54,6 mg/l | Ratte | | |
| 55965-84-9 | Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] und 2-Methyl-2H-isothiazol-3-on[EG nr. 220-239-6] (3:1) | | | | |
| | oral | LD50 64 - 66 mg/kg | Ratte | | |
| | dermal | LD50 141 mg/kg | Ratte | | |
| | inhalation vapour | ATE 0,5 mg/l | | | |
| | inhalation aerosol | ATE 0,05 mg/l | | | |

**Further information**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not: Ecotoxic.

| CAS No | Chemical name | | | | | |
|---|---|---|---|---|---|---|
| | Aquatic toxicity | Dose | [h] \| [d] | Species | Source | Method |
| 107-98-2 | 1-Methoxy-2-propanol; Monopropylenglycolmethylether | | | | | |
| | Acute fish toxicity | LC50 >6800 mg/l | 96 h | Leuciscus idus | IUCLID | |
| | Acute algae toxicity | ErC50 > 1000 mg/l | 72 h | Selenastrum capricornutum | | |
| | Acute crustacea toxicity | EC50 > 500 mg/l | 48 h | Daphnia magna | IUCLID | |
| | Acute bacteria toxicity | (>1000 mg/l) | 3 h | Bakterien | | |
| 55965-84-9 | Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] und 2-Methyl-2H-isothiazol-3-on[EG nr. 220-239-6] (3:1) | | | | | |
| | Acute fish toxicity | LC50 0,19 mg/l | 96 h | Oncorhynchus mykiss | | |
| | Acute algae toxicity | ErC50 0,0049 mg/l | 96 h | Skeletonema costatum: | | |
| | Acute crustacea toxicity | EC50 0,19 mg/l | 48 h | Daphnia magna | | |

**12.2. Persistence and degradability**

The product has not been tested.

**12.3. Bioaccumulative potential**

The product has not been tested.

**Partition coefficient n-octanol/water**

| CAS No | Chemical name | Log Pow |
|---|---|---|
| 107-98-2 | 1-Methoxy-2-propanol; Monopropylenglycolmethylether | -0,437 |

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

The product has not been tested.

**12.7. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Disposal recommendations**

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

**Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled.

## SECTION 14: Transport information

**Land transport (ADR/RID)**

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

**14.7. Maritime transport in bulk according to IMO instruments**

No dangerous good in sense of this transport regulation.

## SECTION 15: Regulatory information

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

**EU regulatory information**

| | |
|---|---|
| 2010/75/EU (VOC): | 2,989 % (29,886 g/l) |
| 2004/42/EC (VOC): | 2,989 % (29,886 g/l) |
| Information according to 2012/18/EU (SEVESO III): | Not subject to 2012/18/EU (SEVESO III) |

**National regulatory information**

| | |
|---|---|
| Water hazard class (D): | 1 - slightly hazardous to water |

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

**Changes**

This data sheet contains changes from the previous version in section(s): 1.

**Abbreviations and acronyms**

CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Regulations concerning the international carriage of dangerous goods by rail
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
VOC: Volatile Organic Compounds
SVHC: Substance of Very High Concern
For abbreviations and acronyms, see table at http://abbrev.esdscom.eu

**Relevant H and EUH statements (number and full text)**

| | |
|---|---|
| H226 | Flammable liquid and vapour. |
| H301 | Toxic if swallowed. |
| H310 | Fatal in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H330 | Fatal if inhaled. |
| H336 | May cause drowsiness or dizziness. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| EUH071 | Corrosive to the respiratory tract. |

**Further Information**

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.

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