

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008
This SDS is for generic information purposes and does not reflect required country specific
information for OEL

687099 - 5in1 instant gasket black
Supersedes Date: 21-Oct-2022

Revision date 25-Jan-2023
Revision Number 1.06

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

1.1. Product identifier

Product Name 687099 - 5in1 instant gasket black
Unique formula identifier (UFI) 8HWC-HY91-110D-MA6H
Form This substance/ mixture contains nanoforms
Other means of identification

Pure substance/mixture Mixture

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

Recommended use Sealant Building and construction work

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Company Name
Maumo international B.V.
P.O. Box 441
2990 AK Barendrecht
Nederland
Info@maumo.nl
Tel. +31 (0) 180 699 234
Fax +31 (0) 180 699 235

Email: info@maumo.nl

1.4. Emergency telephone number

Emergency Telephone

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

| | |
|--------------------------|---------------------|
| Chronic aquatic toxicity | Category 3 - (H412) |
| Aerosols | Category 3 - (H229) |

2.2. Label elements

Signal word
Warning

Hazard statements
H412 - Harmful to aquatic life with long lasting effects
H229 - Pressurised container: May burst if heated

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Precautionary Statements - EU (§28, 1272/2008)

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P251 - Do not pierce or burn, even after use

P273 - Avoid release to the environment

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

Small amounts of acetic acid (CAS 64-19-7) are formed by hydrolysis and released upon curing.

PBT & vPvB

This mixture contains substances considered to be persistent, bio-accumulating and toxic (PBT). This mixture contains substances considered to be very persistent and very bioaccumulating (vPvB).

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

| Chemical name | EC No (EU Index No). | CAS No. | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) | REACH registration number |
|--|-----------------------------|------------|--|------------------------------------|----------|----------------------|---------------------------|
| Triacetoxypolypropylsilane 1 - <2.5 % | 241-816-9 | 17865-07-5 | Skin Corr. 1B (H314) (EUH071) | - | - | - | 01-2119966899-07-XXXX |
| Octamethylcyclotetrasiloxane [D4] 0.01 - < 0.05 % | (014-018-00-1) 209-136-7 | 556-67-2 | Repr. 2 (H361f) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) PBT vPBT | - | 10 | 10 | 01-2119529238-36-XXXX |

Air contaminants formed when using the substance or mixture as intended

| Chemical name | EC No (EU Index No) | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) | REACH registration number |
|------------------------|-----------------------------|----------|---|---|----------|----------------------|---------------------------|
| Acetic acid 64-19-7 | (607-002-00-6) 200-580-7 | 1 - <2.5 | Skin Corr. 1A (H314) Flam. Liq. 3 (H226) | Eye Irrit. 2 :: 10%≤C<25% Skin Corr. 1A :: C≥90% Skin Corr. 1B :: 25%≤C<90% Skin Irrit. 2 :: 10%≤C<25% | - | - | 01-211947532 8-30-XXXX |

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATE_{mix}) for classifying a mixture based on its components

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| Chemical name | EC No (EU Index No) | CAS No | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|-----------------------------------|-----------------------------|------------|-----------------|-------------------|---|--|--------------------------------------|
| Triacetoxypolypropylsilane | 241-816-9 | 17865-07-5 | - | - | - | - | - |
| Octamethylcyclotetrasiloxane [D4] | (014-018-00-1) 209-136-7 | 556-67-2 | - | - | - | - | - |

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---|--|
| General advice | Show this safety data sheet to the doctor in attendance. If medical advice is needed, have product container or label at hand. |
| Inhalation | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. |
| Eye contact | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist. |
| Skin contact | In the case of skin irritation or allergic reactions see a doctor. Wash skin with soap and water. |
| Ingestion | Do NOT induce vomiting. If swallowed, call a poison control centre or physician immediately. |
| Self-protection of the first aider | Wear personal protective clothing (see section 8). |

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

| | |
|-----------------|-------------|
| Symptoms | None known. |
|-----------------|-------------|

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|------------------------|------------------------|
| Note to doctors | Treat symptomatically. |
|------------------------|------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|---------------------------------------|---|
| Suitable Extinguishing Media | Water spray, carbon dioxide (CO ₂), dry chemical, alcohol-resistant foam. |
| Unsuitable extinguishing media | Full water jet. |

5.2. Special hazards arising from the substance or mixture

| | |
|---|---|
| Specific hazards arising from the chemical | Thermal decomposition can lead to release of irritating gases and vapours. Containers may explode when heated. |
| Hazardous combustion products | Carbon oxides. Carbon dioxide (CO ₂). Sulphur oxides. Silicon dioxide. Thermal decomposition can lead to release of irritating and toxic gases and vapours. |

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5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required. Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Keep out of drains, sewers, ditches and waterways. Do not scatter spilled material with high pressure water streams.

Methods for cleaning up Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Avoid breathing dust/fume/gas/mist/vapours/spray. Use personal protection equipment. Ensure adequate ventilation. Do not puncture or incinerate cans. Contents under pressure.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Take off all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Protect from moisture. Keep away from food, drink and animal feedingstuffs. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep/store only in original container. Store in a dry place. Store in a closed container. Store in accordance with the particular national regulations.

Recommended storage temperature Keep at temperatures between 10 and 35 °C.

7.3. Specific end use(s)

Specific use(s)
Building and construction work. Sealant.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits Small amounts of acetic acid (CAS 64-19-7) are formed by hydrolysis and released upon curing

Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.

| Chemical name | European Union |
|------------------------|--|
| Acetic acid 64-19-7 | TWA: 25 mg/m ³ TWA: 10 ppm STEL: 50 mg/m ³ STEL: 20 ppm |

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC)

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

| | |
|---------------------------------|---|
| Eye/face protection | Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166. |
| Hand protection | Wear suitable gloves. Recommended Use: Neoprene™. Nitrile rubber. Butyl rubber. Glove thickness > 0.7mm. The breakthrough time for the mentioned glove material is in general greater than 480 min. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374 |
| Skin and body protection | None under normal use conditions. |
| Respiratory protection | In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN 140 with Type A/P2 filter or better. Ensure adequate ventilation, especially in confined areas. |
| Recommended filter type: | Organic gases and vapours filter conforming to EN 14387. White. Brown. |

Environmental exposure controls Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|------------------------|--------------------------|
| Physical state | Aerosol |
| Appearance | Paste |
| Colour | Black |
| Odour | Acetic acid. |
| Odour threshold | No information available |

| Property | Values | Remarks • Method |
|--|------------------------------|------------------|
| Melting point / freezing point | No data available | None known |
| Initial boiling point and boiling range | No data available | None known |
| Flammability | Not applicable for liquids . | |
| Flammability Limit in Air | | None known |
| Upper flammability or explosive limits | No data available | |
| Lower flammability or explosive | No data available | |

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| | | |
|---------------------------------|--|-------------------------------------|
| limits | | |
| Flash point | . °C | None known |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | | None known |
| pH | No data available | Not applicable. Insoluble in water. |
| pH (as aqueous solution) | No data available | None known |
| Kinematic viscosity | > 21 mm ² /s | |
| Dynamic viscosity | No data available | |
| Water solubility | No data available. Product cures with moisture | |
| Solubility(ies) | No data available | None known |
| Partition coefficient | No data available | None known |
| Vapour pressure | No data available | None known |
| Relative density | No data available | None known |
| Bulk Density | No data available | |
| Liquid Density | 1.22 g/cm ³ | |
| Relative vapour density | No data available | None known |
| Particle characteristics | | |
| Particle Size | No information available | |
| Particle Size Distribution | No information available | |

9.2. Other information

| | |
|-------------------|--------------------------|
| Solid content (%) | No information available |
| VOC content | No data available |

9.2.1. Information with regards to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Product cures with moisture.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

| | |
|----------------------------------|-------|
| Sensitivity to mechanical impact | None. |
| Sensitivity to static discharge | None. |

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Heating causes rise in pressure with risk of bursting.

10.4. Conditions to avoid

Conditions to avoid Protect from moisture. Exposure to air or moisture over prolonged periods. Do not freeze. Keep away from open flames, hot surfaces and sources of ignition. Extremes of temperature and direct sunlight.

10.5. Incompatible materials

Incompatible materials Strong oxidising agents. Incompatible with oxidising agents.

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10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Stable under recommended storage conditions.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

| | |
|--------------|---|
| Inhalation | Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. |
| Eye contact | Based on available data, the classification criteria are not met. |
| Skin contact | Based on available data, the classification criteria are not met. |
| Ingestion | Based on available data, the classification criteria are not met. |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 86,862.50 mg/kg

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|
| Octamethylcyclotetrasiloxane [D4] | LD50 > 4800 mg/kg (Rattus) OECD 401 | LD50 > 2400 mg/kg (Rattus) OECD 402 | =36 g/m ³ (Rattus) 4 h |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation The assessment of the result of testing was done in accordance with the guideline of the Commission 92/ 69/ EEC.

| Method | Species | Exposure route | Effective dose | Exposure time | Results |
|--------|---------|----------------|----------------|---------------|-----------------------------------|
| | Rabbit | Dermal | | 6 | Product score <=1 Non-irritant |
| | Rabbit | Dermal | | 6 | Product score <=1 Non-irritant |
| | Rabbit | Dermal | | 6 days | Product score <=1 Non-irritant |

Serious eye damage/eye irritation By analogy to another tested similar product: No irritation after contact to the eyes. (H319 is void). The assessment of the result of testing was done in accordance with the guideline of the Commission 92/ 69/ EEC.

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| Method | Species | Exposure route | Effective dose | Exposure time | Results |
|--------|---------|----------------|----------------|---------------|-------------------------------------|
| | Rabbit | eye | | 6 days | Product score ≤1 Non-irritant |

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

| Chemical name | European Union |
|-----------------------------------|----------------|
| Octamethylcyclotetrasiloxane [D4] | Repr. 2 |

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.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Harmful to aquatic life with long lasting effects.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea | M-Factor | M-Factor (long-term) |
|---|---|--|----------------------------|--|----------|----------------------|
| Triacetoxyp(ropyl)silane 17865-07-5 | EC50 (72h): approx. 24 mg/l(Pseudokirc henriella subpicata) | LC50 (96h) = 108.89 mg/L | - | EC50 (48h) = 89.59 mg/L | | |
| Octamethylcyclotetrasil oxane [D4] 556-67-2 | - | LC50: >1000mg/L (96h, Lepomis macrochirus) LC50: >500mg/L (96h, | - | EC50: =25.2mg/L (24h, Daphnia magna) | 10 | 10 |

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| | | | | | | |
|--|--|-----------------------|--|--|--|--|
| | | Brachydanio rerio) | | | | |
|--|--|-----------------------|--|--|--|--|

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

| Chemical name | Partition coefficient |
|-----------------------------------|-----------------------|
| Triacetoxyp(ropyl)silane | 1.23 |
| Octamethylcyclotetrasiloxane [D4] | 6.49 |

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product contains substance(s) classified as PBT or vPvB.

| Chemical name | PBT and vPvB assessment |
|-----------------------------------|---------------------------------|
| Triacetoxyp(ropyl)silane | The substance is not PBT / vPvB |
| Octamethylcyclotetrasiloxane [D4] | PBT / vPvB substance |

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|-------------------------------------|--|
| Waste from residues/unused products | Dispose of in accordance with local regulations. Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable. |
| Contaminated packaging | Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Handle contaminated packages in the same way as the product itself. |
| European Waste Catalogue | 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances 15 01 04 metallic packaging 16 05 04* gases in pressure containers (including halons) containing dangerous substances |
| Other information | Waste codes should be assigned by the user based on the application for which the product was used. |

SECTION 14: Transport information

Land transport (ADR/RID)

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| | |
|---------------------------------|--------------------------|
| 14.1 UN number or ID number | UN1950 |
| 14.2 Proper Shipping Name | Aerosols |
| 14.3 Transport hazard class(es) | 2 |
| Labels | 2.2 |
| 14.4 Packing group | Not regulated |
| Description | UN1950, Aerosols, 2, (E) |
| 14.5 Environmental hazards | Not applicable |
| 14.6 Special Provisions | 327, 625, 344, 190 |
| Classification code | 5A |
| Tunnel restriction code | (E) |
| Limited quantity (LQ) | 1 L |

IMDG

| | |
|--|----------------------------------|
| 14.1 UN number or ID number | UN1950 |
| 14.2 Proper Shipping Name | Aerosols |
| 14.3 Transport hazard class(es) | 2.2 |
| 14.4 Packing group | Not regulated |
| Description | UN1950, Aerosols, 2.2 |
| 14.5 Marine pollutant | NP |
| 14.6 Special Provisions | 63, 190, 277, 327, 344, 381, 959 |
| Limited Quantity (LQ) | See SP277 |
| EmS-No | F-D, S-U |
| 14.7 Maritime transport in bulk according to IMO instruments | Not applicable |

Air transport (ICAO-TI / IATA-DGR)

| | |
|---------------------------------|--------------------------------------|
| 14.1 UN number or ID number | UN1950 |
| 14.2 Proper Shipping Name | Aerosols, non-flammable |
| 14.3 Transport hazard class(es) | 2.2 |
| 14.4 Packing group | Not regulated |
| Description | UN1950, Aerosols, non-flammable, 2.2 |
| 14.5 Environmental hazards | Not applicable |
| 14.6 Special Provisions | A145, A167, A98, A802 |
| Limited quantity (LQ) | 30 kg G |
| ERG Code | 2L |

Section 15: REGULATORY INFORMATION

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

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Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Persistent Organic Pollutants

Not applicable

National regulations

France

Germany

Ordinance on Industrial Safety and Health - Germany - BetrSichV

No flammable liquids in accordance with BetrSichV

Water hazard class (WGK) obviously hazardous to water (WGK 2)

TRGS - 510 Storage Class Storage Class 2B : Aerosols

Netherlands

List of Carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW (Netherlands)

Not Listed

| Chemical name | Netherlands - List of Carcinogens |
|---|-----------------------------------|
| Octamethylcyclotetrasiloxane [D4] 556-67-2 | Fertility (Category 2) |

Denmark

Registration number(s) (P-no.) No information available

Norway

Registration number(s) (PRN-no.) No information available

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture.

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

EUH071 - Corrosive to the respiratory tract

H226 - Flammable liquid and vapour

H314 - Causes severe skin burns and eye damage

H361f - Suspected of damaging fertility

H410 - Very toxic to aquatic life with long lasting effects

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SVHC: Substances of Very High Concern for Authorisation:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE: Specific target organ toxicity - Repeated exposure
STOT SE: Specific target organ toxicity - Single exposure
EWC: European Waste Catalogue
LOW: List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA: International Air Transport Association
ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG: International Maritime Dangerous Goods
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

Legend SECTION 8: Exposure controls/personal protection

| | | | |
|---------|-----------------------------------|------|----------------------------------|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| AGW | Occupational exposure limit value | BGW | Biological limit value |
| Ceiling | Maximum limit value | * | Skin designation |

| Classification procedure | |
|---|-----------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used |
| Acute oral toxicity | Calculation method |
| Acute dermal toxicity | Calculation method |
| Acute inhalation toxicity - gas | Calculation method |
| Acute inhalation toxicity - Vapour | Calculation method |
| Acute inhalation toxicity - dust/mist | Calculation method |
| Skin corrosion/irritation | On basis of test data |
| Serious eye damage/eye irritation | On basis of test data |
| Respiratory sensitisation | On basis of test data |
| Skin sensitisation | On basis of test data |
| mutagenicity | Calculation method |
| Carcinogenicity | Calculation method |
| Reproductive toxicity | Calculation method |
| STOT - single exposure | Calculation method |
| STOT - repeated exposure | Calculation method |
| Acute aquatic toxicity | Calculation method |
| Chronic aquatic toxicity | Calculation method |
| Aspiration hazard | Calculation method |
| Ozone | Calculation method |
| Flammable aerosol | On basis of test data |

Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGl(s))
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
NIOSH (National Institute for Occupational Safety and Health)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set

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Training Advice No information available

Further information No information available

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

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet