

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

1.1. Product identifier

Product form : Mixture
Trade name : Parasilico AM 85-1

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

1.2.1. Relevant identified uses

Main use category : Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

DL CHEMICALS
Roterijstraat 201-203
B-8793 Waregem - Belgium
T + 32 56 62 70 51 - F + 32 56 60 95 68
info@dl-chem.com - www.dl-chem.com

1.4. Emergency telephone number

Emergency number : + 32 70 245 245

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

EUH-statements : EUH208 - Contains Methyl tris-(methyl ethyl ketoximo) silane, 3-(2-aminoethylamino)propyltrimethoxysilane, 3-aminopropyltriethoxysilane, Tetrakis(methylethylketoximino)silane. May produce an allergic reaction
EUH210 - Safety data sheet available on request

2.3. Other hazards

No additional information available

Parasilico AM 85-1

Safety Data Sheet

according to Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|-----------|---|
| Methyl tris-(methyl ethyl ketoximo) silane | (CAS No) 22984-54-9 (EC no) 245-366-4 (REACH-no) 01-2119987100-43 | 0,1 - 2,5 | Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 2, H373 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|--|---|---------------------------------|
| Methyl tris-(methyl ethyl ketoximo) silane | (CAS No) 22984-54-9 (EC no) 245-366-4 (REACH-no) 01-2119987100-43 | (C >= 3,755) Skin Sens. 1, H317 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove victim to fresh air.
- First-aid measures after skin contact : After contact with skin, wash immediately and thoroughly with water and soap.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Seek medical attention if ill effect or irritation develops.
- First-aid measures after ingestion : Rinse mouth.

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

- Symptoms/injuries after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Symptoms/injuries after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- Symptoms/injuries after eye contact : Direct contact with the eyes is likely slightly irritating.
- Symptoms/injuries after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : All extinguishing media allowed.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

- Precautionary measures fire : Exercise caution when fighting any chemical fire. Evacuate unnecessary personnel. Do not breathe fumes from fires or vapours from decomposition.
- Firefighting instructions : Cool down the containers exposed to heat with a water spray.
- Protection during firefighting : Wear a self contained breathing apparatus.
- Other information : Do not allow run-off from fire fighting to enter drains or water courses.

Parasilico AM 85-1

Safety Data Sheet

according to Regulation (EU) 2015/830

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear respiratory protection. Equip cleanup crew with proper protection.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling temperature : 5 - 40 °C

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry, well-ventilated area.

Maximum storage period : 12 months

Storage temperature : 5 - 25 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Titanium dioxide (13463-67-7) | | |
|---|--------------------------------|--|
| United Kingdom | WEL TWA (mg/m ³) | 10 mg/m ³ inhalable dust 4 mg/m ³ respirable dust |
| Natural, ground calcium carbonate (1317-65-3) | | |
| United Kingdom | WEL TWA (mg/m ³) | 10 mg/m ³ inhalable 4 mg/m ³ respirable |
| methanol (67-56-1) | | |
| EU | IOELV TWA (mg/m ³) | 260 mg/m ³ |
| EU | IOELV TWA (ppm) | 200 ppm |
| EU | Skin | |
| United Kingdom | WEL TWA (mg/m ³) | 266 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 200 ppm |
| United Kingdom | WEL STEL (mg/m ³) | 333 mg/m ³ |
| United Kingdom | WEL STEL (ppm) | 250 ppm |

8.2. Exposure controls

Personal protective equipment : Gloves. Safety glasses.

Hand protection:

| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
|-------------------|----------------|------------------|----------------|-------------|----------|
| Disposable gloves | Nitrile rubber | 3 (> 60 minutes) | > 0,3 | | EN 374 |

Eye protection:

| Type | Use | Characteristics | Standard |
|----------------|---------|-------------------|----------|
| Safety glasses | Droplet | With side shields | EN 166 |

Skin and body protection:

Parasilico AM 85-1

Safety Data Sheet

according to Regulation (EU) 2015/830

No special clothing/skin protection equipment is recommended under normal conditions of use

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

| Device | Filter type | Condition | Standard |
|----------|-------------|--|----------|
| Gas mask | ABEK | If conc. in air > exposure limit, Long term exposure | |



Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|----------------|---------------------------------------|
| Physical state | : Liquid |
| Appearance | : Paste. |
| Colour | : According to product specification. |
| Odour | : characteristic. |
| Density | : 1,39 g/ml |
| Solubility | : Water: Negligible. |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9) | |
|---|--------------------------------|
| LD50 oral rat | 2463 mg/kg (OECD 401 method) |
| LD50 dermal rat | > 2000 mg/kg (OECD 402 method) |

| | |
|-----------------------------------|------------------|
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |

| Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9) | |
|---|---|
| NOAEL (chronic, oral, animal/male, 2 years) | > 692,06 mg/kg bodyweight (OECD 414 method) |
| NOAEL (chronic, oral, animal/female, 2 years) | > 230,69 mg/kg bodyweight (OECD 416 method) |

Parasilico AM 85-1

Safety Data Sheet

according to Regulation (EU) 2015/830

| | |
|--|------------------|
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

| | |
|----------------------------|---|
| NOAEL (oral, rat, 90 days) | 29 mg/kg bodyweight/day (OECD 408 method) |
|----------------------------|---|

| | |
|-------------------|------------------|
| Aspiration hazard | : Not classified |
|-------------------|------------------|

SECTION 12: Ecological information

12.1. Toxicity

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

| | |
|--------------------|---|
| LC50 fish 1 | > 100 (120) mg/l Oncorhynchus mykiss (Rainbow trout) |
| LC50 fish 2 | 972,34 mg/l (OECD 203 method) |
| EC50 Daphnia 1 | 231,84 mg/l (OECD 202 method) |
| EC50 72h algae (1) | 18,45 mg/l (OECD 201 method) |
| ErC50 (algae) | 72h 94 mg/l Pseudokirchneriella subcapitata |
| NOEC (acute) | 57,67 mg/l (OECD 204 method) |
| NOEC (chronic) | >= 115,34 mg/l (OECD 211 method) |

12.2. Persistence and degradability

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

| | |
|----------------|-----------------------------|
| Biodegradation | 28d 20 % (OECD 301C method) |
|----------------|-----------------------------|

12.3. Bioaccumulative potential

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

| | |
|---------|------|
| Log Pow | 9,83 |
|---------|------|

12.4. Mobility in soil

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

| | |
|---------|---|
| Log Koc | 5,481 EPA (Environmental Protection Agency) |
|---------|---|

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|-----------------------------------|--|
| Regional legislation (waste) | : Disposal must be done according to official regulations. |
| European List of Waste (LoW) code | : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances 08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09 |

SECTION 14: Transport information

In accordance with ADR

ADR

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

No supplementary information available

Parasilico AM 85-1

Safety Data Sheet

according to Regulation (EU) 2015/830

14.6. Special precautions for user

- Overland transport

Transport regulations (ADR) : Not classified

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

| | |
|--------------|---|
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Skin Sens. 1 | Sensitisation — Skin, Category 1 |
| STOT RE 2 | Specific target organ toxicity — Repeated exposure, Category 2 |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| EUH208 | Contains . May produce an allergic reaction |
| EUH210 | Safety data sheet available on request |

MSDS Reach Annex II DL-Chem

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product