

Flash Professional All Purpose Cleaner Morning Dew

Safety Data Sheet

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

3.2. Mixture

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---------------------|---|-------|---|
| C9-11 Pareth-8 | (CAS No) 68439-46-3 (EC no) Polymer | 1 - 5 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 |
| Deceth-8 | (CAS No) 26183-52-8 (EC no) Polymer | 1 - 5 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 |
| Benzisothiazolinone | (CAS No) 2634-33-5 (EC no) 220-120-9 (EC index no) 613-088-00-6 | < 1 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 |

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 | : IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. |
| First-aid measures after skin contact | : IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention. Discontinue use of product. |
| First-aid measures after eye contact | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. |
| First-aid measures after ingestion | : IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. |

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

| | |
|--------------------------------------|---|
| Symptoms/injuries after inhalation | : Coughing. sneezing. |
| Symptoms/injuries after skin contact | : Redness. Swelling. dryness. Itching. |
| Symptoms/injuries after eye contact | : Pain. Redness. Swelling. |
| Symptoms/injuries after ingestion | : Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhoea. |

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

Refer to section 4.1.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

| | |
|------------------|------------------------------------|
| Fire hazard | : No fire hazard. Non combustible. |
| Explosion hazard | : Product is not explosive. |
| Reactivity | : No dangerous reactions known. |

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Firefighting instructions | : No specific firefighting instructions required. |
| Protection during firefighting | : In case of inadequate ventilation wear respiratory protection. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves and eye/face protection.

6.1.2. For emergency responders

Protective equipment : Wear suitable gloves and eye/face protection.

6.2. Environmental precautions

Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| For containment | : Scoop absorbed substance into closing containers. |
| Methods for cleaning up | : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Large spills: contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation. |

6.4. Reference to other sections

Refer to Sections 8 and 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Refer to section 10.
Incompatible products : Refer to section 10.
Incompatible materials : Refer to section 10.
Prohibitions on mixed storage : Not applicable.
Storage area : Store in a cool area. Store in a dry area.

7.3. Specific end use(s)

Refer to section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National limit values

No additional information available

8.1.2. Monitoring procedures: DNELS, PNECS, OEL

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls : No additional information available
8.2.2. Personal protective equipment
Eye protection : Wear eye/face protection.
Skin and body protection : Not applicable.
Respiratory protection : Not applicable.
Thermal hazard protection : Not applicable.
8.2.3. Environmental exposure controls
Prevent that the undiluted product reaches surface waters.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Property | Value | Unit | Test method/Notes |
|--|---------------------|------|--|
| Appearance | Liquid. | | |
| Physical state | Liquid | | |
| Colour | Coloured. | | |
| Odour | pleasant (perfume). | | |
| Odour threshold | | ppm | Perceived odor at typical use conditions |
| pH | 10.3 | | |
| Melting point | | °C | Not available. This property is not relevant for the safety and classification of this product |
| Freezing point | | | Not available. This property is not relevant for the safety and classification of this product |
| Boiling point | 100 - 105 | °C | TMR. A.2. |
| Flash point | | | No flash point till boiling - TMR. A.9. |
| Relative evaporation rate (butylacetate=1) | | | Not available. This property is not relevant for the safety and classification of this product |
| Flammability (solid, gas) | | | Not applicable. This property is not relevant for liquid product forms |

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| Property | Value | Unit | Test method/Notes |
|---------------------------|--|------------------|--|
| Explosive limits | | g/m ³ | Not available. This property is not relevant for the safety and classification of this product |
| Vapour pressure | | | Not available. This property is not relevant for the safety and classification of this product |
| Relative density | 1.009 | | |
| Solubility | Soluble in water. | | |
| Log Pow | | | Not applicable. This property is not relevant for mixtures |
| Auto-ignition temperature | | | Not available. This property is not relevant for the safety and classification of this product |
| Decomposition temperature | | °C | Not available. This property is not relevant for the safety and classification of this product |
| Viscosity | 5 | cP | |
| Explosive properties | Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)). | | |
| Oxidising properties | Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2)). | | |

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

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Not required for normal conditions of use.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1. Mixture

| Flash Professional All Purpose Cleaner Morning Dew | |
|--|--------------------------------|
| Acute toxicity | Not classified (*) |
| Skin corrosion/irritation | Not classified (*) |
| Serious eye damage/irritation | Causes serious eye irritation. |
| Respiratory or skin sensitisation | Not classified (*) |
| Germ cell mutagenicity | Not classified (*) |
| Carcinogenicity | Not classified (*) |
| Reproductive toxicity | Not classified (*) |
| Specific target organ toxicity (single exposure) | Not classified (*) |
| Specific target organ toxicity (repeated exposure) | Not classified (*) |
| Aspiration hazard | Not classified (*) |

(*) Based upon available data of the substances and/or the product, product classification criteria are not met. See Section 2 and Section 16 for applicable hazard classification and classification procedure, respectively.

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11.1.2. Substances in the mixture

Acute toxicity:

| C9-11 Pareth-8 (68439-46-3) | |
|--|--------------------|
| LD50 oral rat | >300-2000 mg/kg bw |
| Benzisothiazolinone (2634-33-5) | |
| LD50 oral rat | >300-2000 mg/kg bw |
| Deceth-8 (26183-52-8) | |
| LD50 oral rat | >300-2000 mg/kg bw |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

| Benzisothiazolinone (2634-33-5) | |
|--|---|
| LC50 fishes 1 | 1.9 mg/l |
| EC50 Daphnia 1 | 3.7 mg/l |
| LC50 fish 2 | 0.19 mg/l |
| EC50 Daphnia 2 | 1.9 mg/l Mysid shrimp (Mysidopsis bahia) 96 h |
| ErC50 (algae) | 0.38 mg/l |
| ErC50 (other aquatic plants) | 0.4 mg/l |
| Deceth-8 (26183-52-8) | |
| LC50 fishes 1 | 10 mg/l |
| EC50 Daphnia 1 | 10 mg/l |
| EC50 other aquatic organisms 1 | 140 mg/l |
| ErC50 (algae) | 10 mg/l |

12.2. Persistence and degradability

| Deceth-8 (26183-52-8) | |
|-------------------------------|--|
| Persistence and degradability | The substance is biodegradable. Unlikely to persist. |
| Biodegradation | > 60 % |

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

| Deceth-8 (26183-52-8) | |
|------------------------------|---------------|
| Mobility in soil | 2000 (≥ 5000) |

12.5. Results of PBT and vPvB assessment

| Flash Professional All Purpose Cleaner Morning Dew | |
|---|---|
| Results of PBT assessment | No presence of PBT and vPvB ingredients |

12.6. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- 13.1.1. Regional legislation (waste) : Disposal must be done according to official regulations.
- 13.1.2. Disposal recommendations : The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. The waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. Where possible recycling is preferred to disposal or incineration. For handling waste, see measures described in section 7. Empty, uncleaned packaging need the same disposal considerations as filled packaging.
- 13.1.3. EURAL Waste code product : 20 01 29* - detergents containing dangerous substances
15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1. UN number

Not applicable

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14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

Ingredient label : <5% Non-ionic surfactants, Soap; Glutaral, Benzisothiazolinone, Perfumes, Hydroxycitronellal, Hydroxyisohexyl 3-cyclohexene carboxaldehyde, Limonene, Linalool.

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

CESIO recommendations : The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Other information, restriction and prohibition regulations : Classification according to Regulation (EC) No. 1272/2008 [CLP]. Regulation (EC) No. 648/2004 of 31 March 2004 on detergents. Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

16.1. Indication of changes

Indication of changes : Not applicable

16.2. Abbreviations and acronyms

LC50: Lethal Concentration to 50 % of a test population. LD50: Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance. PNEC(s): Predicted No Effect Concentration(s). vPvB: Very Persistent and Very Bioaccumulative. DNEL: Derived-No Effect Level.

16.3. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

| Classification according to Regulation (EC) No. 1272/2008 [CLP] | classification procedure |
|---|--------------------------|
| Eye Irrit. 2 | Calculation method |

16.4. Relevant R-phrases and/or H-statements (number and full text) for mixture and substances

| | |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment — AcuteHazard, Category 1 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Sensitisation — Skin, category 1 |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |

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| | |
|------|----------------------------|
| H400 | Very toxic to aquatic life |
|------|----------------------------|

16.5. Training advice

Normal use of this product shall imply use in accordance with the instructions on the packaging.

16.6. Further information

Salts listed in Section 3 without a REACH Registration number are exempt, based on Annex V

SDS P&G CLP

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