**SAFETY DATA SHEET – DS084**

**(Milk Line Frother Cleaner)**

**1. Identification of the Preparation and of the Company**

1.1 Identification of the Preparation:

 Milk Line Frother Cleaner PN905

1.2 Company Identification

 Maclin Group (Division of Maclin Sourcing Solutions Ltd)

 Unit A3, Risby Business Park, Newmarket Rd., Risby, Suffolk, IP28 6RD, United Kingdom

 Telephone: +44 (0) 1284 810 887

 Facsimile: +44 (0) 1284 811 908

**2. Hazards Identification**

2.1 Classification of the substance or mixture:

 Classification under CLP: Eye Irrit. 2: H319; Skin Irrit. 2: H315

 Most important adverse effects: Causes skin irritation. Causes serious eye irritation.

**2.2 Label Element:**

 GHS Symbols:

Min 10mm sides

 GHS Signal Word: WARNING

Precautionary Statements:

 P264: Wash hands thoroughly after handling.

 P337+313: If eye irritation persists: Get medical advice/attention.

 P280: Wear protective gloves/protective clothing/eye protection/face protection.

 P304+345+338: IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if

 present and easy to do. Continue rinsing.

 P303+352: IF ON SKIN: Wash with plenty of water.

 P332+313: If skin irritation occurs: Get medical advice/attention.

 P362: Take off contaminated clothing.

 P102: Keep out of reach of children.

2.2: **Other hazards**:

 PBT: This product is not identified as a PBT/vPvB substance.

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**3. Composition/Information on Ingredients**

**3.2 Mixtures**

 **Hazardous Ingredients:**

 TETRAPOSTASSIUM PYROPHOSPHATE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **EINECS** | **CAS** | **PBT/WEL** | **CLP CLASSIFICTION** | **PERCENT** |
| - | 7320-34-5 | - | Eye Irrit. 2: H319 | 10-30% |

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| --- | --- | --- | --- | --- |
| - | 68608-68-4 | - | Eye Irrit. 2:H319 | 1-10% |

 SODIUM LAURETH SULPHATE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| - | 68891-38-3 | - | Eye Dam. 1: H318; Skin Irrit.2: H315; Aquatic Chronic3: H412 | 1-10% |

**4. First Aid Measures (Solution):**

**4.1 Description of first aid measures**

 **Skin Contact**: Remove all contaminated clothes and footwear immediately unless stuck to skin.

 Wash immediately with plenty of soap and water.

 **Eye Contact**: Bathe the eye with running water for 15 minutes. Transfer to hospital for

 Specialist examination.

 **Ingestion**: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of

 Water to drink immediately. Consult a doctor.

 **Inhalation**: No significant hazard unless in aerosol formation.

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

 **Skin Contact**: There may be irritation and redness at the site of contact.

 **Eye Contact**: There may be pain and redness. The eyes may water profusely. There may be

 severe pain. The vision may become blurred. May cause permanent damage.

 **Ingestion**: There may be soreness and redness of the mouth and throat. Nausea and stomach pain

 may occur.

 **Inhalation**: There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed/Immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate/Special treatment:** Eye bathing should be available on the premises.

**5. Fire Fighting Measures**

5.1 Extinguishing Media

 Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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5.2 Special hazards arising from the substance or mixture

 Exposure hazards: In combustion emits toxic fumes.

5.3 Advice for fire-fighters

 Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. Accidental Release Measures**

6.1 **Personal precautions, protective equipment and emergency procedures**

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised
personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 **Environmental precautions**

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 **Methods and material for containment and cleaning up**

Clean-up procedures:Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal
 by an appropriate method.

6.4 **Reference to other Sections**

Refer to section 8 of SDS

**7. Handling & Storage**

7.1 Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

 Avoid the formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities

 Storage Conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3 Specific end use(s)

 No data available

**8. Exposure Controls/Personal Protection**

8.1 Control Parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values: No data available

8.2 Exposure controls

 Engineering measures: Ensure there is sufficient ventilation of the area

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Respiratory protection: Do not breathe vapour or spray. Local exhaust ventilation is recommended where

 Excessive product misting occurs.

 Hand protection: Protective Gloves

 Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

 Skin protection: Protective clothing.

**9. Physical & Chemical Properties**

9.1 Information on basic physical and chemical properties

 State: Liquid

 Colour: Blue

 Odour: Perceptible odour

 Solubility in water: Miscible

9.2Other information

No data available.

**10. Stability & Reactivity**

10.1 Reactivity: Stable under recommended transport or storage conditions.

10.2 Chemical Stability: Stable under normal conditions

10.3 Possibility of hazardous reactions:

 Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may

 Occur on exposure to conditions or materials listed below.

10.4 Conditions to Avoid: Heat.

10.5 Incompatible materials:

Materials to avoid: Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products: In combustion emits toxic fumes.

**11. Toxicological Information**

11.1 Information on toxicological effects

 Hazardous ingredients:

 TETRAPOTASSIUM PYROPHOSPHATE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ORAL | RAT | LD50 | >2000 | mg/l |

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| --- | --- | --- | --- | --- |
| ORAL | - | LD50 | >5000 | mg/kg |

 Relevant hazards for substance:

|  |  |  |
| --- | --- | --- |
| Hazard | Route | Basis |
| Skin corrosion/ Irritation | DRM | Hazardous: calculated |
| Serious eye damage/irritation | OPT | Hazardous: calculated |

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 **Symptoms / routes of exposure:**

 **Skin contact:** There may be irritation and redness at the site of contact.

 **Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain.

 The vision may become blurred. May cause permanent damage.

 **Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may

 occur.

 **Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

 **Delayed/Immediate effects:** Immediate effects can be expected after short-term exposure.

**12. Ecological Information**

12.1 Toxicity

 Hazardous ingredients:

 TETRAPOTASSIUM PYROPHOSPHATE

|  |  |  |  |
| --- | --- | --- | --- |
| Daphnia magna | 48H EC50 | 10-100 | mg/l |

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| --- | --- | --- | --- |
| Algae | 48H EC50 | 8.2 | mg/l |
| Algae | 72H ErC50 | 18 | mg/l |
| Daphnia magna | 24H EC50 | 97.5 | mg/l |

12.2 Persistence and degradability: Biodegradable.

12.3 Biocaccumulative potential: No bioaccumulation potential.

12.4 Mobility in soil: Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment:

 This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects: Negligible ecotoxicity.

**13. Disposal Considerations**

13.1 Waste Treatement methods

 Disposal operations: Do not mix with other chemicals. Transfer to a suitable container and

 Arrange for collection by specialised disposal company.

 N.B.: The user’s attention is drawn to the possible existence of regional or national

 regulations regarding disposal.

**14. Transport Information**

 Transport Class: This product does not require a classification for transport.

**15. Regulatory Information**

|  |  |
| --- | --- |
| 15.1 Safety, health and environmental regulations: |  |
| 15.2 Chemical safety assessment N/A |
|  |
|  |
| **(Milk Line Frother Cleaner)** |

**16. Other Information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation
(EU) No. 453/2010.

**Phrases used in s.2 and s.3:** H315: Causes skin irritation.

 H310: Causes serious eye irritation.

**Legal Disclaimer:** The above information is believed to be correct but does not purport to be all
inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting form handling or from contact with t the above product.

Revision 1: 8th August 2018