

Safety Data Sheet,

Laundry Emulsifier

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

1.1. Product identifier

Product name LAUNDRY EMULSIFIER
Internal identification CK0127
Container size 20L

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

Identified uses Emulsifier.

1.3. Details of the supplier of the safety data sheet

Supplier: Worcestershire Chemicals Limited
Unit 6 Oakdale Trading Estate
Ham Lane
Kingswinford
DY6 7JH
Tel: +44 (0)1562 755884
info@chemi-kal.co.uk

1.4. Emergency telephone number

Emergency telephone In case of a medical emergency following exposure to a chemical, call NHS Direct via 111 (UK only).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Acute Tox. 4 - H302 Eye Dam. 1 - H318
Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H302 Harmful if swallowed.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements P264 Wash contaminated skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Contains ALCOHOLS, C12-C14, ETHOXYLATED

Supplementary precautionary statements P310 Immediately call a POISON CENTER/ doctor.
 P330 Rinse mouth.
 P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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|---------------------------------------|----------------------|
| ALCOHOLS, C12-C14, ETHOXYLATED | 10-30% |
| CAS number: 68439-50-9 | EC number: 500-213-3 |

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|-----------------------|--|
| Classification | Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412 |
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|---------------------|--|
| ETHANOL | 1-5% |
| CAS number: 64-17-5 | EC number: 200-578-6 |
| | REACH registration number: 01-2119457610-43-XXXX |

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|-----------------------|---------------------|
| Classification | Flam. Liq. 2 - H225 |
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| BRNOPOL (INN) | <1% |
| CAS number: 52-51-7 | EC number: 200-143-0 |
| | REACH registration number: 01-2119980938-15-XXXX |
| M factor (Acute) = 10 | |

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| Classification | Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 |
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The full text for all hazard statements is displayed in Section 16.

LAUNDRY EMULSIFIER

SECTION 4: First aid measures

4.1. Description of first aid measures

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| Inhalation | Unlikely route of exposure as the product does not contain volatile substances. |
| Ingestion | Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Do not induce vomiting. Get medical attention if any discomfort continues. |
| Skin contact | Wash skin thoroughly with soap and water. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Get medical attention if symptoms are severe or persist after washing. |

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

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|---------------------|---|
| Inhalation | The product is not believed to present a hazard due to its physical nature. |
| Ingestion | Harmful if swallowed. |
| Skin contact | No adverse effects known. |
| Eye contact | May cause serious eye damage. |

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

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| Notes for the doctor | No specific recommendations. |
| Specific treatments | Treat symptomatically. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

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| Suitable extinguishing media | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. |
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5.2. Special hazards arising from the substance or mixture

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| Specific hazards | None known. |
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5.3. Advice for firefighters

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| Protective actions during firefighting | Fight fire with normal precautions from a reasonable distance. Avoid breathing fire gases or vapours. |
| Special protective equipment for firefighters | Use protective equipment appropriate for surrounding materials. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| Personal precautions | Avoid contact with eyes. Take care as floors and other surfaces may become slippery. Do not touch or walk into spilled material. |
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6.2. Environmental precautions

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| Environmental precautions | The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. Avoid release to the environment. |
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6.3. Methods and material for containment and cleaning up

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| Methods for cleaning up | Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. |
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6.4. Reference to other sections

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| Reference to other sections | For waste disposal, see Section 13. |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with eyes and prolonged skin contact. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container. Keep containers upright. Store at temperatures between 0°C and 40°C.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2. Refer to Product Use Guide (PUG) for further information.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Not applicable.

Eye/face protection No specific eye protection required during normal use. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection No specific requirements are anticipated under normal conditions of use.

Hygiene measures No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection Not applicable. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Clear liquid.

Colour Yellowish.

Odour Almost odourless.

pH 6-8

Flash point Not applicable.

Relative density ~ 1.005 @ 20°C

Solubility(ies) Soluble in water.

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Auto-ignition temperature Not applicable.

Viscosity Not applicable.

Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information

Refractive index 22-24

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid No specific requirements are anticipated under normal conditions of use.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given is based on data of the components and of similar products.

Acute toxicity - oral

ATE oral (mg/kg) 1,851.85

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Inhalation

Considered to be a low inhalation hazard at normal workplace temperatures.

Ingestion

Harmful if swallowed.

Skin contact

Skin irritation should not occur when used as recommended.

Eye contact

Causes serious eye damage.

Route of exposure

Ingestion Skin and/or eye contact

Medical considerations

Pre-existing eye problems.

SECTION 12: Ecological information

Ecotoxicity The product contains a substance which is harmful to aquatic organisms and which may

cause long-term adverse effects in the aquatic environment.

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12.1. Toxicity

Toxicity Harmful to Aquatic Organisms

12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility Soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

Disposal methods Dispose of contents/container in accordance with local regulations. Following dilution, discharge to the sewer with plenty of water may be permitted.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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| Revision date | 25/05/2021 |
| Revision | 14 |
| Supersedes date | 09/03/2021 |
| SDS number | A34 |
| Hazard statements in full | H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H331 Toxic if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. |