

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: LAUROYL PEROXIDE
CAS number: 105-74-8
Product code: A67556
Synonyms: DI (DODECANOYL) PEROXIDE

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Company name: Philip Harris Ltd
2 Gregory Street
Hyde
Cheshire
SK14 4HR
United Kingdom
Tel: +44 (0)845 1200 506
Fax: +44 (0)161 367 2140
Email: enquiries@philipharris.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 845 1200 506

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CLP: Org. Perox. CD: H242

Classification under CHIP: O: R7

Most important adverse effects: Heating may cause a fire.

2.2. Label elements**Label elements under CLP:**

Hazard statements: H242: Heating may cause a fire.

Signal words: Danger

Hazard pictograms: GHS02: Flame



Precautionary statements: P210: Keep away from . - No smoking.

P220: away from.

SAFETY DATA SHEET

LAUROYL PEROXIDE

Page: 2

P280: Wear.

P410: Protect from sunlight.

P411+235: Store at temperatures not exceeding °C. Keep cool.

P501: Dispose of to.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: LAUROYL PEROXIDE

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. In case of skin reactions, consult a Doctor

Eye contact: Bathe the eye with running water for 15 minutes. Protect uninjured eye. Remove contact lenses, if present and easy to do. Consult a doctor.

Ingestion: Seek urgent medical attention.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Keep patient warm. Consult a doctor. If breathing is irregular or stopped, administer artificial respiration.

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

Skin contact: Irritant for skin and mucous membranes.

Eye contact: Causes serious eye irritation.

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: CO₂, Sand, Extinguishing Powder. Do not use water.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: If this product is involved in a fire, the following can be released: Carbon Monoxide and Carbon Dioxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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SAFETY DATA SHEET

LAUROYL PEROXIDE

Page: 3

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Collect mechanically.

6.4. Reference to other sections

Reference to other sections: See section 7. Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Keep containers tightly sealed. Store in cool, Dry place in tightly closed containers. Ensure good ventilation/exhaustion at the work place.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Do not store with organic materials. Store away from metal powders. Do not store together with reducing agents, heavy-metal compounds acids and alkalis. Store away from reducing agents.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.

Respiratory protection: Use breathing protection with high concentrations.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

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SAFETY DATA SHEET

LAUROYL PEROXIDE

Page: 4

9.1. Information on basic physical and chemical properties

State: Crystals

Colour: White

Odour: No data available

Evaporation rate: No data available

Oxidising: No data available

Solubility in water: Insoluble

Also soluble in: No data available.

Viscosity: No data available

Viscosity test method: No data available.

Melting point/range°C: 53-57°C

9.2. Other information

Other information: Density at 20°C : 0.91g/cm³

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: May cause fire.

10.2. Chemical stability

Chemical stability: Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: No decomposition if used and stored according to specifications.

10.5. Incompatible materials

Materials to avoid: Organic materials. Metal Powders.

10.6. Hazardous decomposition products

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: Irritant for skin and mucous membranes.

Eye contact: Causes serious eye irritation.

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

[cont...]

SAFETY DATA SHEET

LAUROYL PEROXIDE

Page: 5

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3106

14.2. UN proper shipping name

Shipping name: ORGANIC PEROXIDE, TYPE D, SOLID

14.3. Transport hazard class(es)

Transport class: 5.2

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: D

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SAFETY DATA SHEET

LAUROYL PEROXIDE

Page: 6

Transport category: 2

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

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

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: H242: Heating may cause a fire.

R7: May cause fire.

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 from handling or from contact with the above product.