

ISODECYL PELARGONATE



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

1.1 Product identifier

| | |
|---------------|----------------------|
| Product name: | Isodecyl Pelargonate |
| CAS Number: | 109-32-0 |
| EC Number: | 203-665-7 |

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

| | |
|-----------------------------------|--|
| Main use category: | Laboratory use; Industrial use; professional use only |
| Industrial/Professional use spec: | For professional use only |
| Use of the substance/mixture: | For analytical purposes Scientific research and development Not for human consumption or veterinary purpose. |

1.3 Details of the supplier of the safety data sheet

| | |
|---------------|---|
| Company name: | East Harbour Group Ltd Miranda House, The Quay Harwich, Essex, CO12 3HH United Kingdom |
| Telephone: | +44 (0) 333 242 0100 |
| Email: | info@eastharbourgroup.com |

1.4 Emergency telephone number

| | |
|----------------------|---------------|
| Emergency telephone: | 0800 246 1274 |
|----------------------|---------------|

Section 2: Hazardous 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

Not classified

2.3 Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Section 3: Composition/information on ingredients

3.1 Substances

| | |
|-----------------|------------------|
| Substance type: | Mono-constituent |
|-----------------|------------------|



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| Name | Product identifier | % |
|----------------------|--|-----|
| Isodecyl pelargonate | CAS No: 109-32-0 EC Index No: 203-665-7 | 100 |

3.2 Mixtures

Not applicable

Section 4: First aid measures**4.1 Description of first aid measures****First-aid measures general**

If possible, show this sheet, if not available show packaging or label. Never give anything by mouth to an unconscious person. Do not leave affected person unattended.

First-aid measures after inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give oxygen or artificial respiration if necessary. If breathing difficulties persist: Get medical advice/attention.

First-aid measures after skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Do not remove clothing if it sticks to the skin. If irritation persists, consult a doctor.

First-aid measures after eye contact

Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion

Rinse mouth out with water. Do not induce vomiting. Get medical advice/attention

4.2 Most important symptoms and effects, both acute and delayed**Symptoms/effects:**

Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation:

Vapour/ mist from product, if present, may cause irritation after an excessive inhalation exposure.

Symptoms/effects after skin contact:

Vapour may cause irritation to skin after excessive exposure.

Symptoms/effects after eye contact:

May cause eye irritation. redness, itching, tears.

Symptoms/effects after ingestion:

May cause irritation to the digestive tract. Abdominal pain, nausea.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

Section 5: Fire-fighting measures**5.1 Fire Fighting Media and Instructions:**

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Carbon oxides (CO, CO₂).



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5.3 Advice for firefighters

Precautionary measures fire

Keep container tightly closed and away from heat, sparks and flame. Keep away from combustible materials.

Firefighting instructions

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

Prevent fire fighting water from entering the environment.

Protection during firefighting

Do not enter fire area without proper protective equipment, including respiratory protection.

Other information

Warn all persons of toxic hazard.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures:

Isolate from fire, if possible, without unnecessary risk. Do not breathe gas, fumes, vapour or spray. No flames, no sparks. Eliminate all sources of ignition.

6.1.1. For non-emergency personnel

Protective equipment: Wear recommended personal protective equipment.

Emergency procedures: Evacuate unnecessary personnel. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not touch or walk on the spilled product. Avoid contact with skin, eyes and clothing.

Measures in case of dust release: Shelter from vapours by keeping upwind. Ventilate the area thoroughly, especially low-lying areas (basements, work pits etc).

6.1.2. For emergency responders'

Protective equipment: Equip clean-up crew with proper protection. Use self-contained breathing apparatus and chemically protective clothing.

Emergency procedures: Ventilate area.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

For containment: Collect spillage. Contain the spilled material by bunding

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Try to stop release if without risk.

6.4 Reference to other sections

See Heading 8. Exposure controls and personal protection.

Section 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling: Avoid formation of vapours. Provide local exhaust or general room ventilation.

Hygiene measures: Take off immediately all contaminated clothing and wash it before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product.



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7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Ensure adequate ventilation, especially in confined areas.

Storage conditions: Keep only in the original container in a cool, well-ventilated place away from: Heat sources, Direct sunlight. Keep container closed when not in use.

Incompatible products: Strong oxidizing agents.

Incompatible materials: Sources of ignition. Direct sunlight. Heat sources.

Heat and ignition sources: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3 Specific end use(s)

For analytical purposes. Scientific research and development. Not for human consumption or veterinary purposes.

Section 8: Exposure controls/personal protection

8.1 Control parameters

No additional information available

8.2 Exposure controls /

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety procedures. Floors should be impervious, resistant to liquids and easy to clean.

Personal protective equipment:

Avoid all unnecessary exposure.

Materials for protective clothing: Wear suitable protective clothing, gloves and eye/face protection

Hand protection: The protective gloves to be used must comply with the specifications of the regulation 2016/425 and the resultant standard EN374.

Eye protection: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Use eye protection according to EN166, designed to protect against liquid splashes.

Skin and body protection: Emergency safety showers should be available in the immediate vicinity of any potential exposure. Keep suitable chemically resistant protective clothing readily available for emergency use.

Respiratory protection: No respiratory protection needed under normal use conditions. [in case of inadequate ventilation] wear respiratory protection.

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 |
| Molecular mass | 298.5 g/mol |
| Colour | No data available |
| Odour | No data available |
| Odour threshold | No data available |
| pH | No data available |
| Relative evaporation rate (butylacetate=1) | No data available |
| Melting point | No data available |
| Freezing point | No data available |
| Boiling point | No data available |
| Flash point | No data available |
| Auto ignition temperature | No data available |



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| | |
|---------------------------------|-------------------|
| Decomposition temperature | No data available |
| Flammability (solid, gas) | Non flammable |
| Vapour pressure | No data available |
| Relative vapour density at 20°C | No data available |
| Relative density | No data available |
| Solubility | No data available |
| Log Pow | No data available |
| Viscosity, kinematic | No data available |
| Viscosity, dynamic | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |
| Explosive limits | No data available |

9.2 Other information

No additional information available

Section 10: Stability and Reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport

10.2 Chemical Stability

Stable under recommended handling and storage conditions (see section 7)

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

Protect from sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5 Incompatible materials

Strong oxidizers

10.6 Hazardous decomposition products

No hazardous decomposition products known at room temperature. Thermal decomposition generates

Section 11: Toxicological Information

11.1 Information pm toxicological effects

| | |
|------------------------------------|--|
| Acute toxicity (oral): | Not classified |
| Acute toxicity (dermal): | Not classified |
| Acute toxicity (inhalation): | Not classified |
| Skin corrosion/irritation: | Not classified |
| Additional information: | Based on available data, the classification criteria are not met |
| Serious eye damage/irritation: | Not classified |
| Additional information: | Based on available data, the classification criteria are not met |
| Respiratory or skin sensitisation: | Not classified |
| Additional information: | Based on available data, the classification criteria are not met |
| Germ cell mutagenicity: | Not classified |
| Additional information: | Based on available data, the classification criteria are not met |
| Carcinogenicity: | Not classified |
| Additional information: | Based on available data, the classification criteria are not met |
| Reproductive toxicity: | Not classified |
| Additional information: | Based on available data, the classification criteria are not met |
| STOT-single exposure: | Not classified |
| Additional information: | Based on available data, the classification criteria are not met |
| STOT-repeated exposure: | Not classified |



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Additional information:

Aspiration hazard:

Additional information:

Potential adverse human health effects and symptoms:

Based on available data, the classification criteria are not met

Not classified

Based on available data, the classification criteria are not met

Based on available data, the classification criteria are not met.

Section 12: Ecological Information

12.1 Toxicity

Ecotoxicity effects

Hazardous to the aquatic environment, short-term (acute): Not classified

Hazardous to the aquatic environment, long-term (chronic): Not classified

12.2 Persistence and degradability

Isodecyl pelargonate (109-32-0)

Persistence and degradability: No data available

12.3 Bioaccumulative potential

Isodecyl pelargonate (109-32-0)

Bioaccumulative potential: No data available

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

Isodecyl pelargonate (109-32-0)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6 Other adverse effects

Additional information: Avoid release to the environment.

Section 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials: Avoid release to the environment.

Section 14: Transport Information

In accordance with ADR/RID/IMDG/IATA/ADN

| ADR | IMDG | IATA | ADN | RID |
|--|---------------|---------------|----------------|---------------|
| 14.1 UN Number | | | | |
| Not regulated | Not regulated | Not regulated | Not applicable | Not regulated |
| 14.2 UN proper shipping name | | | | |
| Not regulated | Not regulated | Not regulated | Not applicable | Not regulated |
| 14.3 Transport hazard class(es) | | | | |
| Not regulated | Not regulated | Not regulated | Not applicable | Not regulated |



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| 14.4 Packing group | | | | |
|--|---------------|---------------|----------------|---------------|
| Not regulated | Not regulated | Not regulated | Not applicable | Not regulated |
| 14.5 Environmental hazards | | | | |
| Not regulated | Not regulated | Not regulated | Not applicable | Not regulated |
| No supplementary information available | | | | |

14.6 Special precautions for user

| | |
|---------------------------|----------------|
| Overland transport | Not regulated |
| Transport by sea | Not regulated |
| Air transport | Not regulated |
| Inland waterway transport | Not applicable |
| Rail transport | Not regulated |

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

Not applicable

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15: Regulatory Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1 EU-Regulations**

No REACH Annex XVII restrictions

Isodecyl pelargonate is not on the REACH Candidate List

Isodecyl pelargonate is not on the REACH Annex XIV List

Directive 2012/18/EU (SEVESO III)

15.1.2 National regulations

No additional information available

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

Section 16: Other Information

Data sources: 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information: None.