

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)
Classifications according to Regulation (EC) No 1272/2008.
Printdate 16 Aug 2022

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product name:

Diisopropyl Adipate

1.1. Catalog No.:

682893

1.2. Relevant identified uses of the substance or mixture

Identified: Laboratory chemical
uses: R&D

1.3. Uses advised against:

HPC Standards GmbH
Am Wieseneck 7

04451 Cunnersdorf
Deutschland

Tel. +49 34291 3372-36
Fax. +49 34291 3372-39
contact@hpc-standards.com

1.4. Emergency telephone number

HPC Standards Tel. +49 34291 3372-36
This number is only available during office hours.

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture Regulation (EC) No 1272/2008 This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

2.2.1. Pictogram

2.2.2.

Label elements

This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP] Hazard statements This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.3. Other hazards: No information available.

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1.1. Formula

C12H22O4

3.1.2. Molecular Weight (g/mol)

230.30

3.1.3. CAS-No.

6938-94-9

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Remove to fresh air.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.

Skin contact: Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.

Ingestion: Rinse mouth.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire: CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media: Do not scatter spilled material with high pressure water streams. 5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical: No information available.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation.

For emergency responders: Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions: See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards: Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling: Ensure adequate ventilation.

General hygiene considerations: Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions: Please refer to the manufacturers certificate for specific storage and transport temperature conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits: This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

8.2. Exposure controls

Personal protective equipment

Eye/face protection: Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Hand protection: The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations: Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection.

Environmental exposure controls: Do not allow into any sewer, on the ground or into any body of water.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Appearance: Liquid

Colour: colourless
Odour: Odourless
Melting point / freezing point: -3°C
Boiling point / boiling range: 291.9°C
Flammability (solid, gas): No data available
Flash point: 110°C
Autoignition temperature: No data available
Decomposition temperature: No data available
pH: No data available
Kinematic viscosity: No data available
Dynamic viscosity: No data available
Water solubility: 0.18g/L
Partition coefficient: 2.85
Vapour pressure: 0.0026hPa
Relative density: 0.9558g/cm³
Bulk density: No data available
Liquid Density: No data available
Relative vapour density: No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity
Reactivity: No information available.
10.2. Chemical stability
Stability: Stable under normal conditions.
Explosion data
Sensitivity to mechanical impact: None.
Sensitivity to static discharge: None.
10.3. Possibility of hazardous reactions
None under normal processing.
10.4. Conditions to avoid
None known based on information supplied.
10.5. Incompatible materials
None known based on information supplied.
Hazardous decomposition products: None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Information on likely routes of exposure
Product Information
Inhalation: Specific test data for the substance or mixture is not available.
Eye contact: Specific test data for the substance or mixture is not available.
Skin contact: Specific test data for the substance or mixture is not available.
Ingestion: Specific test data for the substance or mixture is not available.
Acute toxicity:
Oral LD50: No information available.
Dermal LD50: >2000 mg/kg (Rat)
Inhalation LC50: No information available.
Skin corrosion/irritation: No information available.
Serious eye damage/eye irritation: No information available.
Serious eye damage/eye irritation: No information available.
Germ cell mutagenicity: No information available.
Germ cell mutagenicity: No information available.
Reproductive toxicity: No information available.
STOT - single exposure: No information available.
STOT - repeated exposure: No information available.
Aspiration hazard: No information available.
11.2. Information on other hazards
Endocrine disrupting properties: No information available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity
Ecotoxicity: The environmental impact of this product has not been fully investigated.
12.2. Persistence and degradability
No information available.
12.3. Bioaccumulative potential
There is no data for this product.
12.4. Mobility in soil
No information available.
12.5. Results of PBT and vPvB assessment
The product contains substance(s) classified as PBT or vPvB.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products: Dispose of waste in accordance with local and environmental regulations.
Contaminated packaging: Do not reuse empty containers.

14. TRANSPORT INFORMATION

IATA

14.1 UN number or ID number: Not regulated

14.2 UN proper shipping name: Not regulated

14.3 Transport hazard class(es): Not regulated

14.4 Packing group: Not regulated

14.5 Environmental hazards: Not applicable

14.6 Special precautions for user Special Provisions: None

IMDG

14.1 UN number or ID number: Not regulated

14.2 UN proper shipping name: Not regulated

14.3 Transport hazard class(es): Not regulated

14.4 Packing group: Not regulated

14.5 Marine pollutant: Not applicable

14.6 Special precautions for user Special Provisions: None

RID

14.1 UN number or ID number: Not regulated

14.2 UN proper shipping name: Not regulated

14.3 Transport hazard class(es): Not regulated

14.4 Packing group: Not regulated

14.5 Environmental hazards: Not applicable

14.6 Special precautions for user Special Provisions: None

ADR

14.1 UN number or ID number: Not regulated

14.2 UN proper shipping name: Not regulated

14.3 Transport hazard class(es): Not regulated

14.4 Packing group: Not regulated

14.5 Environmental hazards: Not applicable

14.6 Special precautions for user Special Provisions: None

15. REGULATORY INFORMATION

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

Water hazard class (WGK): slightly hazardous to water (WGK 1)

Persistent Organic Pollutants: Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009: Not applicable

15.2. Chemical safety assessment

Chemical Safety Report: A Chemical Safety Assessment has been carried out for this substance

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. For lab use only!