

Safety Data Sheet

according to Regulation (EC) No 1907/2006

MOIIN Smart Clean

Revision date: 15.01.2020

Product code: 2490

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

MOIIN Smart Clean

REACH Registration Number: 01-2119911093-50-XXXX

CAS No: 627-93-0

EC No: 211-020-6

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

Cleaning agent

Uses advised against

none

1.3. Details of the supplier of the safety data sheet

Company name: DMG Digital Enterprises SE

Street: Elbgaustrasse 248

Place: D-22547 Hamburg

Telephone: +49 40 84006-0

Telefax: +49 40 84006-222

e-mail: info@dmg-digital.com

Internet: www.dmg-digital.com

Responsible Department: Quality Management

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

This substance is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements**SECTION 3: Composition/information on ingredients****3.1. Substances****Chemical characterization**

DIMETHYL ADIPATE; CAS 627-93-0 (> 98 %)

Sum formula: C8H14O4

Molecular weight: 174

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Move victim to fresh air. Put victim at rest and keep warm.

Seek medical attention if problems persist.

After contact with skin

After contact with skin, wash immediately with plenty of water.

Change contaminated, saturated clothing.

In case of skin irritation, consult a physician.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

The following symptoms may occur:

eyes : Conjunctival redness. , Causes tears.

Skin contact : erythema (redness)

After ingestion : Gastrointestinal complaints , Vomiting

Inhalation : Irritation to respiratory tract , Cough , Respiratory complaints

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing powder

Carbon dioxide (CO₂)

Water spray jet

Foam

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

Use personal protection equipment.

Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothes. , Keep away from: For non-emergency personnel

6.2. Environmental precautions

Collect spillage.

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Wipe up with absorbent material (eg. cloth, fleece).

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Remove all sources of ignition.

6.4. Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

To follow: Advices on general occupational hygiene

Do not eat, drink or smoke when using this product.

Wear suitable protective clothing.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Keep away from food, drink and animal feedingstuffs.

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7.3. Specific end use(s)

Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Use personal protective equipment as required.
Keep away from food, drink and animal feedingstuffs.

Eye/face protection

Avoid contact with eyes.
Wear eye/face protection.

Hand protection

Avoid contact with skin.
Wear suitable gloves.
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|----------------|
| Physical state: | Liquid |
| Colour: | clear |
| Odour: | fruity |
| pH-Value: | not determined |

Changes in the physical state

| | |
|--|------------|
| Melting point: | 8 °C |
| Initial boiling point and boiling range: | 227-230 °C |
| Flash point: | 113 °C |

Flammability

| | |
|-------------------------|----------------|
| Solid: | not determined |
| Gas: | not determined |
| Lower explosion limits: | not determined |
| Upper explosion limits: | not determined |
| Ignition temperature: | 360 °C |

Auto-ignition temperature

| | |
|--------------------------------|------------------------|
| Solid: | not determined |
| Gas: | 360 °C |
| Decomposition temperature: | not determined |
| Vapour pressure: (at 20 °C) | 0,08 hPa |
| Density: | 1,06 g/cm ³ |
| Water solubility: | 24 g/L |

9.2. Other information

SECTION 10: Stability and reactivity

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10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Strong acid , alkalines , Oxidizing agent .

10.6. Hazardous decomposition products

Gases/vapours, harmful ,Carbon dioxide (CO₂)

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

LD50: > 5000 mg/kg (Rat, oral), ECHA

LC50: > 11 mg/l (Rat, inhalative), ECHA

LD50: > 5000 mg/kg (Rabbit, dermal), ECHA

SECTION 12: Ecological information**12.1. Toxicity**

Harmful to aquatic life.

12.2. Persistence and degradability

Biodegradable. 97% (4d)

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.5. Results of PBT and vPvB assessment

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation.

Contaminated packaging

Dispose of waste according to applicable legislation.

SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)**Other applicable information (inland waterways transport)**

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

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Other applicable information (marine transport)

No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

Other applicable information

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information