

Safety Data Sheet

according to Regulation (EC) No 1907/2006

LuxaPrint Clean

Revision date: 08.02.2021

Product code: 2490

Page 1 of 5

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

1.1. Product identifier

LuxaPrint Clean

Substance name: Dimethyl adipate
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
e-mail: info@dmg-digital.com
Contact person: A. Brunner
Internet: www.dmg-digital.com
Responsible Department: Quality Management

Telefax: +49 40 84006-222

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

Sum formula: C₈H₁₄O₄
Molecular weight: 174

Hazardous components

none (according to Regulation (EC) No 1907/2006 (REACH))

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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

LuxaPrint Clean

Revision date: 08.02.2021

Product code: 2490

Page 2 of 5

After ingestion

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

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)

Following 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

General advice

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

Other information

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

Absorb with liquid-binding material (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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

LuxaPrint Clean

Revision date: 08.02.2021

Product code: 2490

Page 3 of 5

Advice on general occupational hygiene

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

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.

7.3. Specific end use(s)

Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

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
Melting point/freezing point:	8 °C
Boiling point or initial boiling point and boiling range:	227-230 °C
Flammability:	not determined
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	113 °C
Auto-ignition temperature:	360 °C
Decomposition temperature:	not determined
pH-Value:	not determined
Water solubility:	24 g/L
Vapour pressure: (at 20 °C)	0,08 hPa
Density:	1,06 g/cm ³
Self-ignition temperature	
Solid:	not determined
Gas:	360 °C

SECTION 10: Stability and reactivity

Safety Data Sheet

according to Regulation (EC) No 1907/2006

LuxaPrint Clean

Revision date: 08.02.2021

Product code: 2490

Page 4 of 5

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 hazard classes as defined in Regulation (EC) No 1272/2008

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

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

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

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

LuxaPrint Clean

Revision date: 08.02.2021

Product code: 2490

Page 5 of 5

Marine transport (IMDG)**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