

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

1.1. Product identifier

Product name: BIOHYGIENE GUM, MARK & GRAFFITI REMOVER

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

Use of substance / mixture: Environmentally friendly gum, mark & graffiti remover.

1.3. Details of the supplier of the safety data sheet

Company name: BioHygiene
 Beaufort Court
 Atlantic Wharf
 Cardiff
 CF10 4AH
 United Kingdom
Tel: +44 (0) 29 2067 4094
Email: info@biohygiene.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 29 2067 4094 (9am - 5pm)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P102: Keep out of reach of children.
 P262: Do not get in eyes, on skin, or on clothing.
 P264: Wash hands thoroughly after handling.
 P280: Wear eye protection.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.

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2.3. Other hazards**PBT:** This product is not identified as a PBT/vPvB substance.**Section 3: Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients:**

DIMETHYL GLUTARATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
214-277-2	1119-40-0	Substance with a Community workplace exposure limit.	-	10-40%

DIMETHYL SUCCINATE

203-419-9	106-65-0	-	Eye Irrit. 2: H319	5-10%
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3-BUTOXYPROPAN-2-OL

225-878-4	5131-66-8	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	5-10%
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DIMETHYL ADIPATE

211-020-6	627-93-0	Substance with a Community workplace exposure limit.	-	5-10%
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Section 4: First aid measures**4.1. Description of first aid measures****Skin contact:** Wash immediately with plenty of soap and water.**Eye contact:** Immediately flush eyes with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops get medical attention.**Ingestion:** Wash out mouth with water.**Inhalation:** Not applicable.**4.2. Most important symptoms and effects, both acute and delayed****Skin contact:** There may be irritation and redness at the site of contact.**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred.**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.**4.3. Indication of any immediate medical attention and special treatment needed****Immediate / special treatment:** Not applicable.**Section 5: Fire-fighting measures**

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5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

6.2. Environmental precautions

Environmental precautions: No special environmental concerns.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DIMETHYL GLUTARATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA		15 min. STEL	
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	5 PPM 33 mg/m ³	-	-	-

[cont...]

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DIMETHYL SUCCINATE

EU	5 PPM 33 MG/M3	-	-	-
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DIMETHYL ADIPATE

UK	5ppm 36 mg/m3	-	-	-
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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: No special requirement

Respiratory protection: Respiratory protection not required.

Hand protection: Wear gloves if prolonged contact with product concentrate is likely.

Eye protection: Safety glasses. Avoid contact with the eyes.

Skin protection: No special requirement.

Environmental: No special requirement.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Soluble

Boiling point/range°C: No data available.

Flammability limits %: lower: No data available.

Flash point°C: No data available.

Autoflammability°C: No data available.

Relative density: No data available.

VOC g/l: No data available.

Melting point/range°C: No data available.

upper: No data available.

Part.coeff. n-octanol/water: No data available.

Vapour pressure: No data available.

pH: 4

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage

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conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: No data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DIMETHYL GLUTARATE

ORAL	RAT	LD50	>5000	mg/kg
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3-BUTOXYPROPAN-2-OL

SKN	RBT	LD50	3100	mg/kg
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DIMETHYL ADIPATE

ORAL	RAT	LD50	>7500	mg/kg
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Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

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12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Larger volumes should be sent for disposal by an approved waste contractor.

Disposal of packaging: Dispose of as normal industrial waste.

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

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.
* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H315: Causes skin irritation.
H319: Causes serious eye irritation.

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.