



SAFETY DATA SHEET

HOUSE MATE OUR FOAMING MIRROR & GLASS CLEANER

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

1.1. Product identifier

Product name HOUSE MATE OUR FOAMING MIRROR & GLASS CLEANER
 Product number A5178

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

Identified uses Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier Rustins Ltd
 Waterloo Road
 London
 NW2 7TX

+44 (0)20 8450 4666

rustins@rustins.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0)20 8450 4666

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Aerosol 1 - H222, H229

Health hazards

Not Classified

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

F+;R12.

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements

H222 Extremely flammable aerosol.
 H229 Pressurised container: may burst if heated

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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Detergent labelling 5 - < 15% aliphatic hydrocarbons, < 5% perfumes

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

HYDROCARBON PROPELLANT	5-10%
CAS number: 68476-85-7 EC number: 270-704-2	
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Gas 1 - H220	F+;R12.
Press. Gas, Liquefied - H280	
2-BUTOXYETHANOL	1-5%
CAS number: 111-76-2 EC number: 203-905-0 REACH registration number: 01-2119475108-36	
Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302	Xn;R20/21/22 Xi;R36/38
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
PROPAN-2-OL	1-5%
CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01-2119457558-25-xxxx	
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225	F;R11 Xi;R36 R67
Eye Irrit. 2 - H319	
STOT SE 3 - H336	
STOT SE 3 - H336	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation

May cause drowsiness or dizziness.

Ingestion

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May cause discomfort.

Skin contact

Product has a defatting effect on skin.

Eye contact

May cause discomfort.

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

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Extremely flammable aerosol. Pressurised container: may burst if heated

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Ammonia or amines. Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrous gases (NO_x).

5.3. Advice for firefighters

Protective actions during firefighting

Use water to keep fire exposed containers cool and disperse vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Eliminate all sources of ignition. Provide adequate ventilation. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves. Avoid contact with skin and eyes. Do not breathe vapour/spray. Do not expose to temperatures exceeding 50°C/122°F. Provide adequate ventilation. Keep container in a well-ventilated place. Do not pierce or burn, even after use. Keep out of the reach of children. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store at temperatures between 5°C and 40°C.

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Storage class

Chemical storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

HYDROCARBON PROPELLANT

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m³

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m³

Sk

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

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2-BUTOXYETHANOL (CAS: 111-76-2)

DNEL	<p>Industry - Dermal; Short term systemic effects: 89 mg/kg/day</p> <p>Industry - Inhalation; Short term systemic effects: 663 mg/m³</p> <p>Industry - Dermal; Long term systemic effects: 75 mg/kg/day</p> <p>Industry - Inhalation; Long term systemic effects: 98 mg/m³</p> <p>Consumer - Dermal; Short term systemic effects: 44.5 mg/kg</p> <p>Consumer - Inhalation; Short term systemic effects: 426 mg/m³</p> <p>Consumer - Oral; Short term systemic effects: 13.4 mg/m³</p> <p>Consumer - Dermal; Long term systemic effects: 38 mg/kg</p> <p>Consumer - Oral; Long term systemic effects: 3.2 mg/kg</p> <p>Consumer - Inhalation; Long term systemic effects: 49 mg/kg</p> <p>Consumer - Inhalation; local effects: 123 mg/kg</p> <p>Industry - Inhalation; local effects: 246 mg/m³</p>
PNEC	<p>- Fresh water; 8.8 mg/l</p> <p>- Marine water; 0.88 mg/l</p> <p>- Sediment (Freshwater); 8.14 mg/kg</p> <p>- Soil; 2.8 mg/kg</p> <p>- STP; 463 mg/l</p>

PROPAN-2-OL (CAS: 67-63-0)

DNEL	<p>Industry - Dermal; Long term systemic effects: 888 mg/kg/day</p> <p>Industry - Inhalation; Long term systemic effects: 500 mg/m³</p> <p>Consumer - Dermal; Long term systemic effects: 319 mg/kg/day</p> <p>Consumer - Oral; Long term systemic effects: 26 mg/kg/day</p> <p>Consumer - Inhalation; Long term systemic effects: 89 mg/m³</p>
PNEC	<p>- Fresh water; 140.9 mg/l</p> <p>- Marine water; 140.9 mg/l</p> <p>- Intermittent release; 140.9 mg/l</p> <p>- Sediment (Freshwater); 552 mg/kg</p> <p>- Sediment (Marinewater); 552 mg/kg</p> <p>- STP; 2251 mg/l</p> <p>- Soil; 28 mg/kg</p>

8.2. Exposure controls

Protective equipment



Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).

Hygiene measures

Wash hands thoroughly after handling.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Aerosol.

Colour

White/off-white.

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Odour

Slight.

Solubility(ies)

Soluble in water.

9.2. Other information

Other information

Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Ammonia or amines. Carbon dioxide (CO₂). Carbon monoxide (CO). Nitrous gases (NO_x).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)

36,922.68651666

Acute toxicity - dermal

ATE dermal (mg/kg)

22415.83488411

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

232.61715446

Inhalation

May cause drowsiness or dizziness.

Ingestion

Gastrointestinal symptoms, including upset stomach. May cause discomfort if swallowed.

Skin contact

Product has a defatting effect on skin.

Eye contact

May cause discomfort.

Toxicological information on ingredients.

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HYDROCARBON PROPELLANT

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l)

21.0

Species

Rat

ATE inhalation (vapours mg/l)

21.0

2-BUTOXYETHANOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)

1,746.0

Species

Rat

ATE oral (mg/kg)

1,746.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg)

1060.0

Species

Rabbit

ATE dermal (mg/kg)

1060.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

11.0

HOUSE MATE OUR FOAMING MIRROR & GLASS CLEANER**PROPAN-2-OL****Acute toxicity - oral****Acute toxicity oral (LD₅₀ mg/kg)**

4,700.0

Species

Rat

ATE oral (mg/kg)

4,700.0

Acute toxicity - dermal**Acute toxicity dermal (LD₅₀ mg/kg)**

16.4

Species

Rabbit

Inhalation

Vapours may cause drowsiness and dizziness.

Ingestion

Pneumonia may be the result if vomited material containing solvents reaches the lungs.

Skin contact

Prolonged contact may cause dryness of the skin.

Eye contact

Irritating to eyes.

SECTION 12: Ecological Information

Ecotoxicity

The product is not expected to be hazardous to the environment.

Ecological information on ingredients.**PROPAN-2-OL****Ecotoxicity**

The product is not expected to be toxic to aquatic organisms.

12.1. Toxicity

HOUSE MATE OUR FOAMING MIRROR & GLASS CLEANER

Ecological information on ingredients.

2-BUTOXYETHANOL

Acute toxicity - fish

LC₅₀, 96 hours: 820 - 1490 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 835 - 1550 mg/l, Daphnia magna

Acute toxicity - aquatic plants

IC₅₀, 72 hours: 1840 mg/l, Algae

PROPAN-2-OL

Not considered toxic to fish.

Acute toxicity - fish

LC₅₀, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates

EC₅₀, : 9714 mg/l, Daphnia magna EC₅₀, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC₅₀, 72 hours: > 100 mg/l, Scenedesmus subspicatus IC₅₀, 72 hours: >100 mg/l, Algae

12.2. Persistence and degradability

Persistence and degradability

The product is expected to be biodegradable.

Ecological information on ingredients.

2-BUTOXYETHANOL

Persistence and degradability

The product is readily biodegradable.

PROPAN-2-OL

Persistence and degradability

The product is readily biodegradable.

12.3. Bioaccumulative potential

The product is not bioaccumulating.

Ecological information on ingredients.

2-BUTOXYETHANOL

The product does not contain any substances expected to be bioaccumulating.

PROPAN-2-OL

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility

The product is soluble in water. The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Ecological information on ingredients.

PROPAN-2-OL

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

HOUSE MATE OUR FOAMING MIRROR & GLASS CLEANER

Ecological information on ingredients.

2-BUTOXYETHANOL

This substance is not classified as PBT or vPvB according to current EU criteria.

PROPAN-2-OL

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Not known.

Ecological information on ingredients.

PROPAN-2-OL

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class 2.1

IMDG class 2.1

ICAO class/division 2.1

Transport labels



14.4. Packing group

ADR/RID packing group 5F

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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Not applicable.

SECTION 15: Regulatory information

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

National regulations

The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

EU legislation

Commission Regulation (EU) No 453/2010 of 20 May 2010. 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 (as amended).

Guidance

Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 27/01/2015

Revision 2.2

Supersedes date 10/01/2015

Risk phrases in full

R11 Highly flammable.
R12 Extremely flammable.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H229 Pressurised container: may burst if heated
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.