

## SDS: Gripfast Cure

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

**Product** Gripfast Curing Agent Component  
**Company Name** Urban Hygiene Ltd  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	Modified cycloaliphatic polyamine				
	Name	EC No	CAS -No	Content	Classification
	Isophorone diamine	220-666-8	2855-13-2	25-50%	C R21/22, R34, R43
	Benzyl Alcohol	202-859-9	100-51-6	25-50%	Xn; R20/22.
	m-xylylenediamine	216-032-5	1477-55-0	10-25%	C R20/22 R34, R43 R52/53

### 3. HAZARDS IDENTIFICATION

**Main Hazards** Harmful if swallowed, Harmful by inhalation Causes burns  
 May cause sensitization by skin contact,  
 Severe eye irritant  
 C; R20/21/22, C; R34. 43, R52/53

### 4. FIRST AID MEASURES

**Note:** Treat like chemical burns

**Skin contact** Remove contaminated clothing immediately. Rinse affected skin with copious amounts of water.

**Eye contact** Immediately flush eyes with running water for at least 15 minutes without interruption.

**Ingestion** Seek medical advice.  
**DO NOT** induce vomiting. Drink water to dilute.

**Inhalation** Drink citrus fruit juice for neutralisation.  
 Remove to fresh air in case of indisposition.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media** Dry powder, Carbon Dioxide, Water spray.

**Exposure hazards** Carbon Dioxide, Carbon Monoxide, and Nitrogen Oxides may be formed.

**Protection of fire-fighters** Wear self contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions** Avoid skin and eye contact, Provide sufficient ventilation during use.

**Environmental precautions** Prevent from entering sewer system, surface water or soil.

**Clean-up procedures** Soak up with absorbent material e.g. dry sand, vermiculite, and dispose of as instructed (see section 13)

**7. HANDLING AND STORAGE**

**Handling requirements** Use in well ventilated areas.  
Keep containers tightly closed when not in use.

**Storage conditions** Avoid temperatures below 5°C.  
Must only be kept in original packaging.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering measures** Ensure there is sufficient ventilation of the area.

**Hand protection** Protective gloves of PVC or rubber.

**Eye protection** Full face safety goggles.

**Skin protection** Rubber or plastic apron, Suitable arm protection if body contact is possible.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State** Liquid.

**Colour** Pale Yellow.

**Odour** Characteristic Amine.

**Solubility in water** Partly soluble.

**Viscosity** 350 cps @20°C.

**Flash point °C** 132°C.

**10. STABILITY AND REACTIVITY**

**Stability** Stable under normal conditions. Thermal decomposition occurs at temperatures above 250°C with liberation of harmful gases.

**Conditions to avoid** Frost, contact with reactive materials.

**Materials to avoid** Acids.

**Haz.** Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides, Ammonia

**Decomposition Products**

**11. TOXICOLOGICAL INFORMATION**

**Ingestion** LD50 Acute oral toxicity in rats : 3100 mg/kg.

**Eye Contact** Eye irritation tested in rabbits : Corrosive.

**Skin Contact** Skin irritation tested in rabbits : Strong irritation.

**Mutagenicity** Negative Ames test.

## 12. ECOLOGICAL INFORMATION

<b>Mobility</b>	Readily absorbed into soil. Prevent contamination of soil, drains or surface water.
<b>Bioaccumulative Potential</b>	No data available.
<b>Other adverse effects</b>	Not regarded as dangerous for the environment

## 13. DISPOSAL CONSIDERATIONS

Burn in compliance with local and national regulations in a hazardous incinerator.

## 14. TRANSPORT INFORMATION

### ADR/RID

<b>UN no</b>	2735	<b>ADR Class</b>	8
<b>Packing Group</b>	III	<b>Classification code</b>	53/C 80
<b>Proper Shipping Name</b>	Amines, liquid, corrosive n.o.s (Isophorone Diamine).	<b>Hazard ID no</b>	8
		<b>Labelling</b>	

### IMDG/IMO

<b>UN no</b>	2735	<b>Class</b>	8
<b>Packing Group</b>	III	<b>EmS</b>	F-A,S-B
<b>Marine Pollutant</b>	No	<b>Labelling</b>	8

### IATA/ICAO

<b>UN no</b>	2735	<b>Class</b>	8
<b>Packing Group</b>	III	<b>Packing Instruction</b>	818(P & CA); 820(CAO)
<b>Labeling</b>	8		

## 15. REGULATORY INFORMATION

<b>Hazard Symbol</b>	Corrosive
<b>Risk Phrases</b>	R20/21/22, Harmful by inhalation, in contact with skin and if swallowed, R34, Causes burns, R43, May cause sensitization by skin contact R52/53, Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment
<b>Safety Phrases</b>	S26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39, Wear suitable protective clothing, gloves and eye/face protection; S45, In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## 16. OTHER INFORMATION

<b>Other information</b>	To be read in conjunction with the appropriate base component Material Safety Data Sheet.
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### Legal disclaimer:

The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. If data is more than 12 months old then data should only be used after checking with Urban Hygiene office. The information in this SDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products properties.