



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Trade name: *Bug Remover*

Use of the Substance/Preparation: *Water Based Surface Cleaner*

Identification of the company: *AGlaze Limited
4 Breckland Business Park, Watton
Norfolk. IP25 6UP*

Emergency telephone number: *01953 884999*

2. HAZARDS IDENTIFICATION

Hazardous Description:

Risk of dangerous damage to eyes.

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterisation

Description: *Detergent composition*

Dangerous Components:

INGREDIENT:	CAS No:	EINECS:	CONTENT	SYMBOL/RISK
<i>Orange Terpenes</i>	<i>68647-72-3</i>	<i>2324338</i>	<i>1-10 %</i>	<i>R10; Xi R38; N R50/53; Xn R65</i>
<i>Surfac UN 95/65</i>	<i>68439-45-2</i>		<i>1-3 %</i>	<i>Xn R22; Xi R41</i>

ADDITIONAL INFORMATION: *Risk Phrases in this section apply to the raw materials, and not necessarily to the finished product. For the wording of the listed risk phases refer to section 16*

4. FIRST AID MEASURES

General Information: *Immediately remove any clothing soiled by product.
By continuous complaints consult a doctor.*

Skin contact: *Degreasing of the skin. Irritation or pain may occur at site of contact.
Drench the affected skin with water for 15 minutes. Obtain medical attention.*

Eye contact: *There may be irritation and redness. Rinse opened eye with running water for several minutes and obtain medical attention.*

Ingestion: *There may be soreness and redness of the mouth and throat. Seek medical attention. Rinse out mouth and then drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.*

Inhalation: *Irritation of nose, throat and respiratory tract. Supply fresh air. If symptoms persist seek medical attention.*

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: CO₂, Powder or water spray.
Protective Equipment: Wear self-contained respiratory protective device. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Clean-up procedures: Small spillages may be flushed away with large amounts of water. Absorb into dry earth or sand. Do not allow to enter sewers/surface or ground water.

Safety precautions: Wear protective equipment. Avoid contact with skin and eyes.

7. HANDLING AND STORAGE

Handling requirements: Avoid contact with eyes, skin and clothing.

Storage conditions: Store in a cool, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems: No further data: see item 7

Ingredients with limit values that require monitoring at the workplace:

Orange Terpenes	WEL	8 hour exposure limit: 100 ppm 15 min exposure limit: 150 ppm in 10 mins
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Propan-2-ol	WEL	8 hour exposure limit: 999 mg/m ³ 15 min exposure limit: 1250 mg/m ³
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Additional information: The lists valid during the making were used as a basis.

Personal Protective Equipment: Ensure there is sufficient ventilation of the area.
Body Protection: Protective Clothing

Protection of hands:



Chemical Protective Gloves

Eye Protection:



Safety goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Colourless Liquid
ODOUR/TASTE: Pleasant
SOLUBILITY DESCRIPTION: Soluble

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Frost

Materials to be avoided: Strong acids. Strong bases.

Dangerous products of decomposition: None, if handled according to order.

11. TOXICOLOGICAL INFORMATION

Chronic Toxicity: Direct contact.
Routes of exposure: May cause irritation of eyes and skin.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Contaminated Packaging: *Disposal must be made according to official regulations.*

14. TRANSPORT INFORMATION

Land Transport ADR/RID (cross border):
ADR/RID Class:

Air transport ICAO-TI and IATA-DGR:
ICAO/IATA Class:

Transport/Additional Data: *Not dangerous according to the above specification*

15. REGULATORY INFORMATION

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU directives/Ordinance on Hazardous Materials

Code letter and hazard designation of product:



Xi Irritant

Risk phrases:

R41: Risk of serious damage to eyes

Safety phrases:

*S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S39: Wear eye/face protection.
 S61: Avoid release to the environment. Refer to special instructions/safety data sheets.*

Note: *The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.*

16. OTHER INFORMATION

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.*

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information.

Wording of the R-phrases used in section 3:

*R10 Flammable
 R22 Harmful if swallowed
 R38 Irritating to skin
 R41 Risk of serious damage to eyes
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment.
 R65 Harmful: May cause lung damage if swallowed.*

REVISION DATE: 29/06/2007