



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Trade Name: *Alloy Wheel Cleaner*

Use of the Substance/Preparation: *Liquid Wheel cleaner*

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

Emergency telephone number: *01953 884999*

2. HAZARDS IDENTIFICATION

Hazards Description:

Xi Irritant



Information concerning particular hazards for human and the environment:

The product has to be labeled due to the calculation procedure of the 'General Classification guideline for preparations of the EU' in the latest version.

R 36/38 Irritating to eyes and skin.

Classification System:

The classification is according to the latest editions of the EU-Lists, and extended by company and literature data.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization

Description:

INGREDIENT NAME:	EINECS	CAS No:	CONTENT	SYMBOL	RISK
2-(2-BUTOXYETHOXY)ETHANOL	203-961-61	112-35-5	1-5%	<i>Xi</i>	36
TETRASODIUM EDTA		64-02-8	5-10%	<i>Xn</i>	22,36, 52/53
POTASSIUM HYDROXIDE	215-181-3	1310-58-3	1-5%	<i>C</i>	22,35
SODIUM SILICATE		1344-09-8	1-5%	<i>Xi</i>	38,41

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 phrases refer to section 16.

4. FIRST AID MEASURES

General: *Immediately remove any clothing soiled by the product.
If irritation persists consult a doctor.*

Skin contact: *Remove affected person from source of contamination. Remove contaminated clothing. Then wash and rinse thoroughly with a mild soap and water. Get medical attention promptly if symptoms occur after washing.*

4. FIRST AID MEASURES (CONT'D)

- Eye contact:** Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes.
- Ingestion:** Rinse mouth thoroughly. Drink plenty of water. Seek medical attention.
- Inhalation:** Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** This material is not flammable. Use extinguishing media for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

- Person related safety precautions:** Refer to protective measures listed in sections 7 and 8.
- Environmental Protection:** Do not allow to enter sewers/surface or ground water. Contain spillage in bunding..
- Clean-up procedures:** Absorb with liquid binding material (sand, vermiculite or earth) and place into containers. Wash spillage with plenty of water.

7. HANDLING AND STORAGE

- Safe handling requirements:** Ensure good ventilation at workplace. Avoid direct contact with substance.
- Storage conditions:** Keep in cool, dry, ventilated storage and tightly closed containers. Keep in original containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Ingredients with limit values that require monitoring at the workplace:

Ingredient Name:	CAS NO	Std	LT Exp. 8HRS	ST EXP. 15 min
Potassium Hydroxide	1310-58-3	OES	No Std	2 mg/m ³

OES = Occupational Exposure Standard

Personal Protective Equipment:

General protective and Hygienic Measures:

Wash at the end of each work shift and before eating, smoking and using the toilet. Keep away from foodstuffs, beverages and feed.

Respiratory protection:

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL)

Hand Protection:



Use chemical protective gloves.

Eye protection:



Wear safety goggles with side shields.

Body protection: Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: *Liquid.*
Colour: *Clear, Colourless*
Specific Gravity: *1.005*

10. STABILITY AND REACTIVITY

Stability: *Stable under normal conditions.*

Dangerous reactions/decomposition products: *None, if handled according to order.*

11. TOXICOLOGICAL INFORMATION

Primary irritant effect:

Skin contact: *Irritating to skin. Prolonged contact may cause severe irritation.*

Eye contact: *May cause severe irritation of the eyes.*

Sensitisation: *No sensitising effects known.*

Ingestion: *May cause discomfort if swallowed.*

12. ECOLOGICAL INFORMATION

Additional ecological information:

May cause harm to the environment if released without prior treatment into water course or sewerage system.

13. DISPOSAL CONSIDERATIONS

Recommendation:

In accordance with local regulations, pass to incinerating plant/dump.

Uncleaned packaging:

Recommendation: *Disposal must be made in accordance with official regulations.*

14. TRANSPORT INFORMATION

Land Transport ADR/RID (Cross-border):

ADR Class No:

Maritime Transport IMDG:

IMDG Class:

Air Transport ICAO-TI and IATA-DGR:

ICAO/IATA Class:

Additional Information: *Not dangerous according to the above specifications.*

15. REGULATORY INFORMATION

Labelling in accordance to EU guidelines:

This 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: *R-36/38 Irritating to eyes and skin.*

15. REGULATORY INFORMATION (CONT'D)

SAFETY PHRASES: S-24/25 Avoid contact with skin and eyes.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical help.
S-60 This material and its container must be disposed of as hazardous waste.

EU DIRECTIVES: System of specific information relating to Dangerous Preparations. 91\155. Dangerous Preparations Directive 88/379.

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations. Control of substances Hazardous to Health.

APPROVED CODE OF PRACTICE: Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES: Occupation Exposure Limits EH40. CHIP for everyone HSG(108).

16. OTHER INFORMATION

According to 91/155 EC.

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:

R-22 Harmful if swallowed.
R-35 Causes severe burns.
R-36 Irritating to eyes.
R-38 Irritating to skin.
R-41 Risk of serious damage to eyes.
R 52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

REVISION DATE: 12/05/2009