


Section 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY											
1.1	Product Name: <u>Z111 LOW FOAMING TOILET CLEANER</u>										
1.2	Supplier : Transvac Systems Marlowe House Unit B, Rudford industrial Estate Ford, Arundel West Sussex BN18 0BF Tel: +44(0)1903 736900 Fax: +44(0)1903 731569 e-mail: sales@transvac-systems.co.uk										
1.3	Product Description Low foaming toilet cleaner.										
1.4	Product Code Z111										
Section 2: HAZARD IDENTIFICATION											
2.1	Product is Classified as: IRRITANT										
2.2	Risk Phrases R36/38 Irritating to eyes and skin										
Section 3: COMPOSITION/INFORMATION ON INGREDIENTS.											
3.1	Contains sulphamic acid, surfactants, corrosion inhibitors and perfumes.										
3.2	<table border="1"> <thead> <tr> <th>Hazardous Ingredients</th> <th>CAS No</th> <th>EINECS No</th> <th>%w.w</th> <th>Nature of Hazard</th> </tr> </thead> <tbody> <tr> <td>Sulphamic Acid</td> <td>5329-14-6</td> <td>226-218-8</td> <td>5-15</td> <td>Irritant, R36/38 R52/53</td> </tr> </tbody> </table>	Hazardous Ingredients	CAS No	EINECS No	%w.w	Nature of Hazard	Sulphamic Acid	5329-14-6	226-218-8	5-15	Irritant, R36/38 R52/53
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Section 4: FIRST AID MEASURES											
4.1	Eyes: Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice if symptoms persist.										
4.2	Skin: Wash well with plenty of water. Remove any contaminated clothing										
4.3	Ingestion: Drink milk or water. Seek medical advice if feeling unwell.										
4.4	Inhalation: If spray or mist is inhaled, remove to fresh air, rest and keep warm. Seek medical advice if feeling unwell.										
Section 5: FIRE FIGHTING MEASURES											
5.1	Fire-Fighting: Non-Flammable but if drums are involved in a fire then spray with water to keep cool.										
Section 6: ACCIDENTAL RELEASE MEASURES											
6.1	Release Measures: Absorb spillage with earth , sand or granules. Wear safety glasses, protective clothing and rubber boots. Scrape up and place in secure plastic containers. Seek advice of local authority before disposal. Small spills may be wiped or mopped up and then rinse the contaminated surface with clean water.										
Section 7: HANDLING AND STORAGE											
7.1	Handling & Storage: Store away from bleach and strong alkalis. Store in containers provided and replace closure.										

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1	Personal Protection: Wear gloves and safety glasses when handling neat or diluted product.
8.2	Workplace Exposure Limits (WELs): None allocated to the materials used in this formulation.
Section 9: PHYSICAL AND CHEMICAL PROPERTIES	
9.1	Appearance Clear blue/green liquid
9.2	Odour Fresh
9.3	pH Neat: 1.0 10%: 1.5 1%: 2.0
9.4	Density @20°C 0.04 g/cm ³
9.5	Flash Point Non-Flammable
9.6	Solubility in Water Completely miscible.
Section 10: STABILITY AND REACTIVITY	
10.1	Stability and Reactivity: Avoid mixing with bleach, other acids and strong alkalis.
Section 11: TOXICOLOGICAL INFORMATION	
11.1	Contact with eyes: Causes irritation and redness
11.2	Contact with skin: Causes irritation and redness
11.3	Ingested: Causes irritation of mouth, throat and digestive system..
11.4	Inhaled: If mist or spray is inhaled, will cause irritation to nose and throat.
11.5	Test Data: Test data: Oral LD50 rat (mg/kg) > 7000
Section 12: ECOLOGICAL INFORMATION	
12.1	Ecological Information: The main component, sulphamic acid, is allocated the Risk Phrase: 'R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment'. Whilst the formulated product does not contain enough of this compound to require classification as an environmental hazard, it is recommended that the product should not be allowed to enter the surface drainage system. All materials are fully biodegradable and the product will not present any problems to water treatment plants.
Section 13: DISPOSAL CONSIDERATIONS	
13.1	Disposal: Small quantities of the product may be disposed of via the foul sewer; it will not present any problems to effluent treatment plants. Seek advice of local authority before disposal of larger quantities.
Section 14: TRANSPORT INFORMATION:	
14.1	Proper Shipping Name: -
14.2	UN No: -
14.3	Hazard Class: Non-Hazardous – Not Regulated
14.4	Packing Group: -
Section 15: REGULATORY INFORMATION:	
15.1	COSHH The preparation requires a formal COSHH assessment which should ensure that employees are aware of hazards/precautions detailed in this data sheet. The COSHH assessment should also ensure that recommended safety equipment is available and, where applicable, the exposure limits detailed in Section 8 are not being exceeded.

Section 15: REGULATORY INFORMATION:	
15.2	<p>Label for Supply:</p> 
15.3	<p>Risk Phrases: R36/38: Irritating to eyes and skin</p>
15.4	<p>Safety Phrases: S24/25: Avoid contact with eyes and skin. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39: Wear suitable gloves and eye/face protection.</p>
15.5	<p>UK Regulatory Ref:</p> <p>U.K. Regulatory References: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 which closely follows the European Commissions labeling guide (Annex VI to Directive 67/548/EEC).</p> <p>The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 aligned with ADR. Workplace Exposure Limits EH40.2005 (2nd edition published 2011).</p> <p>REACH: Regulation 1907/2006/EC effective June 1st , 2007. The raw materials used in this preparation have been pre-registered in accord with the requirements of REACH.</p> <p>Ingredients according to Regulation (EC) No.648/2004 on Detergents: Less than 5 %: anionic surfactant, non-ionic surfactants, perfume.</p>
Section 16: OTHER INFORMATION	
16.1	<p>Other Information:</p> <p>It is the responsibility of the user to ensure safe working conditions. The health hazards and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe working environment.</p>