

MATERIAL SAFETY DATA SHEET

Product Code: M0688: File F:\msdsother\MSDS original\Amaze.doc

Page 1 of 3. Issue No 3, Last revision: March 2010, Date of issue: 9/03/2010

Section 1 – Statement Of Hazardous Nature, Chemical Product And Company Identification

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC BUT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO THE ADG CODE.

PERTH: Klen International (74) Pty Ltd; 19 Motivation Drive Wangara WA 6065 EMAIL: info@klen.com.au ABN: 25 008 776 681 FAX: (08) 9302 5000 TEL: (08) 9302 4000	BUNBURY: Klen International Pty Ltd; 18 Halifax Drive, Bunbury WA 6230 EMAIL: info@klen.com.au ABN: 50 009 067 556 FAX: (08) 9721 5562 TEL: (08) 9721 1433
CONTACT POINT - Chemist - TELEPHONE (08) 9302 4000 EMERGENCY TELEPHONE NUMBER: A/H 0419 906 672 or Toll Free 1800 999 196	

Product Name: **AMAZE**

Use: *Liquid tile and grout cleaner, metal and ceramic cleaning*

2. Hazards Identification

Emergency Overview: Corrosive. May be fatal if swallowed. Causes severe irritation and burns to every area of contact. May cause lung damage.

Potential Health Effects:

Acute:

Inhalation: Vapour or mist is irritating to the upper respiratory tract. Symptoms may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting. May cause pulmonary oedema, a medical emergency. Pulmonary oedema may be delayed up to 48 hours.

Ingestion: Corrosive. Swallowing can cause severe burns of the mouth, throat, and stomach, leading to death. Can cause sore throat, vomiting, and diarrhoea.

Skin Contact: Corrosive. Symptoms of redness, pain, and severe burn can occur.

Eye Contact: Corrosive. Can cause blurred vision, redness, pain, severe tissue burns and eye damage.

Chronic Exposure: No information found.

Aggravation of Pre-existing Conditions: No information found.

3. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Sulfamic Acid	5329-14-6	15	Yes
Non Ionic Surfactant	9016-45-9	< 10	No

4. First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Note to Physician: For severe exposures, monitor for delayed onset of pulmonary oedema.

MATERIAL SAFETY DATA SHEET

Product Code: M0688: File F:\msdsother\MSDS original\Amaze.doc
Page 2 of 3. Issue No 3, Last revision: March 2010, Date of issue: 9/03/2010

5. Fire Fighting Measures

Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Special Information: In the event of a fire, wear full protective clothing and AS1715/ 1716 approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Spills: Dam and absorb onto earth or other absorbant material. Place in a suitable container for disposal. Wear appropriate personal protective equipment as specified in Section 8.

7. Handling and Storage

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat and incompatibilities. Containers of this material may be hazardous when empty since they retain product residues; observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

NOHCS Airborne Exposure Limits: None established.

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Respirators (AS1715/ 1716 Approved): For conditions of use where exposure to the mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls as needed to prevent skin contact.

Eye Protection: Use chemical safety goggles and/or full face shield where splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance: Blue Liquid.

Odour: Odourless.

Solubility: Soluble in water.

Density: 1.08

pH: 1.68

% Volatiles by volume @ 21°C: 0

Boiling Point: 100°C.

Melting Point: No data

Vapour Density (Air=1): No data

Vapour Pressure (mm Hg): No information found.

Evaporation Rate (BuAc=1): No information found.

10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage. Solutions are acidic. In water solution slowly hydrolyzes to form ammonium sulfate and bisulfate.

Hazardous Decomposition Products: May emit ammonia, oxides of sulfur, oxides of nitrogen, and oxides of carbon.

Hazardous Polymerization: Will not occur.

MATERIAL SAFETY DATA SHEET

Product Code: M0688: File F:\msdsother\MSDS original\Amaze.doc

Page 3 of 3. Issue No 3, Last revision: March 2010, Date of issue: 9/03/2010

Incompatibilities: Strong oxidizers, nitric acid, and chlorine. Solutions are strong acids and react violently with bases.

Conditions to Avoid: Generating mist and incompatibles.

11. Toxicological Information

Sulfamic acid: Oral rat LD50: 3160 mg/kg; Irritation data: skin human, standard Draize: 4%/5D-I mild. Skin rabbit, standard Draize, 500 mg/24H severe. Eye rabbit, standard Draize: 250 ug/24H Severe. Cancer Lists: Not an NTP or IARC carcinogen

12. Ecological Information

Environmental Fate: No information found.

Environmental Toxicity: Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment. Harmful effect due to pH shift.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Australian DG Classification for Road and Rail: UN 1760; Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (SULFAMIC ACID); Class 8; Hazchem 2X; Packing Group III
IMDG: UN 1760; Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (SULFAMIC ACID); Class 8; Packing Group III; EmS: F-A, S-B

15. Regulatory Information

Chemical Inventory Status – All ingredients listed in the AICS.

NOHSC Labelling: Not classified as hazardous.

Precautionary labelling: Xi Irritant; R36/38 Irritating to eyes and skin. R52 Harmful to aquatic organisms. R53 May cause long-term adverse effects in the aquatic environment; S(2-) Keep out of the reach of children S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S28 After contact with skin, wash immediately with plenty of soap-suds.

SUSDP Labelling: Poison Schedule S6. **SAFETY DIRECTIONS:** Avoid contact with skin and eyes. Avoid breathing vapour or spray mist. **FIRST AID INSTRUCTIONS:** For advice, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor (at once). If swallowed, do NOT induce vomiting. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

16. Other Information

Last change: Section 14 – Change DG Classification

The above information is accurate to the best of the knowledge available to us. However since data safety standards and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control we make no warranty, whether express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Users should satisfy themselves that they have all current data relevant to their particular use.