

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION:

### DA BOMB

Dishwasher Descaler

### CHEMICAL SOLUTIONS LTD

1 Freight Place  
Airport Oaks  
Auckland 2022  
New Zealand

PO Box 107-105, Auckland Airport 2150, Auckland, New Zealand

Phone: (64-9) 255-5609

Fax: (64-9) 255-5610

E-mail: [sales@kemsol.co.nz](mailto:sales@kemsol.co.nz)Website: [www.kemsol.co.nz](http://www.kemsol.co.nz)

EMERGENCY CONTACT: Phone (64-9) 255-5609 8:00 am to 5:00 pm Mon to Fri  
After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

## 2. HAZARD IDENTIFICATION:

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.  
This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.  
Approved under Cleaning Products Corrosive Group Standard HSR002526

HSNO Hazard Classification & Hazard Statements	
6.1D (Oral) Harmful if swallowed	8.3A Causes serious eye damage
6.1E May be harmful if inhaled	8.2C Causes severe skin burns and eye damage
9.3C Harmful to terrestrial vertebrates	

Precautionary Statements	
Keep out of reach of children.	Avoid release to the environment.
Read label before use.	Wear protective gloves, protective clothing & eye protection
Wash hands thoroughly after handling.	Do not eat, drink or smoke when using this product.

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS:

Sulfamic Acid (CAS Number: 5329-14-6) 50 - 100 %  
Tetrasodium ethylenediaminetetracetate (CAS Number 64-02-8) 1 – 5%

## 4. FIRST AID MEASURES:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.  
IF ON SKIN: Wash affected area with copious volumes of water. If clothing is contaminated, remove and wash the affected skin area. If irritation or swelling occurs, seek medical advice.  
IF SWALLOWED: Do NOT induce vomiting. Administer 2 glasses of water and if discomfort persists seek medical service.  
MEDICAL ASSISTANCE: If discomfort persists, call your nearest Medical Centre or the NZ National Poisons Centre 0800-764-766 for advice. Have this label or Safety Data Sheet on hand.

## 5. FIRE FIGHTING MEASURES:

This product is neither flammable nor combustible.  
Drums subject to the heat of a prolonged fire may explode or erupt scattering contents with possibility of enhancing combustion. Where possible remove drums and containers from the path of a fire, or cool with water spray.  
Firefighters may use water spray, jet, fog, foam, CO<sub>2</sub>, or dry chemical powder to extinguish a fire in the vicinity.

## 6. ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface. Signage preventing foot traffic should be erected where appropriate. Clean up immediately. Increase ventilation and use clean non sparking tools. Turn off all source of ignition.  
Dilute with plenty of water. Neutralise with soda Ash. do not allow product to reach drains, Sewers or waterways. All personnel involved must wear protective clothing.

## 7. HANDLING AND STORAGE:

Store containers in sites where they can be kept cool and dry and away from heat sources. Store locked up.  
Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on an easily seen location on the container.  
After use, always replace lids and caps and return to safe storage as soon as possible.

**8. EXPOSURE CONTROLS & PERSONAL PROTECTION:**

Exposure controls:	No data is available for this product.
Eye protection:	Safety glasses.
Protective clothing:	Chemically impregnable gloves, protective work clothes (a coat, apron or overalls).
Respiratory protection:	Face shield and respirator are required.. These operations should be carried out by trained personnel.
Ventilation:	Where spraying or vaporising is being carried out, ensure there is ready access to eyewash units and safety shower. Also ensure adequate ventilation is provided in the work space.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

<b>Appearance</b>	White crystalline powder
<b>Odour</b>	Strong Acid
<b>pH 1%</b>	1.1 – 1.6
<b>Flash Point</b>	Not applicable
<b>Ignition Point</b>	Not applicable
<b>Solubility in water</b>	213g/Litre

**10. STABILITY AND REACTIVITY:**

The product is considered stable in normal storage and use. Evaporation will occur if exposed to air.  
Avoid contamination with oxidising substances.  
Hazardous polymerisation will not occur.  
Combustion will release oxides of carbon and nitrogen.

**11. TOXICOLOGICAL INFORMATION:**

No data is available for the product.

**12. ECOLOGICAL INFORMATION:**

No data is available for the product.

**13. DISPOSAL CONSIDERATIONS:**

Minor spilled liquids (after neutralisation) may be disposed of through town wastewater systems where these are authorised for industrial use.  
Major spills, which have been collected by machine or on absorbants, should be disposed of by waste disposal experts in accordance with local regulations.  
Used containers should be rinsed, not recycled, but disposed of in landfill or incinerated.

**14. TRANSPORT INFORMATION:**

NZ Land Transport Rule: Dangerous Goods Rule 2005	Classified as dangerous for Land Transport in New Zealand
UN No 2967	
Class 8 Packing Group III Hazchem 2X	

**15. NZ REGULATORY INFORMATION:**

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.  
This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.  
Cleaning Products Corrosive Group Standard: HSR002526

HSNO Act Controls Regulations 2001 for this product:

Wear gloves and eye safety glasses handling this product	Use good well defined measures to make dilutions
Use buckets to dilute this product before use	Keep unused product in secure containers to prevent mistaken use
Label or mark containers used to hold this product	

**16. OTHER INFORMATION:**

Formulation reference and version number: K3-149  
This SDS was prepared from data available on 31 August 2019  
This SDS was printed on 10 August 2021.  
This SDS will be reviewed no later than 31 August 2024

**END OF THIS SAFETY DATA SHEET**