

SAFETY DATA SHEET

BOOMBLITZ



1. SUBSTANCE IDENTIFICATION

PRODUCT NAME	BOOMBLITZ
SUPPLIER NAME	Alphakem Global Pty Ltd
ABN	86 621 159 608
SUPPLIER ADDRESS	PO Box 1354, Sunshine West, VIC 3020
SUPPLIER CONTACT DETAILS	0428 506 665 www.alphakem.com.au
EMERGENCY PHONE	
POISON INFORMATION	13 11 26 (24 hours)
CHEMICAL EMERGENCY	0428 506 665
USE	Pesticide decontaminant

2. HAZARDS IDENTIFICATION

Classified as Hazardous according to GHS criteria

GHS CLASSIFICATIONS	Corrosive to metals Category 1 Skin corrosion Category 1A Serious eye damage Category 1 Acute inhalation toxicity Category 4 Hazardous to the aquatic environment acute Category 2 Hazardous to the aquatic environment chronic Category 2
SIGNAL WORD	DANGER
PICTOGRAMS	
HAZARD STATEMENTS	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H332 Harmful if inhaled. H401 Toxic to aquatic life (acute) H411 Toxic to aquatic life with long lasting effects (chronic)
PREVENTION STATEMENTS	P102 Keep out of reach of children. P103 Read carefully and follow all instructions. P234 Keep only in original container. P260 Do not breathe dust/fume P264 Wash face and hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves / protective clothing / eye protection / face protection.
RESPONSE STATEMENTS	P101 If medical advice is needed, have product container or label on hand. P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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2. HAZARDS IDENTIFICATION

	P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/physician. P363 Wash contaminated clothing before reuse. P390 Absorb spillage to prevent material damage. P391 Collect spillage.
STORAGE STATEMENTS	See Section 7.
DISPOSAL STATEMENTS	P501 Dispose of contents/ containers in accordance with relevant regulations. See Section 13.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMMON NAME	CAS NUMBER	CONCENTRATION %w/w
Sodium carbonate	497-19-8	50 - 60
Sodium tripolyphosphate	7758-29-4	10 - 30
Sodium hydroxide	1310-73-2	<10
Sodium dichloroisocyanate	51580-86-0	10 - 20

4. FIRST AID MEASURES

For advice call the Poison Information Centre (ph 13 11 26) 24 hours or a doctor. If medical advice is needed have product container or label to hand.

EYE CONTACT	Get immediate medical attention. Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
SKIN (or hair) CONTACT	Remove contaminated clothing and flush skin and hair with running water. If skin irritation occurs, get medical advice/ attention.
INHALATION	Remove to fresh air and keep at rest in a position comfortable for breathing. Apply artificial respiration if not breathing. Call doctor if you feel unwell.
INGESTION	Do NOT induce vomiting. Rinse mouth. Call the Poison Information Centre or a doctor if you feel unwell.
NOTES TO DOCTOR	Treat symptomatically.
FIRST AID FACILITIES	Eye wash facilities and safety shower should be available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Water fog. Prevent extinguishing media from entering drains.
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5. FIRE FIGHTING MEASURES

THERMAL DECOMPOSITION PRODUCTS	Thermal decomposition products include chlorine gas therefore fumes are toxic and corrosive.
SPECIAL FIRE FIGHTING METHODS	Self-contained breathing apparatus with full face-piece and protective clothing. Cool fire exposed containers with water spray.
HAZCHEM CODE	2W

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Exclude non-essential people from the area. Wear Personal Protective Equipment (PPE) as detailed in Section 8 of the SDS. Ventilate enclosed spaces.
ENVIRONMENTAL PRECAUTIONS	Prevent product from entering waterways or drains.
SPILLS AND DISPOSAL	Spills may be slippery and should be cleaned up immediately. Contain spillage, neutralise with sodium thiosulphate if available, then cover / absorb with inert, non-combustible absorbent material (attapulgate or similar). Collect and place in suitable sealed, labelled containers for disposal. Wash area with water and absorb with further inert material. DO NOT incinerate as heating releases toxic and corrosive vapours.

7. HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING	Carefully read the label before use. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands and face before eating. Prohibit eating, drinking and smoking in contaminated areas.
STORAGE	Store in original container, tightly closed, in a secure, dry, cool and well-ventilated area and avoid direct sunlight. Store away from foodstuffs, fertilisers or seeds. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Do not subject to extremes of temperature. Not to be transported in unlined metal drums. Do not store for prolonged periods in direct sunlight. This material is an S6 Poison and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS	Workplace exposure standards Sodium hydroxide TWA 2 mg/m ³ (peak limitation) Chlorine TWA 1ppm / 3 mg/m ³ (peak limitation)
EYE PROTECTION	Wear splash proof goggles and face shield
RESPIRATORY PROTECTION	Respiratory protection is not required if good ventilation is maintained. Where an inhalation risk exists, wear a full face respirator.
PROTECTIVE CLOTHING	Wear overalls, chemical resistance gloves and rubber boots.
ENGINEERING CONTROLS	Use in a well ventilated area.
HYGIENE PRECAUTIONS	Do not eat, drink or smoke while working with this product. Remove clothing that becomes soaked or contaminated and wash before reuse. Wash hands and face before breaks and after work.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / STATE/ ODOUR	Light bluish powder with chlorine odour
BOILING POINT	Not Available
DENSITY	1.06 g/ml @ 25°C
DECOMPOSITION TEMPERATURE	Not Available.
FLASHPOINT	Not Applicable.
EXPLOSION PROPERTIES	Not Applicable.
SOLUBILITY	Soluble in water
pH	>12
SETTING POINT	Not Applicable.
AUTOIGNITION TEMP	Not Determined.
VAPOUR DENSITY	Not Applicable.
VAPOUR PRESSURE	Not Applicable.
VISCOSITY	Not Applicable.
OCTANOL / WATER PARTITION COEFFICIENT	Not Applicable.
OTHER PROPERTIES	Oxidising agent. Reacts with acids evolving chlorine. When heated to decomposition, emits toxic fumes including chlorine.

10. STABILITY AND REACTIVITY

STABILITY	Contamination of product and exposure to light with accelerate decomposition.
CONDITIONS TO AVOID	Direct sunlight,
MATERIALS TO AVOID	Acids, reducing agents. Corrosive to many metals with liberation of extremely flammable hydrogen gas. Reacts violently with acids, and chlorinated hydrocarbons. Reacts with ammonium salts liberating ammonium gas. Exothermic reaction with water. Absorbs carbon dioxide from air.
HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous polymerisation will not occur. Thermal decomposition may produce toxic fumes and compounds.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	No toxicological data is available for the finished product.
ORAL TOXICITY	Causes corrosion of mucous membranes.
DERMAL TOXICITY	No information.
INHALATION TOXICITY	Harmful if inhaled. May cause respiratory irritation.
EYE CORROSION / IRRITANCY	Causes serious eye damage.
SKIN CORROSION / IRRITANCY	Causes severe skin burns.

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11. TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS	
CARCINOGENICITY	No information
REPRODUCTIVE TOXICITY	No information
GERM CELL MUTAGENICITY	No information
ASPIRATION	No information
STOT/SE	No information
STOT/RE	No information
NARCOTIC EFFECTS	No information

12. ECOLOGICAL INFORMATION

TOXICITY	Very toxic to aquatic life with long lasting effects.
PRECAUTIONS	This product must not be applied directly into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the area of application. Avoid contamination of any waterways with product or empty container.
ECOTOXICITY INFORMATION	Sodium dichloroisocyanurate LC50 (Oncorhynchus mykiss, 96hr) 0.25 mg/L EC50 (Daphnia magna, 48hr) 0.28 mg/L
BIOACCUMMULATIVE	No information.
READILY DEGRADABLE	No

13. DISPOSAL CONSIDERATIONS

Do not contaminate streams, rivers or waterways with the chemical or the used container.	
PRODUCT DISPOSAL	Dispose of by using product as intended, according to the label directions. If this is not possible, dispose of at an approved landfill. For large amounts contact your supplier or chemical recycling facility. Consult your local authority for disposal.
CONTAINER DISPOSAL	DO NOT burn. Dispose at an approved landfill.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN CODE OR THE TRANSPORT OF DANGEROUS GOODS BY ROAD AND RAIL.



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14. TRANSPORT INFORMATION

	Land Transport (ADG code)	Sea Transport (IMDG)	Air Transport (IATA)
UN Number	1759	1759	1759
Proper Shipping Name	CORROSIVE SOLIDS, N.O.S. (contains 7% sodium hydroxide)	CORROSIVE SOLIDS, N.O.S. (contains 7% sodium hydroxide)	CORROSIVE SOLIDS, N.O.S. (contains 7% sodium hydroxide)
Transport Hazard Class	8	8	8
Subsidiary Class	9	9	9
Packing Group	II	II	II
Hazchem	2W	2W	2W
Marine Pollutant Status	Marine Pollutant		

The Environmentally Hazardous Substance Mark is not required when transported in packages of less than 5kg/L (UN Model Regulations: Special Provision 375; IATA Special Provision A197; IMDG; Special Provision 969)

15. REGULATORY INFORMATION

APVMA REGISTRATION	Not listed
POISON SCHEDULE	6
INVENTORY	Australian Inventory of Chemical Substances.
STATUS	Components Listed

16. OTHER INFORMATION

SDS ISSUE DATE	6 April 2022
SDS REVIEW DATE	April 2027
REFERENCES	Supplier SDS Safe Work Australia – Workplace Exposure Standards Australian Pesticides and Veterinary Medicines Authority
ABBREVIATIONS	
APVMA	Australian Pesticides and Veterinary Medicines Authority
CAS Number	Chemical Abstract Service Number - used to uniquely identify chemical compounds
g/L	Grams per litre
GHS	Globally Harmonised System
HSNO	Hazardous Substances and New Organisms
LC50	Lethal Concentration, 50% / Median Lethal Concentration
LD50	Lethal Dose, 50% / Median Lethal Dose
mg/m ³	Milligrams per cubic metre
STEL	Short Term Exposure Limit
WES	Workplace Exposure Standard
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
TLV	Threshold Limit Value
TWA	Time Weighted Average
OEL	Occupational Exposure Limit

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16. OTHER INFORMATION

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products properties.

End of Safety Data Sheet