

Safety Data Sheet

Aqua One Algae Block

1. Identification of the material and supplier

Product name: Aqua One Algae Eliminator
Manufacturer's Product Code: 95001, 95008, 95010
Recommended Use: Control of algae and green water in freshwater aquariums
Company: Kong's (Aust.) Pty Limited
Address: 97 Williamson Rd Ingleburn, NSW, 2565
Telephone Number: +61 (2) 8796 5188
Fax Number: +61 (2) 8796 5199

2. Hazards Identification

Classified as hazardous according to criteria of Safe Work Australia.
Not classified as a Dangerous Good according to the ADG Code

3. Composition/Information on Ingredients

Diuron (C₉H₁₀Cl₂N₂O) [3-(3,4-dichlorophenyl)-1,1-dimethylurea]
CAS No.: 330-54-1
Percent Range: 0.28% w/w
LD50: 3400mg/kg (Rat)
LC50: >5mg/L (Acute inhalation; Rat, 4hr)

Hazard: H351 - Suspected of causing cancer
H302 - Harmful if swallowed
H373 - May cause damage to organs through prolonged or repeated exposure
H410 - Very toxic to aquatic life with long lasting effects

Risk Phrases: R22 - Harmful if swallowed
R40 - Limited evidence of carcinogenic effect
R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed
R50/53 - Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

Safety Notices: S(2) - Keep out of reach of children
S13 - Keep away from food, drink and animal feeding stuffs
S22 - Do not breathe dust
S23 - Do not breathe fumes/spray/vapour
S37 - Wear suitable gloves
S46 - If swallowed, seek medical advice immediately and show label/container
S60 - This material and its container must be disposed of as hazardous waste
S61 - Avoid release into the environment

Calcium Sulfate Hemihydrate (CaSO₄·½H₂O) [2(CaSO₄)·H₂O]

CAS No.: 10034-76-1

Percent Range: >99%

LD50: None reported

LC50: None reported

Hazard: No effects anticipated.

4. First Aid**Inhalation:**

Remove to fresh air.

Ingestion:

If swallowed, induce vomiting. Use Ipecac Syrup (AFP) if available.

Skin Contact:

Wash exposed area with soap and water. Seek medical advice if irritation develops.

Eye Contact:

Wash thoroughly with running water. Seek medical advice if irritation develops.

5. Fire Fighting Measures**Flammable Properties:**

Not flammable

Hazardous Combustion Products:

Product will decompose when burnt and will emit toxic fumes. Fire-fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or smoke. If this product is scattered there is a possibility that it could form flammable or explosive dust clouds in the air.

Fire / Explosion Hazards:

None expected

Extinguishing Media:

Extinguish fire using carbon dioxide, foam or dry agent. If not available, use waterfog or fine water spray but ensure all runoff is contained. Contain all runoff.

Fire Fighting Instruction:

Isolate fire area. Evacuate downwind residents. Wear full protective clothing and self contained breathing apparatus. Do not breathe smoke or vapours generated.

6. Accidental Release Measures**Exposure Controls/Personal Protection****Ventilation System:**

Natural ventilation only required.

Skin Protection:

PVC or neoprene gloves should be worn.

Eye protection:

Chemical safety glasses can be worn.

Spill or Release Procedures:

Sweep up spills, wrap in paper and place in garbage.

7. Handling and Storage**Precautions for Safe Handling:**

None required.

Special Precautions & Conditions**For Safe Storage:**

Store in closed original container in a cool, dry place out of reach of children.

8. Exposure controls and personal protection

Engineering Controls: Have an eyewash station nearby. Have a safety shower nearby. Use general ventilation to minimize exposure to mist, vapour or dust. Maintain general industrial hygiene practices when using this product.

Personal Protective Equipment:

Eye Protection: None considered necessary during normal usage. Chemical safety glasses can be worn.

Skin Protection: None considered necessary during normal usage. PVC or neoprene gloves can be worn.

Inhalation Protection: Adequate ventilation

Precautionary Measures: Avoid contact with: eyes skin clothing Do not breathe dust. Wash thoroughly after handling.

9. Physical & Chemical Properties

Appearance:	Solid white block
Odour:	Odourless
Solubility:	Soluble in water
Specific gravity:	N/A
pH:	N/A

10. Stability & Reactivity

Stability:	Stable under ordinary conditions of use and storage
Hazardous Decomposition Products:	Oxides of nitrogen and other unknown hazardous material may be formed in a fire situation. Oxides of carbon and/or other asphyxiants may be formed from incomplete combustion.
Hazardous polymerisation:	Will not occur
Incompatibilities:	Strong acids
Conditions to avoid:	Excessive heat and incompatibilities

11. Toxicological Information

Ingredient	GHS Hazard Category
Duiron	Carcinogenicity - category 2 Acute toxicity - category 4 Specific target organ toxicity (repeated exposure) - category 2

12. Ecological Information

Ingredient	GHS Hazard Category
Duiron	Hazardous to the aquatic environment (acute) - category 1 Hazardous to the aquatic environment (chronic) - category 1

13. Disposal Considerations

Dispose of in accordance to local, state and federal laws.

14. Transport Information

Not regulated

15. Regulatory Information

APVMA Approval number: 65611

16. Other information

Date of preparation: 23/04/2015

The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Kong's (Aust) Pty Limited shall not be held liable for any damage resulting from handling or from contact with the above product.