

Super Algaecide. Algaecide

Safety Data Sheet (SDS)

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Ocean Spot algaecide, Super algaecide

General Use: Swimming Pool Algaecide.

Colour: Blue

Manufacturer/Agent:

Tangent limited

Tangent Building Beaula Beach Estate

Behind Shoprite Egbu Road

Owerri, Imo State

SECTION 2: COMPOSITION / INFORMATION OF INGREDIENTS / DOSAGE

Benzalconium chloride

Molecular weight: 358 g/mol weight

DOSAGE INFORMATION:

As a guide, a 1-liter product to 100 cubic metres of pool water is suitable for normal treatment.

Concentrations may be increased without harm depending on the severity of algae growth.

SECTION 3: HAZARDS IDENTIFICATION:

EMERGENCY OVERVIEW

Physical Appearance: Blue colored liquid

IMMEDIATE CONCERNS:

CAUTION: Avoid contact with skin, eyes or clothing. Harmful if swallowed. Wear goggles or safety glasses and rubber gloves when handling this product. Remove and wash contaminated clothing before reuse.

POTENTIAL HEALTH EFFECTS

EYES

Caution: Causes eye irritation. Avoid contact with eyes.

SKIN:

Product is irritating to skin. Avoid contact with skin.

INGESTION:

Harmful if swallowed

INHALATION:

Harmful by inhalation.

SECTION 4: FIRST AID MEASURES

EYE

If contact with eyes occurs, immediately flush with cold water for at least 15 minutes. Then get immediate medical attention.

SKIN:

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Wash off excess chemical with soap and water and flush skin with cold water for at least 15 minutes. If irritation occurs get medical attention.

INGESTION:

If swallowed, drink large amount of water. Do not induce vomiting, avoid alcohol. Contact physician immediately.

SECTION 5: FIRE FIGHTING MEASURES

FIRE FIGHTING EQUIPMENT

Firefighters should wear full protective clothing and self-contained breathing apparatus (SCBA). Thoroughly decontaminate firefighting equipment including all firefighting wearing apparel after the incident.

EXTINGUISHING MEDIA:

Dry chemical, water foam or carbon dioxide. Water should be used to cool surrounding containers.

INHALATION:

Take victim to fresh air. Limit inhalation, allow sufficient rest.

SECTION 6: SPILLAGE/MITIGATION:

In event of spillage keep third parties away from immediate environment. Minimize or limit spillage as much as possible. Contain product with efficient absorbent media; sand or soil. In event of large spillage, dike may be necessary to limit spillage. Avoid product spillage into river. Do not wash down the drain.

SECTION 7: HANDLING AND STORAGE

While handling this product, do not eat, drink or smoke. Wear coverall, rubber hand gloves and protective goggles when working with this product. Ensure that you wash thoroughly any material including clothing used in handling process. Store product at room temperature, preferably on shelves or pallets. Do not refrigerate

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

SKIN PROTECTION:

Wear suitable protective clothing. A long-sleeved coverall is more adequate. Fresh water source is advisable.

EYES PROTECTION:

Ensure there is a suitable eye wash station or a good source of fresh water where eyes can be washed in event of eye contact.

Wear safety goggles.

HAND PROTECTION:

Wear chemical nose mask suitable to the chemical class.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

pH: 5.0-7.0

Boiling Point/range: Not applicable

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Melting Point/range: Not applicable
Flammability Non flammable
Flash Point: Not flammable
Solubility in water: Complete
Specific gravity: 1.00 Approx.
Colour: Blue

SECTION 10: STABILITY AND REACTIVITY

Product is suitable under normal conditions of temperature and pressure.
Avoid extremes of temperature.
Keep away from oxidants and anionic detergents.

SECTION 11: TOXICOLOGICAL INFORMATION

- Acute toxicity in rats. <D50 =1400 mg/kg
- Irritation of the skin: Corrosive
- Allergy – inducement, carcinogenesis, narcosis and reproductive.
- Toxicity: Not established.

SECTION 12: ECOLOGICAL INFORMATION

Product is biodegradable.
Complete elimination from ecosystem by combination with anion active substances.

SECTION 13: DISPOSAL CONSIDERATION

Absorb product with suitable absorbent media. Contact local environment disposal authority.

SECTION 14: TRANSPORTATION OF PRODUCT

Product labels to be clearly displayed indicating that product is corrosive and harmful.
Transport in plastic containers.

SECTION 15: REGULATORY INFORMATION

Legislation is considered only for the substance, and is not applicable when substance is decanted and or applied in another mixture or compound.

SECTION 16: OTHER RELEVANT INFORMATION

General Note: - the health, safety and environmental information contained in this SDS are not exhaustive.

Only trained personnel are expected to administer this product.