

1. Product and Company Identification

www.rxmarine.com

Product Name ECO Chlor Biological Guard Antifouling
Part Number RXSOL-23-4003-220

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone +91 22 20871200 - 1400
Fax +91 22 27612100 ::AOH :0091 9821214367
Email mail@rxmarine.com
Website www.rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

Chemical Name	Cas No	EC No	Formula
Sodium Chlorite	7758-19-2	231-836-6	NaClO ₂
Proprietary Blend	---	---	---

3. Hazards Identification

www.rxmarine.com

Signal Word	Danger
Hazard Statements	H271 May cause fire or explosion: strong oxidizer. H301 Toxic if swallowed. H310 Fatal in contact with skin H314 Causes severe skin burns and eye damage. H373 May cause damage to organs through prolonged or repeated exposure. H410 Very toxic to aquatic life with long lasting effects.
Precautionary statements	P221 Take any precaution to avoid mixing with combustibles. P260 Do not breathe dust/fume/gas/mist/vapors/spray. P280 Wear protective gloves/protective clothing/eye protection/ face protection. P284 (in case of inadequate ventilation) Wear respiratory protection.
Other hazard	No data available

4. First Aid Measures

www.rxmarine.com

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible). In case of contact with clothing: Remove clothing immediately. Submerge in water to prevent the possibility of a fire. Wash shoes with water
Eye Contact	Immediately rinse with water for at least 30 minutes while holding the eyelids wide open. Immediately call a POISON CENTER or doctor/physician. Continue rinsing eyes during transport to hospital
Swallowed	Do NOT induce vomiting. Seek medical attention immediately.
Skin Contact	Take off contaminated clothing and shoes immediately. Flush skin with soap and plenty of water. Immediately call a POISON CENTER or doctor/physician

Inhalation	Using proper respiratory protection, immediately move the exposed person to fresh air. Keep at rest and in a position comfortable for breathing. Seek medical attention immediately. If not breathing, give artificial respiration
Ingestion	No data available
Most important symptoms and effects, both acute and delayed	No data available
Indication of any immediate medical attention and special treatment needed	If you feel unwell, seek medical advice (show label where possible).

5. Fire-fighting Measures

www.rxmarine.com

Flammability	No data available
Suitable extinguishing media	Water. Form curtains of water to absorb the gases that are generated in the combustion. Keep containers and deposits cool, spraying them with water if exposed to the fire. If feasible, remove the combustible agent. Remove the containers from the area of fire, if this does not entail risk.
Unsuitable extinguishing media	CO ₂ powder (powdered dry ice), foam (organic products)
Hazardous combustion products	Chlorine, oxygen, and hydrochloric acid.
Protective Equipment	No data available
Specific Hazard Arising from the Chemical	This product is not flammable or explosive. If it reaches 175 degrees C it decomposes to chlorine and chlorate. Subsequent decomposition of the chlorate produces oxygen which may give rise to the explosion or bursting of closed containers.
Advice for firefighters	Self contained breathing equipment. Individual protective equipment (gloves and suitable clothing). Seek location with your back against the wind

6. Accidental Release Measures

www.rxmarine.com

Personal precautions, protective equipment and emergency procedures	Avoid contact with the eyes, skin and clothing. Do not act without appropriate protective equipment.
Spillage	No data available
Personal Protection	No data available
Environmental Precaution	Recover the whole product that is possible in a clean dry plastic or metallic container. Following product recovery, flush area with water. If spill could potentially enter any waterway, including intermittent dry creeks, contact the U.S. COAST GUARD NATIONAL RESPONSE CENTER at 800-424-8802. In case of accident or road spill notify CHEMTREC at 800-424-9300 (in USA) or (international code) + 1-703-527-3887.
Methods and materials for containment and cleaning	Absorb any spillage using sand, earth or clay. Wash the area with plenty of water. Take the absorbent products to a safe storage for treatment by expert personnel in handling the product or an authorized waste handler.
Reference to other sections	See heading 8, Exposure Controls and Personal Protection.

7. Handling and Storage

www.rxmarine.com

Advice for safe handling	Avoid the formation of sparks. Avoid mixing with incompatible products (acids, acid materials, combustible materials, oils, greases, etc.). Avoid dust formation.
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Provide good ventilation in process area to prevent formation of vapor. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing

	before reuse. Do not eat, drink or smoke in the areas where product is used
Technical measures	Observe all regulations and local requirements regarding storage of containers
Storage conditions	Store in a dry, cool and well ventilated place. Keep containers closed when not in use. Store away from heat sources, ignition sources, direct sunlight, incompatible materials, combustible materials.. Storage areas should be periodically checked for corrosion and integrity. Usable materials for containers are Polyester, PVC, stainless steel, or coated steel
Incompatible materials	Wood, rubber, aluminum, copper and alloys

8. Exposure controls and personal protection

www.rxmarine.com

Enviornmenta exposure control	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Avoid the emission of dust to the atmosphere.
Engineering Control	Use adequate ventilation to keep a low concentration in air.
Personal Protective Equipment	Avoid all unnecessary exposure. In the event of emission of sodium chlorite powder, use mas with a dust filter (EN 143 P2 or P3). In the event of formation of chlorine dioxide use breathing protection mask with filter for inorganic gases (Chlorine) for low concentrations, for higher concentrations use self contained breathing equipmen
Protective clothing	Wear suitable protective clothingImpermeable protective gloves. Nitrile rubber, PVC (do not use leather or rubber)
Eye/face protection	Chemical goggles.
Skin and body protection	Wear suitable protective clothing. Chemical resistant suit.
Respiratory protection	Use a NIOSH approved respirator or self contained breathing apparatus whenever exposure may exceed established Occupations Exposure Limits. Where risk assessment shows air purifying respirators are appropriate use a full face particle respirator type N100.
Other Protection Measure	Do not eat, drink or smoke during use.

9. Physical and chemical properties

www.rxmarine.com

Odour	Unpleasant odour, Strong smell
Appearance	Liquid, brown, dispersible in water
pH	10 -11 (5% in 50/50 H2O-IPA mix)
Boiling point	100 °C at 760 mm /Hg
Vapour pressure	Not known
Vapour density	(air = 1)
Freezing point	