

Product Name	Polyelectrolyte Cationic L
Part Number	RXSOL-40-4046-210

Company Details:....

RX MARINE INTERNATIONAL
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No Regulated Components GHS Classification H412 Hazardous to the aquatic environment, Long term
hazard, Category 3 Symbol(s) None Signal Word None Hazard statement Harmful to aquatic life with long
lasting effects. Precautionary statement Avoid release into the environment.

Inhalation Remove person to fresh air if having difficulty breathing. Skin Contact Wash thoroughly with soap and water for
15 minutes. Eye Contact Flush eyes with copious amounts of water for 15 minutes. Seek medical attention if irritation persists.
Ingestion Do not induce vomiting. Give water to dilute. Contact a physician if a large quantity of the product has been consumed. Note
to physicians None

Hazardous Combustion Products Oxides of carbon and nitrogen. Unusual Fire or Explosion Hazards Not
applicable Sensitivity to Mechanical Impact None Rate of Burning Not applicable Explosive Power Not
applicable Sensitivity to Static Discharge None Fire Extinguishing Media Use media suitable to extinguish source of fire.
Instructions to the Fire Fighters See below Fire Fighting Protective Equipment Wear full protective clothing and a
self-contained breathing apparatus.

Leak And Spill Procedure Prevent entry into drains, sewers and waterways. Soak up spill with absorbent material. Sweep up and put
into dry, clean and labelled containers for disposal. Due to the slippery nature of this product, clean up spills immediately and completely.

HANDLING Handling Practices Keep away from sources of ignition - No smoking.Take measures to prevent the build up
of electrostatic charge. Ventilation Requirements Keep away from alkalis, strong oxidizing agents and metals. Provide containment walls
of adequate capacity to hold any accidental spills. **STORAGE** Ventilation Requirements Store in a cool, dry area. Do not

freeze. Storage Requirements Store at room temperature. Keep containers tightly closed when not in use.

Engineering Controls None required. PERSONAL PROTECTIVE EQUIPMENT Skin (Specify) Rubber,
PVC or latex gloves if skin contact is likely Eye (Specify) Safety glasses if eye contact is likely Respiratory (Specify) None
Other (Specify) Eye wash and shower stations are close to work area if needed.

Physical state Liquid Odour & Appearance Clear thick blue liquid, mild odour Odour Threshold Not
applicable Auto Ignition Temperature (Celsius) Not applicable Upper Explosion Limit (% By Volume) Not applicable
Lower Explosion Limit (% By Volume) Not applicable Decomposition Temp (°C) Not applicable Specific Gravity
1.010 Viscosity 1300 cps min. Vapour Pressure Not available Vapour Density (Air-1) Not available
Flashpoint (°C) Not available Evaporation Rate Not available Boiling Point (°C) 100°C Freezing Point (°C)
0°C Solubility In Water (20°C) Soluble % Volatile (By Volume) 94% pH
8 - 10 Coefficient Of Water/Oil Distribution Not applicable

Chemical stability Yes X No If So, Which Ones Strong oxidizers and strong alkalis e.g. ammonia and caustic
soda. Conditions to avoid Contact with incompatible materials. Hazardous decomposition products Oxides of carbon
and nitrogen.

ACUTE HEALTH EFFECTS Inhalation None Skin Contact May cause mild irritation.
Eye Contact May cause mild irritation. Ingestion May cause gastritis – stomach upset, nausea, vomiting and diarrhea.
CHRONIC HEALTH EFFECTS None known Other Health Effects None known LD 50 of Material (Specify Species and
Routes) Not available Exposure (Limits) Not available Irritancy of Material None established Sensitization of
Material Mild skin and eye irritant Synergistic Materials None known Carcinogenicity, Mutagenicity, Reproductive Effects,
Teratogenicity None known

Ecotoxicity Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment. ALGAE TEST
RESULTS Acute Toxicity, Seawater (ISO 10253) 72 h, Marine Algae (Skeletonema Costatum): 0.75 mg/l IC50 Growth Inhibition (OECD 201) 96
h, Green Algae (Selenastrum Capricornutum): >10-100 mg/l IC50 FISH TEST RESULTS Acute Toxicity, Freshwater (OECD
203) Zebra Fish (Brachydanio Rerio): >10-100 mg/l LC50 Acute Toxicity, Seawater (Parcom) Juvenile Turbot (Scophthalmus Maximus):
1769 mg/l LC50 INVERTEBRATE TEST RESULTS Acute Immobilization (OECD 202) Water Flea (Daphnia Magna) :
>10-100 mg/l EC50 Acute Invertebrate Toxicity, Seawater (Parcom) Marine Copepod (Acartia Tonsa): 204 mg/l EC50 Immobilization
Acute Immobilization (OECD 202) Water Flea (Daphnia Magna) : >10-100 mg/l EC50 Acute Invertebrate Toxicity, Seawater (Parcom)
Marine Copepod (Acartia Tonsa): 204 mg/l EC50 Immobilization Biodegradability This material is not readily biodegradable.
Bioaccumulative Potential Not available Mobility In Soil Not available

Waste Disposal Dispose absorbed material in accordance with federal, provincial and local regulations. Safe Handling of
Residues Remove residues by scrubbing. Disposal of Packaging Dispose absorbed material in accordance with federal, provincial
and local regulations.

CANADIAN TDG ACT SHIPPING DESCRIPTION

Proper shipping name	Not regulated	Class	Not applicable	Packing group	Not applicable
UN	Not applicable				

US DOT CLASSIFICATION (49CFR 172.101, 172.102)

Proper shipping name	Not regulated	Class	Not applicable	Packing group	Not applicable
UN	Not applicable				

WHMIS	Non Controlled	CPR Compliance	This product has been classified in accordance with the hazard criteria of the			
CPR and the MSDS contains all the information required by the CPR.			USA	Not available	INTERNATIONAL	Not available

Other Information

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