

Product Code	RXSOL-33-3302-230
Product Name	ANTISCALANT

Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
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INGREDIENTS CAS no

Concentration

Exposure Limits / Health Hazards

Phosphonic acid, (1-hydroxyethylidene)bis-, disodium salt 7414-83-7 10% ND

PHOSPHONIC ACID

(1-HYDROXYETHYLIDENE)BIS

2809-21-4 7- 13 % ND Proprietary Blend of chemicals - >80% ND

Skin contact

May be irritating

Eye contact

May be irritating

Inhaled

Breathing of the mists, vapors or fumes may irritate the nose, throat and lungs. Symptoms may include sore throat, coughing, labored breathing, sneezing and burning sensation, depending on the concentration and duration of exposure. Overexposure to this material may cause systemic damage including target organ effects listed under "Toxicological Information"

inhaled

Remove to fresh air. If not breathing, institute rescue breathing. If breathing is difficult, ensure airway is clear and give oxygen

skin contact

Breathing of the mists, vapors or fumes may irritate the nose, throat and lungs. Symptoms may include sore throat, coughing, labored breathing, sneezing and burning sensation, depending on the concentration and duration of exposure. Overexposure to this material may cause systemic damage including target organ effects listed under "Toxicological Information"

eye contact

Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing.  
GET IMMEDIATE MEDICAL ATTENTION

#### Ingestion

Keep affected person warm and at rest. GET IMMEDIATE MEDICAL ATTENTION. Never give anything by mouth to an unconscious person. Do not induce vomiting because of danger of aspirating liquid into lungs, causing serious damage and chemical pneumonitis

#### EXTINGUISHING MEDIA

Material itself will not burn

#### BASIC FIRE FIGHTING PROCEDURES

area and fight fire from a safe distance. Use extinguishing agent suitable for type of surrounding fire. Use water spray to cool adjacent structures and to protect personnel. Shut off source of flow if possible. Firefighters must wear MSHA/NIOSH approved positive pressure breathing apparatus (SCBA) with full face mask and full protective equipment

emergency action

Keep unnecessary people away. Isolate spill area and keep unnecessary people away

environmental precautions

If product is released to the environment, take immediate steps to stop and contain release. Caution should be exercised regarding personnel safety and exposure to the released product. Notify local, provincial and/or federal authorities, if required

spill or leak procedure

Large spills may be neutralized with dilute alkaline solutions of soda ash or lime. Stop leak when safe to do so. Do not touch or walk through spilled material.

Precautions for safe handling

This material should be stored and shipped in plastic or plastic lined containers. Do not use with materials or equipment sensitive to acidic solutions

Conditions for safe storage, including any incompatibilities

Avoid contact with strong oxidizers, bases, and metals. Store in tightly closed containers in cool, dry area away from heat and incompatibles

#### engineering controls

General or local exhaust ventilation and other forms of engineering controls are the preferred means for controlling exposures.

#### Eye/face protection

Wear chemical safety goggles to prevent eye contact. Have eye washing facilities readily available where eye contact can occur

#### Skin protection

Avoid skin contact with this material. If skin contact is anticipated, protective clothing, including impervious gloves, should be worn. Protective glove materials include, but are not limited to natural rubber, neoprene or nitrile.

Appearance

Yellow to Amber liquid

Odour

NA

pH

3-6

Melting point/freezing point

-4 deegree

Specific Gravity

1.16 -1.2

Bulk Density

NA

Flah Point

NA

Water solubility

Complete soluble

STABILITY/INCOMPATIBILITY:- Incompatible with bases, and oxidizers. Avoid contact with metals. See precautions under Handling & Storage

skin contact

may be irritating

eye contact

may be irritating

inhaled

Breathing of the mists, vapors or fumes may irritate the nose, throat and lungs. Symptoms may include sore throat, coughing, labored breathing, sneezing and burning sensation, depending on the concentration and duration of exposure. Overexposure to this material may cause systemic damage including target organ effects listed under "Toxicological Information"

Potential routes of exposure Inhalation, skin contact, eye contact Potential effects of acute overexposure Inhalation exposure may cause tingling, coughing, sneezing, and difficulty breathing. Symptoms of skin and eye contact may include redness and irritation. Ingestion may cause stomach pains, cramps, and gastritis. Potential effects of chronic overexposure Prolonged or repeated skin overexposure to this product may cause dermatitis (dry, red skin). Symptoms may include tingling, redness, and visible injury. Symptoms of over-exposure Immediate: Inhalation exposure may cause tingling, coughing, sneezing, and difficulty breathing. Symptoms of skin and eye contact may include redness and irritation. Ingestion may cause stomach pains, cramps, and gastritis. Delayed: Prolonged or repeated skin overexposure to this product may cause dermatitis (dry, red skin). Symptoms may include tingling, redness, and visible injury. Conditions aggravated by overexposure Preexisting dermatitis, other skin conditions, and respiratory conditions may be aggravated by exposures to this product. Recommendations to physicians Treat symptoms and eliminate exposure. Irritation YES This product can be irritating to contaminated tissue. Sensitization NO Carcinogenicity NO Mutagenicity NO Reproductive toxicity NO Biological Exposure Index N/A Other potential health effects Currently, there are no Biological Exposure Indices (BEIs) for any component of this product.

Ecotoxicity No information available. Persistence and Degradability The components of this product decompose in soil and water. Bioaccumulative Potential The components of this product are not expected to bioaccumulate. Mobility in Soil When spilled onto soil, this product will infiltrate downward, the rate being greater with lower concentration because of reduced viscosity. During transport through the soil, this product will dissolve some of the soil material, in particular, carbonatebased materials. Other adverse effects This product may be harmful to aquatic life if large volumes of it are released into an aquatic environment.

#### Preparing Wastes of this Product for

Disposal Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations or with local regulations. This product, if unaltered by the handling, may be disposed of by treatment at a permitted facility or as advised by your local waste regulatory authority. Disposal of Contaminated Packaging Cleaned containers can be recycled or disposed of as non-contaminated waste, if authorized by your local authorities. Dispose of containers as required by local regulations. EPA Waste Number Not applicable.

#### DOT

UN	Number	Not applicable	Proper shipping name	Not applicable	Hazard Class
Not applicable	Packing group	Not applicable	Marine Pollutant NA Emergency Response Guide Number (2008)	Not applicable	Not applicable
Not applicable	Transport in Bulk (Annex II of MARPOL 73/78 and IBC Code)	Not applicable	Special Transport Precautions	Not applicable	Not applicable
Not applicable	National Motor Freight	#70			

#### International Air Transport Association

UN	Number	Not applicable	Proper shipping name	Not applicable
Hazard Class	Not applicable	Packing group	Not applicable	IATA Emergency Response Code
Excepted Quantity	Not applicable			

#### International Maritime Organization

UN	Number	Not applicable	Proper shipping name	Not applicable	Hazard Class
Not applicable	Packing group	Not applicable	Marine Pollutant NA Emergency Response Guide Number (2008)	Not applicable	Not applicable



applicable

Transport in Bulk (Annex II of MARPOL 73/78 and IBC Code)

Not applicable

SARA 302 RQ	NO	SARA 302 TPQ	NO	SARA 313 LISTED	NO	SARA 311/312 ACUTE	NO
SARA 311/312 CHRONIC	YES	SARA 311/312 FIRE	NO	SARA 311/312 PRESSURE	NO	SARA	
311/312 REACTIVITY	NO	EPA EXTREMELY HAZARDOUS SUBSTANCE	NO	WHMIS	E	DSL	YES
NDSL	N/A	REACH Pre-registered List	YES	TSCA	YES		

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