

Product Name	Alkalinity Test Kit (p-m) T
Part Number	RXSOL-62-5515-001

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

VASHI ,NEW BOMBAY 400703 INDIA

Phone +91 22 65113333 / 5555 / 9999 Fax +91 22 2781 1318 ::AOH :0091 9821214367 Email
123@rxmarine.com Website www.rxmarine.com

Ingrident	CAS Number	Weiught Percentage	phenolphthalein Solution	77-09-8	1 - 5%
Sodium Thiosulfate	7772-98-7	Bromophenol , sodium salt	62625-280-9	1-2%	

Classification Flammable liquid, Category 2, H225 .Carcinogenicity, Category 1B, H350 Germ cell mutagenicity, Category 2, H341

Signal Word Hazard Hazard Statement May be harmful if swallowed. Causes skin irritation.Causes eye damage.

Precaunory Statement Obtain special instructions before use.P210 Keep away from heat. P233 Keep container tightly closed. P281 Use personal protective equipment as required. Store in a well-ventilated place Skin Irritant Eyes Risk of damage to eyes.

Inhalation Do not breathe vapour/spray Ingestion NA Other Information This solution is corrosive. It can cause eye and skin burns; if vapors or mists are inhaled, it may cause severe respiratory tract irritation with possible burns. If ingested, this product may cause severe digestive tract irritation with possible burns.

Skin Generally the product does not irritate the skin. In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eyes Rinse opened eye for several minutes under running water. Check for and remove any contact lenses. Cold water may be used. Get medical attention.

Inhalation Supply fresh air; consult doctor in case of complaints. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

Suitable extinguishing media Carbon dioxide (CO₂), Foam, Dry powder

Unsuitable extinguishing media For this substance/mixture no limitations of extinguishing agents are given.

Combustible material Vapours are heavier than air and may spread along floors.

Forms explosive mixtures with air at elevated temperatures. Development of hazardous combustion gases or vapours possible in the event of fire.

Special hazards arising from the substance or mixture No further relevant information available

Special protective equipment for firefighters Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing

Further information Cool closed containers exposed to fire with water spray. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Small Spillage Always wear recommended personal protective equipment. Evacuate unprotected personnel.

Large Spillage Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation. Environmental precautions Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water

Handling Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Provide adequate ventilation

Storage Store in the closed, original container in a dry, well ventilated area. Keep container tightly closed when not in use. Protect from light, heat and contamination by organic materials (will affect product stability). Keep away from Children. Store at +15°C to +25°C.

Incompatibilities No further relevant information available.

Engineering Control Local exhaust ventilation is recommended when vapours can be released in excess of established airborne exposure limits. Technical measures and appropriate working operations should be given priority over the use of personal protective equipment

Personal Protective Equipment Skin Protection Disposable latex gloves and lab coat. See or follow local Standards for more information.

Eye Protection For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear chemical safety goggles.

Respiratory Protection None generally required for adequately ventilated work situations. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

General protective and hygienic measures Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Exposure Limits phenolphthalein Solution IN OEL Time Weighted Average 1,000 ppm (TWA):1,900 mg/m³

Environmental exposure controls Do not empty into drains. Risk of explosion.

Gloves

Suit

Appearance	Clear.	Physical State	Liquid	Odor	Alochol / Charastics	Odor Threshold	Not
Applicable	pH	Flash Point	Pheolthplene - 22 °C / Other have not flash point			Boiling Point	
78.3 °C / 100 °C	Freezing Point	Not Applicable	Vapor Pressure	Not Applicable		Vapor Density (Air = 1.0)	
Not Determine	Density	Not Applicable	Flammability	Not Applicable	Self-igniting	Product is not	
selfigniting.	Solubility in water	100 % Soluble	Danger of explosion	Not Applicable			

Stability Of Product	The product is stable. .	Thermal Decomposition	No decomposition if used according to specifications
Hazardous Decomposition	No dangerous reactions known.	Conditions to avoid	No further relevant information available
Incompatible materials	No further relevant information available.	Hazardous decomposition products	No dangerous
decomposition products known.	Hazardous Polymerization	Will not occur.	

Immediate (Acute) Effects **Phenolphthalein Solution** : Acute oral toxicity (LD50): 3600 mg/kg [Mouse]. (alcohol). Acute dermal toxicity (LD50): 12800 mg/kg [Rabbit].(alcohol).

Sodium Thiosulphate : LD50: Not available. LC50: Not available. Primary irritant effect

Ingestion: Swallowing can result in nausea, vomiting, diarrhoea, and abdominal pain.

Eye contact: A severe eye irritant. Contamination of eyes can result in injury.

Skin contact: Contact with skin will result in irritation.

Inhalation: Breathing in vapour may produce respiratory irritation.

Additional toxicological information No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs Chronic effects
No information available for the product.

Acquatic toxicity No further relevant information available Persistence and degradability Easily biodegradable
Bioaccumulative potential No further relevant information available. Ecological information Do not allow product to reach ground water, water course or sewage system Other adverse effects No further relevant information available.

RCRA hazardous waste Note Applicable Diaposal Condition Refer to local government authority for disposal recommendations. Dispose of contents/container in accordance with local/regional/national/international regulations.

Road and Rail Transport Not classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.
Marine Transport Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS. Air Transport Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS. Proper Shipping Name
Chemical Testing Kit

Subclass 6.1 Category E	Substances which are acutely toxic.	Subclass 6.3 Category A	Substances that are irritating to the skin.		
Subclass 8.3 Category A	Substances that are corrosive to ocular tissue.	Hazard Statement	H303	May	
be harmful if swallowed.	H315 Causes skin irritation.	H318 Causes serious eye damage.			

Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if **Rx Marine International** has been advised of the possibility of such damages.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.