Material Safety Data Sheet

pH Standard Solution 9.18 (RXSOL-60-6035-500)

1. Product and Company Identifaction

Product Name	pH Standard Solution 9.18
Part Number	RXSOL-60-6035-500

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

2. Composition / informationon ingredients

Component	CAS Number	Percent Comp.	Dimension	Exposure Limit
Sodium Borate Decahydrate	CAS# 1303-96-4	0.38%	W/V	OSHA TWA 10 mg/m*f*
Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

3. Hazards Identification

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

4. First Aid Measures

FIRST AID : Skin : Wash exposed area with soap and water. If irritation persists, seek medical attention.

Eyes : Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

Ingestion: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

Extinguishing media:

Suitable extinguishing agents: If in laboratory setting, follow laboratory fire suppression procedures. Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition For safety reasons unsuitable extinguishing agents: Special hazards arising from the substance or mixture: Combustion products may include carbon oxides or other toxic vapors.

Advice for firefighters:

Protective equipment: Additional information (precautions): Move product containers away from fire or keep cool with water spray as a protective measure, where feasible.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Use respiratory protective device against the effects of fumes/dust/aerosol. Keep unprotected persons away. Ensure adequate ventilation.Keep away from ignition sources. Protect from heat.Stop the spill, if possible. Contain spilled material by diking or using inert absorbent. Transfer to a disposal or recovery container.

Environmental precautions:

Prevent from reaching drains, sewer or waterway. Collect contaminated soil for characterization per Section 13.

Methods and material for containment and cleaning up: If in a laboratory setting, follow Chemical Hygiene Plan procedures.Collect liquids using vacuum or by use of absorbents. Place into properly labeled containers for recovery or disposal.

7. Handling and Storage

Handling:

Prevent formation of aerosols. Follow good hygiene procedures when handling chemical materials. Do not eat, drink, smoke, or use personal products when handling chemical substances. If in a laboratory setting, follow Chemical Hygiene Plan. Use only in well ventilated areas. Avoid splashes or spray in enclosed areas.

Conditions for safe storage, including any incompatibilities: Store in a cool location. Provide ventilation for containers. Avoid storage near extreme heat, ignition sources or open flame. Store away from foodstuffs. Store away from oxidizing agents.Store in cool, dry conditions in well sealed containers. Keep container tightly sealed

8. Exposure controls and personal protection

Respiratory Protection : None required

Protective Gloves : Gloves to prevent skin exposure as rubber or vinyl

Eye Protection : Safety Glasses w/Side Shields

Other Protective Equipment : Use safe laboratory handling procedures.



Gloves



Suit

9. Physical and chemical properties

Melting Point	:	~0° C
Boiling Point	:	~100° C
Vapor Pressure	:	Information not available
Vapor Density	:	Information not available
Solubility in Water	:	Soluble
Appearance /Odors	:	Colorless odorless liquid
Flash Point	:	not flammable
Specific Gravity	:	1.0
Percent Volatile by Volume	:	>99%
Evaporation Rate	:	1
Evaporation Standard	:	Water =1
Auto Ignition Temp	:	Not applicable
Lower Flamm. Limit in Air	:	Not applicable

Upper Flamm. Limit in Air	:	Not applicable

10. Stability and reactivity

Stability : Stable

Conditions to Avoid : High Temperature, air

Materials to Avoid : None known

Hazardous Decomposition Products : Possible fumes of Sodium oxide

Hazardous polymerization : Will Not Occur

Conditions to Avoid : None known

11. Toxicological information

Acute Toxicity	:	No additional information.
Chronic Toxicity	:	No additional information.
Corrosion Irritation	:	No additional information.
Sensitization	:	No additional information.
Single Target Organ (STOT)	:	No additional information.
Numerical Measures	:	No additional information.
Carcinogenicity	:	No additional information.
Mutagenicity	:	No additional information.
Reproductive Toxicity	:	No additional information.

12. Ecological information

Ecotoxicity Persistence and degradability: Readily degradable in the environment.

Bioaccumulative potential:
Mobility in soil: Aqueous solution has high mobility in soil.

13. Disposal considerations

Product/containers must not be disposed together with household garbage . Do not allow product to reach sewage system or open water.It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities.Consult federal state/ provincial and local regulations regarding the proper disposal of waste material that may incorporate some amount of this product.

14. Transport information

DOT Classification : Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

15. Regulatory information

SARA

Section 311/312 (Specific toxic chemical listings): None of the ingredients is listed.
SARA Section 313 (Specific toxic chemical listings): None of the ingredients is listed.
RCRA (hazardous waste code): None of the ingredients is listed
TSCA (Toxic Substances Control Act): All ingredients are listed.
CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): None of the ingredients is listed.

Proposition 65 (California):

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed
Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed
Chemicals known to cause developmental toxicity: None of the ingredients is listed

Canada

Canadian Domestic Substances List (DSL): All ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 0.1%): None of the ingredients is listed
Canadian NPRI Ingredient Disclosure list (limit 1%): None of the ingredients is listed

16. Other information

NFPA Rivision : Health, Flammability, Reactivity : 0.1

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 Rx Marine International 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.