Material Safety Data Sheet

Boiler Water Treatment Auto (RXSOL-50-5020-020)

1. Product and Company Identifaction

Product Name	:	**RXSOL-50-5020-020**
Product Type	:	**BOILER WATER TREATMENT AUTO TREAT**

Company Details:

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

Phone	:	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	:	+91 22 2781 1318 :::AOH :0091 9821214367
Email	:	mail@rxmarine.com

2. Composition / informationon ingredients

Chemica Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Potassium hydroxide	1-5	1310-58-3	215-181	22-35	C
Tripotassium phosphate	1-5	7778-58-3	231-907-1	-	-
Proprietory Blend Polymer and Chelating Agent	80-90	---	---	---	---

*See Section 16

3. Hazards Identification



Corrosive

Odour	Odourless
Appearance	Liquid, colour less to yellow, soluble in water
Contact with eyes	Corrosive to eyes, Can cause damage to the eyes
Contact with skin	Causes burns(R34)
Inhalation	No information available but must be considered harmful
Ingestion	Harmful if swallowed(R22)

4. First Aid Measures

Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash withsoap and water. Seek medical advice if necessary

Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15minutes Irrigate eyes thorough lywhilst lifting eyelids Obtain immediate medical attention Continue flushing with water until medical help arrives
Ingestion	Do not induce vomiting Never give anything by mouth to anunconscious person Give water or milk to drink Obtain immediate medical attention
Inhalation	Inhalation is unlikely to occur Seek medical attention if ill effects occur
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)(S45) When in doubt orsymptoms persist, seek medical attention

5. Fire-fighting Measures

- Non combustible
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as persection 8
Environmental Precautions	No special precautions are required for this product
Clean Up Actions	Absorb spillageininert material and shovelup Ventilate the area and wash spill site after material pick-up is complete
Special Precautions	Wear protective clothing as persection 8

7. Handling and Storage

Handling	Wear protective clothing as persection 8 Eye wash bottles should be available Avoid contact with skin and eyes(S24/25)
Storage	Keep only in the original container in a cool, well ventilated place(S3/9/49) Keep container tightly closed(S7)

8. Exposure controls and personal protection

Exposure Limits	TLV(TWA)2mg/m3(Potassium hydroxide)
Exposure controls	No special precautions are required for this product
Occupational exposure controls	Wear suitable protective clothing,including eye/face protection and gloves(plastic or rubbera recommended)


Gloves


Goggles


Suit


No_Smoking

9. Physical and chemical properties

Odour	Odourless
Appearance	Liquid, colour less to yellow, soluble in water
pH	13at 100%concentration
pH9.5	11at 0.2 %concentration
Boiling point &gt	100°Cat 760mm/Hg
Vapourpressure	not known
Vapourdensity	not applicable
Freezing point	0°Cat 760mm/Hg
Soluble in water	Completely
Specific gravity	(water=1)1.135

10. Stability and reactivity

- This article is considered stable under normal conditions
- Avoid over heating, Keep away from frost
- In compatible with acid
- See Section 5

11. Toxicological information

Toxicological information	No experimental data available
Inhalation	In halation is unlikely to occur
Contact with skin	Prolonged skin or eye contact may cause chemical burns
Contact with eyes	Prolonged skin or eye contact may cause chemical burns
Ingestion	The ingestion of significant quantities may cause burning sensation
Carcinogenicity	No evidence of carcinogenic effects

12. Ecological information

Ecotoxicity	May cause acute effects in the aquatic environment
Mobility	Completely soluble in water
Persistence and Biodegradability	Degrades by hydrolysis
Bioaccumulation Potential	Bioaccumulation of the components in this product is insignificant.
Other Adverse Effects	No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment. Presents little or no hazard to the aquatic environment

13. Disposal considerations

Classification	EUWasteclass: 06.02 This material and/or its container must be disposed of as hazardous
Disposal considerations	Do not discharge into drains or the environment,dispose to an authorised waste collection point Disposal should be in accordance with local, state or national legislation

14. Transport information

ProperShippingName: POTASSIUMHYDROXIDE, SOLUTION

UN

ProperShippingName:

UNNo.:

Potassiumhydroxide, solution

1814

HazardClass:

Road/Rail(ADR/RID)

ProperShippingName:

ADRUNNo.:

ADRHazardClass:

8PackingGroup:

Potassiumhydroxide, solution

1814

8

III

ProperShippingName:

IMDG UNNo.:

Revision: 31/12/2008

Potassiumhydroxide, solution

1814

IMDG HazardClass.:

IMDG EmS:

IMDG Labels:

Air(ICAO/IATA)

ProperShippingName:

ICAO UnNo.:

ICAO HazardClass.:

ICAO subrisk:

ICAO Flashpoint:

8IMDG PackGroup.:

F-A, S-BIMDG subrisk:

8IMDG Flashpoint:

Potassiumhydroxide, solution

1814

8ICAO PackingGroup.:

N/AICAO Labels:

N/A

III

N/A

N/A

III

8, CAO

DOT/ CFR(USDepartment ofTransportation

DOTProperShippingName:Potassiumhydroxide, solution

HazardousMaterial:

potassiumhydroxide

HazardClass:

Product RQ (lbs):

DOTLabels:

- For bidden on passenger air craft

15. Regulatory information

RiskPhrases	:	Causesburns (R34)
SafetyPhrases	:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice(S26) Wear suitable protective clothing, eye/face protection and gloves(S36/37/39) In case of accident or if you feel unwell, seek medical advice immediately(show the label where possible)(S45)

16. Other information

Text ofRandSphrasecodesusedinthissafetydatasheet:- R22: Harmfulifswallowed; R35: Causessevereburns.
Theinformationprovidedabout theproduct onthis SafetyDataSheet hasbeencompiledfromknowledge of theindividualconstituents Thedatagivenhereisbasedoncurrent knowledgeandexperience. ThisSafetyDataSheet describestheproduct intermsofsafetyrequirementsanddoesnot signify any warrantywithregardtotheproduct'sproperties .Thedatagivenhereonlyappliieswhenproduct used forproperapplication(s). Theproduct isnot sold assuitable forotherapplications-usage in such may cause risks not mentioned inthissheet. Donot useforother application(s)without seekingadvicefrommanufacturer