

1. Product and Company Identification

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Product Name RXSOL-60-6604-113
Product Type BUFFER SOLUTION pH 10.0
Revised date

Company Details:

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

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah, Muscat Barka

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2. Composition / Information on ingredients

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Substance / Preparation :

Di sodium tetraborate > 0.01
Sodium hydroxide : > 0.01
Water : > 99 % 7732-18-5

3. Hazards Identification

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Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Not classified.

Target Organs None known.

Potential Health Effects

Acute Effects

Principle Routes of Exposure

Eyes May cause irritation.

Skin May cause irritation. Low hazard for usual industrial or commercial handling.

Inhalation May cause irritation of respiratory tract. Low hazard for usual industrial or commercial handling.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Low hazard for usual industrial or commercial handling.

Chronic Effects None known.

Labelling EC 67/548 or EC 1999/45

Not classified.

Symbol(s) : None.

R Phrase(s) : None.

S Phrase(s) : None.

4. First Aid Measures

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Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least

15 minutes. Obtain medical attention.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Get

medical attention immediately if symptoms occur.

Inhalation Move to fresh air. If breathing is difficult, give oxygen. Get medical attention

immediately if symptoms occur.

Ingestion Do not induce vomiting. Obtain medical attention.

Notes to Physician Treat symptomatically.

5. Fire-fighting Measures

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Flash Point No information available.

Method No information available.

Autoignition Temperature No information available.

Explosion Limits

Upper No data available

Lower No data available

Suitable Extinguishing Media Substance is nonflammable; use agent most appropriate

to extinguish surrounding fire..

Unsuitable Extinguishing Media No information available.

Hazardous Combustion Products No information available.

Sensitivity to mechanical impact No information available.

Sensitivity to static discharge No information available.

Specific Hazards Arising from the Chemical

None known.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. Accidental Release Measures

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Personal Precautions Use personal protective equipment. Avoid contact with skin, eyes and clothing.

Environmental Precautions Should not be released into the environment.

Methods for Containment and Clean Up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal..

7. Handling and Storage

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Handling Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place

8. Exposure controls and personal protection

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Exposure controls

Personal protection : Avoid all unnecessary exposure.

☒ **Respiratory protection** : Wear approved mask.

☒ **Hand protection** : Wear protective gloves.

☒ **Eye protection** : Chemical goggles or safety glasses.

☞ Others : When using, do not eat, drink or smoke.

Control parameters

Occupational Exposure Limits : No data available.

9. Physical and chemical properties

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Physical State Liquid

Odor odorless

Odor Threshold No information available.

pH 10

Vapor Pressure No information available.

Vapor Density No information available.

Viscosity No information available.

Boiling Point/Range No information available.

Melting Point/Range No information available.

Decomposition temperature No information available.

Flash Point No information available.

Evaporation Rate No information available.

Specific Gravity No information available.

Solubility Soluble in water

log Pow No data available

10. Stability and reactivity

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Stability Stable under normal conditions.

Conditions to Avoid None known.

Incompatible Materials None known

Hazardous Decomposition Products None known

Hazardous Polymerization Hazardous polymerization does not occur

11. Toxicological information

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Acute Toxicity

Product Information No acute toxicity information is available for this productcriteria are not met.

Irritation No information available.

Toxicologically Synergistic Products

No information available.

Chronic Toxicity

Carcinogenicity There are no known carcinogenic chemicals in this

productSensitization : Based on available data, the classification criteria are not met.

Sensitization No information available.

Mutagenic Effects No information available.

Reproductive Effects No information available.

Developmental Effects No information available.

Teratogenicity No information available.

Other Adverse Effects The toxicological properties have not been fully investigated..

See actual entry in RTECS for complete information.

Endocrine Disruptor Information No information available

12. Ecological information

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Ecotoxicity

Persistence and Degradability No information available

Bioaccumulation/ Accumulation No information available

13. Disposal considerations

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Waste Disposal Methods Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

14. Transport information

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Land transport (ADR-RID)

General information : Not regulated.

Sea transport (IMDG) [English only]

General information : Not regulated.

Air transport (ICAO-IATA) [English only]

General information : Not regulated.

15. Regulatory information

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Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, health and environmental : Ensure all national/local regulations are observed. regulations/legislation specific for the substance or mixture

REACH Restrictions - Annex XVII : With the exception of those listed below:

The components of this product are not subject to restrictions.

Annex XVII

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

Chemical Safety Assessment : It has not been carried out.

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic.

vPvB: very persistent and very bioaccumulative

Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Further information : None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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