# 1. Product and Company Identifaction

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Product Name BORAX ANHYDROUS
Part Number RXSOL-81-1529-025
Chemical Formula B4Na2O7

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

Branch: Gandhidham, Mumbai, Chennai, Muscat, Visakhapatnam, Kolkata, Fujairah, Nairobi

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Email123@rxmarine.comWebsitewww.rxmarine.com

# 2. Composition / Information on ingredients

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Name of SubstanceCas NumberEC NOBORAX Anhydrous1330-43-4215-540-4

### 3. Hazards Identification

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Signal word Danger

Hazard statement(s)

H360FD May damage fertility.

May damage the unborn child.

Precautionary statement(s) P201 Obtain special instructions before use.

P308 + P313 IF exposed or concerned: Get medica

Supplemental Hazard none

Statements Restricted to professional users.

Other hazards None

#### 4. First Aid Measures

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General advice Consult a Physician. Show this safety data sheet to the Inhalation If breathed in, move person into fresh air. If n

physician.

Skin Contact Wash off with soap and plenty of water. Consult a p

Eye Contact Flush eyes with water as a precaution.

Swallowed Never give anything by mouth to an unconscious per

Most important symptoms/effects, acute and delayed

The most important known symptoms and effects a

in section 11

Indication of any immediate medical attention and special treatment needed. Notes to Physician No data available

# 5. Fire-fighting Measures

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Suitable Extinguishing Media

Use extinguishing measures that are appropriate to

Special hazards arising from the substance or mixture

Advice for firefighters

Wear self contained breathing apparatus for fire fig

Further information

The product itself does not burn.

#### 6. Accidental Release Measures

Methods and material for containment and cleaning up

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Personal precautions, protective equipment and emergency procedures.

Use personal protective equipment. Avoid dus

Ensure adequate ventilation. Adequate ventilabreathing dust. For personal protection see section

Environmental Precautions Prevent further leakage or spillage if safe to do so.l

Pick up and arrange disposal without creating closed containers for disposal.

Reference to other sections For disposal see section 13.

# 7. Handling and Storage

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Precautions for safe handling

Avoid formation of dust and aerosols. Avoid ex appropriate exhaust ventilation at places where dust

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in

Specific end use(s)

Apart from the uses mentioned in section 1.2 no of

# 8. Exposure controls and personal protection

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Appropriate Engineering controls

Handle in accordance with good industrial hygiene

the end of workday.

Personal protective equipment Eye/face protection
Safety glasses with side-shields conforming to E

Skin protection appropriate government standards sometimes. Gloves must be inspected prior

touching glove's outer surface) to avoid skin conta after use in accordance with applicable laws and go

Body Protection Complete suit protecting against chemicals, The type to the concentration and amount of the dangerous s

Respiratory protection Where risk assessment shows air-purifying respiratory type N100 (US) or type P3 (EN 143) respirator of

respirator is the sole means of protection, use a components tested and approved under appropriate

NIOSH (US) or CEN (EU).

Control of environmental exposure Prevent further leakage or spillage if safe to do so.

# 9. Physical and chemical properties

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Appearance Crystalline
Colour White

Odour No information available
Odor Threshold No information available

pH 9,2 at 10 g/l

Melting Point/Freezing Point 62 °C point.

Initial Boiling Point and Boiling Range
No information available
Flash Point
Evaporation Rate
No information available
No information available

Solid Flammability (solid,gas)

Explosion Limits

No information available

Vapor Pressure

No information available

Vapor Density

No information available

No information available

No information available

1,73 g/mL at 25 °C

Water Solubility 38,1 g/l at 20 °C - completely soluble

Partition coefficient:n-octanol/water

Auto-ignition temperature

Decomposition temperature

No information available

No information available

Viscosity

No information available

Explosive properties

No information available

Oxidizing properties

No information available

Other safety information

No information available

# 10. Stability and reactivity

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Reactivity No data available

Stability Stable under recommended storage conditions.

Possibility of Hazardous Reaction

No data available

Conditions to Avoid

No data available

Incompatible Materials Strong oxidizing agents, Strong reducing agents.

Hazardous Decomposition Products Other decomposition products - no data available In

# 11. Toxicological information

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Acute toxicity LD50 Oral - rat - 4.500 - 5.000 mg/kg

LD50 Dermal - rabbit - 10.000 mg/kg

Skin corrosion/irritationNo data availableSerious eye damage/irritationNo data availableRespiratory or skin sensitisationNo data available

Germ cell mutagenicity

No data available

Carcinogenicity IARC: No component of this product present at probable, possible or confirmed human carcinogen

Reproductive toxicity Fetotoxicity

Presumed human reproductive toxicant Presumed human reproductive toxicant

STOT-single exposureNo data availableSTOT-repeated exposureNo data availableAspiration hazardNo data available

Additional Information RTECS: VZ2275000

Animal feeding studies in rat, mouse and dog, at he testes. Studies with the chemically related boric demonstrate developmental effects on the fetus, inc. The doses administered were many times in excess. Human epidemiological studies show no increase in cronic exposures to boric acid dust and sodium be conditions of normal occupational eposure to borate

# 12. Ecological information

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Toxicity to fish

Toxicity to daphnia and

Other aquatic invertebrates. Toxicity to algae

LC50 - Carassius auratus (goldfish) - 178 mg/l - 72

EC50 - Daphnia magna (Water flea) - 1.085 - 1.40

IC50 - Desmodesmus subspicatus (green algae) - 1:

No data available

No data available

No data available

PBT/vPvB assessment not available as chemical sat

No data available

# 13. Disposal considerations

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Waste from Residues / Unused Products

Contaminated Packaging

Persistence and degradability

Results of PBT and vPvB assessment

Bioaccumulative potential

Other adverse effects

Mobility in soil

Offer surplus and non-recyclable solutions to a licer Dispose of as unused product.

# 14. Transport information

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DOT Not regulated TDG Not regulated Hazard Class Not regulated IATA Not regulated IMDG/IMO Not regulated Not regulated IMDG/IMO

# 15. Regulatory information

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

Authorisations and/or restrictions on us 1303-96-4 Candidate List of Substances of for reproduction Authorisation Toxic for reproduction decahydrate CAS-No.: 1303-96-4 Candidate List Toxic for reproduction (article 57c) ED/30/2010.

Chemical safety assessment

For this product a chemical safety assessment was

#### 16. Other information

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Other Information

The information above is believed to be accur available to us. However, we make no warrar implied, with respect to such information, and we make their own investigations to determine purposes. In no event shall be liable for any claims or any special, indirect, incidental, consequential Marine International has been advised of the positive of the p

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applicable.