

1. Product and Company Identification

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Product Name RXSOL-50-5008-025
Product Type CAT Sulphite (Catalysed Sulphite for Boiler)

Company Details:

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

STOCK point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah

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2. Composition / Information on ingredients

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Chemica Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols Disodium
Sodium bisulphite	30-60%	7631-90-5	231-548-0	22, 31	Xn
Cobalt sulphate	0.01-0.25%	10124-43-3	233-334-2	49, 22, 42/43, 50/53, T, N 60, 68	Carc. Cat. 2;

*See Section 16

3. Hazards Identification

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Toxic

Classification of the substance or mixture
Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
Carcinogen, category 2
Label elements
Toxic
Risk Phrases
May cause cancer by inhalation (R49)
Harmful if swallowed (R22)
Contact with acids liberates toxic gas (R31)
Safety Phrases
Keep away from acid (S14)
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
Wear suitable gloves and eye/face protection (S37/39)
If swallowed seek medical advice immediately and show this container or label (S46)
Other hazards
Odour: Pungent odour, Strong smell of sulphur
Appearance: Liquid, pink, soluble in water
Contact with eyes: Causes severe irritation
Contact with skin: Causes redness and irritation

4. First Aid Measures

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IF ON SKIN (or hair)	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Contaminated clothing should be removed before reuse
IF IN EYES	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF SWALLOWED	rinse mouth. Do NOT induce vomiting. Give plenty of water to drink. Never make an unconscious person vomit or drink
IF INHALED	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
IF INHALED	Remove victim to fresh air and keep at rest in a position comfortable for breathing. When in doubt or symptoms persist, seek medical attention

Most important symptoms and effects, both acute and delayed

Possible redness and irritation of affected areas

Can cause damage to the intestines

Indication of immediate medical attention and special treatment needed

5. Fire-fighting Measures

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Extinguishing media

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

Special hazards arising from the substance or mixture

Smoke from fires is toxic

Advice for firefighters

Wear chemical protection suit and positive-pressure breathing apparatus

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Wear protective clothing as per section 8

Environmental Precautions

Do not allow to enter public sewers and watercourses

Methods and material for containment and cleaning up

Absorb spillage in inert material and shovel up

Flush spill area with copious amounts of water

Reference to other sections

7. Handling and Storage

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Handling	Avoid contact with acid. Avoid contact with skin and eyes (S24/25). Eyewash bottles should be available See Section 8
Storage	Keep only in the original container in a cool, well ventilated place away from acid (S3/9/14/49). Protect from frost

Specific end use(s)

8. Exposure controls and personal protection

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Control parameters	TLV (TWA) 5 mg/m ³ (Sodium bisulphite)
Exposure controls	The undiluted product must not be used in a confined space without good ventilation
Occupational exposure controls	Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended). Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
Goggles Gloves Suit	No Smoking



9. Physical and chemical properties

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Information on basic physical and chemical properties

Odour	Pungent odour, Strong smell of sulphur
Appearance	Liquid, pink, soluble in water
pH	4-6 at 10 % concentration
Boiling point	>100 °C at 760 mm /Hg
Vapour pressure	not known
Freezing point	