

1. Product and Company Identification

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Product Name Duct Cleaning Chemical

Part Number RXSOL-60-6256-025

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / Information on ingredients

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Chemical Name	CAS No	EC number
1 PROPOXY-2-PROPANOL	1569-01-3	216-372-4
C9-11 Alcohol Ethoxylate	68439-46-3	614-482-0
SODIUM HYDROXIDE	1310-73-2	215-185-5

3. Hazards Identification

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Signal Word

Danger.

Hazard Statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/ doctor.

Supplementary precautionary statements

P260 Do not breathe vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P321 Specific treatment (see medical advice on this label).

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

4. First Aid Measures

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General advice	Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
If inhaled	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Eye Contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.
Swallowed	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin Contact	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
Most important symptoms and effects, both acute and delayed	Inhalation: The product is considered to be a low hazard under normal conditions of use. Ingestion: May cause chemical burns in mouth, oesophagus and stomach. Skin contact: Burning pain and severe corrosive skin damage. Eye contact: Causes burns. Visual disturbances, including blurred vision.
Indication of any immediate medical attention and special treatment needed	No specific recommendations.

5. Fire-fighting Measures

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Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
Special hazards arising from the substance or mixture	No data available.
Hazardous combustion products	None at ambient temperatures. When heated, vapours/gases hazardous to health may be formed.
Advice for firefighters	No specific firefighting precautions known.

6. Accidental Release Measures

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Personal precautions	Keep unnecessary and unprotected personnel away from the spillage.
Environmental Precaution	Do not discharge into drains or watercourses or onto the ground.
Methods and materials for containment and cleaning	Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.
Reference to other sections	For disposal see section 13.

7. Handling and Storage

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Advice on safe handling	Do not get in eyes, on skin, or on clothing. Wear eye protection. Read label before use. Eye wash facilities and emergency shower must be available when handling this product. Good personal hygiene procedures should be implemented.
Conditions for safe storage, including any incompatibilities	Store in tightly-closed, original container in a dry, cool and well-ventilated

Specific end use(s)

place.

The identified uses for this product are detailed in Section 1.2.

8. Exposure controls and personal protection

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Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment that provides appropriate eye and face protection should be worn.

Skin protection

Gloves made from the following material may provide suitable chemical protection: Nitrile rubber. Rubber (natural, latex). To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.

Hygiene measures

When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations.

9. Physical and chemical properties

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Physical state

Clear liquid.

Colour

Colourless.

Odour

Characteristic.

Odor Threshold

Not Applicable

pH

pH (concentrated solution): >13.0

Relative density

~ 1.011 - 1.021 @ 20°C

10. Stability and reactivity

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Reactivity

There are no known reactivity hazards associated with this product.

Stability

Stable at normal ambient temperatures.

Possibility of hazardous reactions

Not applicable.

Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

Incompatible materials

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

Hazardous decomposition products

Heating may generate the following products: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. Toxicological information

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Acute toxicity

ATE oral (mg/kg) 56,000.0

Inhalation

The product is considered to be a low hazard under normal conditions of use.

Ingestion

May cause chemical burns in mouth, oesophagus and stomach.

Skin contact

Causes severe burns.

Eye contact

Causes serious eye damage.

12. Ecological information

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Ecotoxicity

Not regarded as dangerous for the environment.

Persistence and degradability

The product contains inorganic substances which are not biodegradable.

Bioaccumulative potential

Not available.

Toxicity to fish	Not considered toxic to fish.
Mobility	Mobile.
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	No information required.

13. Disposal considerations

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General information	When handling waste, the safety precautions applying to handling of the product should be considered.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

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UN number	1760
UN proper shipping name	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)
Transport hazard class(es)	8
Packaging group	III
Environmental hazards	No
Special precautions for user	No data available
Further information	No data available

15. Regulatory information

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Safety, health and environmental regulations specific for the product in question	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Other regulations	No data available
Chemical Safety Assessment	For this product a chemical safety assessment was not carried out.

16. Other information

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Other Information	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 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.
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