

1. Product and Company Identification

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Product Name	HEXENE 1
Part Number	RXSOL-19-1318-025
Chemical Formula	C6H12

Company Details:

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

Branch : Sikka, Kandla, Dahej , Hazira, JNPT, Goa, Mngalore, Cochin, Tuticorin, Chennai, Kakinada, Vizag, Paradip, Haldia, Kolkata, Fujairah.

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2. Composition / Information on ingredients

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Name of Substance	Cas Number	EC No	Classification
Hexene-1	592-41-6	209-753-1	Flam. Liq. 2; Asp. Tox. 1; H225, H304

3. Hazards Identification

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Signal word	Danger
Hazard statement(s)	H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways
Precautionary statement(s)	P210 Keep away from heat, hot surfaces, sparks, or P301 + P310 IF SWALLOWED: Immediately call P331 Do NOT induce vomiting.
Supplemental Hazard Statements	None
Other hazards	This substance/mixture contains no components bioaccumulative and toxic (PBT), or very persistent higher.

4. First Aid Measures

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General advice	Consult a physician. Show this safety data sheet to
Inhalation	If breathed in, move person into fresh air. If not Consult a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a p
Eye Contact	Flush eyes with water as a precaution.
Swallowed	Do NOT induce vomiting. Never give anything by water. Consult a physician.
Most important symptoms/effects, acute and delayed	The most important known symptoms and effects a 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
Special hazards arising from the substance or mixture
Advice for firefighters
Further information

Use water spray, alcohol-resistant foam, dry chemical extinguishers.
Carbon oxides.
Wear self-contained breathing apparatus for firefighting if necessary.
Use water spray to cool unopened containers.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures.

Environmental Precautions
Methods and material for containment and cleaning up
Reference to other sections

Use personal protective equipment. Avoid breathing dusts, fumes or mists. Provide adequate ventilation. Remove all sources of ignition. Prevent the escape of vapours or gases, which may be accumulating to form explosive concentrations. Vapours may accumulate in low areas. For personal protection see section 8.
Prevent further leakage or spillage if safe to do so.
Contain spillage, and then collect with an electrically conductive material and place in container for disposal according to local regulations.
For disposal see section 13.

7. Handling and Storage

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Precautions for safe handling
Conditions for safe storage, including any incompatibilities
Specific end use(s)

Avoid contact with skin and eyes. Avoid inhalation of dusts, fumes or mists.
Keep away from sources of ignition - No smoking.
Avoid electrostatic charge. For precautions see section 8.
Store in cool place. Keep container tightly closed.
Containers which are opened must be carefully resealed and kept upright until next use.
Apart from the uses mentioned in section 1.2 no other uses are recommended.

8. Exposure controls and personal protection

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Appropriate engineering controls
Personal protective equipment
Skin protection
Full contact
Splash contact
Body Protection
Respiratory protection

Handle in accordance with good industrial hygiene practices. Wash hands before breaks and at the end of workday.
Eye/face protection Face shield and safety glasses must be worn at all times under appropriate government standards such as ANSI Z87.1.
Handle with gloves. Gloves must be inspected prior to use (for holes, tears or touching glove's outer surface) to avoid skin contact. After use in accordance with applicable laws and regulations, selected protective gloves have to satisfy the specifications EN 374 derived from it.
Material: Nitrile rubber. Minimum layer thickness: 0,11 mm Break through time tested: Camatril® (KCL 730 / Aldrich Z677442, S)
Minimum layer thickness: 0,11 mm Break through time tested: Camatril® (KCL 730 / Aldrich Z677442, S)
If used in solution, or mixed with other substances, the user should contact the supplier of the CE approved gloves. The gloves should be evaluated by an industrial hygienist and safety officer. The evaluation should be done by our customers. It should not be construed as official approval.
Complete suit protecting against chemicals, Flame resistant protective equipment must be selected according to the hazard of the substance at the specific workplace.
Where risk assessment shows air-purifying respirators are necessary, use purpose combination (US) or type AXBEK (EN 12167) respirators and components tested and approved under appropriate national (US) or CEN (EU) standards.

9. Physical and chemical properties

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Appearance	Liquid
Colour	Colourless
Odour	No information available
Odor Threshold	No information available
pH	No information available
Melting Point/Freezing Point	-140,0 °C
Initial Boiling Point and Boiling Range	60 - 66 °C - lit.
Flash Point	-25,0 °C - closed cup
Evaporation Rate	No information available
Solid Flammability (solid,gas)	May form combustible dust concentrations in air.
Explosion Limits	Lower explosion limit: 1,2 %(V)
Vapor Pressure	413,3 hPa at 37,7 °C 206,6 hPa at 21,1 °C
Vapor Density	No information available
Relative density	0,678 g/cm ³ at 25 °C
Water Solubility	No information available
Partition coefficient:n-octanol/water	No information available
Auto-ignition temperature	253,0 °C
Decomposition temperature	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
Chemical stability	Stable under recommended storage conditions.
Possibility of Hazardous Reaction	No data available
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	Acids, Oxidizing agents
Hazardous Decomposition Products	Hazardous decomposition products formed under fire
Other decomposition products	No data available. In the event of fire: see section 11

11. Toxicological information

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Acute toxicity	No data available LC50 Inhalation - Rat - 4,0 h - 32000, ppm Remarks: Behavioral:General anesthetic. Behavioral (activity). Lungs, Thorax, or Respiration:Other changes
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	IARC: No component of this product present at level identified as probable, possible or confirmed human

Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	May be fatal if swallowed and enters airways. The substance or mixture is known to cause human aspiration toxicity and is therefore regarded as if it causes a human aspiration toxicity hazard.
Additional Information	RTECS: MP6670000 burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Irritation of the respiratory tract, Vomiting, May cause cyanosis., To the best of our knowledge, the acute and chronic toxicological properties have not been thoroughly investigated.

12. Ecological information

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Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available(2-Propenamide, homopolymer)
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be bioaccumulative and toxic (PBT), or very persistent and bioaccumulative (vPvB) or higher.
Other adverse effects	No data available.

13. Disposal considerations

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Product	Burn in a chemical incinerator equipped with an afterburner and scrubber. Exercise care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed contractor.
Contaminated Packaging	Dispose of as unused product.

14. Transport information

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ADR/RID

UN number	2370
UN proper shipping name	1-HEXENE
Hazard Class	3
Packing Group	II
Environmental hazards	No
Special precautions for user	No data available

IMDG

UN number	2370
UN proper shipping name	1-HEXENE
Hazard Class	3
Packing Group	II
Environmental hazards	No
Special precautions for user	No data available

IATA

UN number	2370
UN proper shipping name	1-HEXENE

Hazard Class	3
Packing Group	II
Environmental hazards	No
Special precautions for user	No data available

15. Regulatory information

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

This safety datasheet complies with the requirements of the relevant legislation.

Chemical safety assessment

For this product a chemical safety assessment was not required.

16. Other information

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Other Information

The information above is believed to be accurate and reliable. However, we make no warranty of merchantability or fitness for a particular purpose with respect to such information, and we assume no liability for any claims, losses, or damages, incidental, consequential or exemplary damages, arising from the use of the product, unless we have been advised of the possibility of such damages.

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