

1. Product and Company Identification

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Product Name PETROLEUM ETHER 100-2000 C FOR
SYNTHESIS
Part Number RXSOL-60-6605-205

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	EC number	Weight	Index-No.
PETROLEUM ETHER 100-2000 C FOR SYNTHESIS	8032-32-4	232-453-7	534.84	649-263-00-9

3. Hazards Identification

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Signal Word	Danger
Hazard Statements	H224 Extremely flammable liquid and vapor. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects
P280 Wear protective gloves.P305 + P351 + P338	NA
Precautionary statements - response	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P273 Avoid release to the environment. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P331 Do NOT induce vomiting. P403 + P233 Store in a well-ventilated place. Keep container tightly closed.P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

	P233 Keep container tightly closed.
	P273 Avoid release to the environment.
	P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
	P331 Do NOT induce vomiting.
	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
Response	None
Disposal	NA
Prevention	NA
Supplemental Hazard Statements	None
Other hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

4. First Aid Measures www.rxmarine.com

General advice	Show this material safety data sheet to the doctor in attendance.
If inhaled	After inhalation: fresh air. Call in physician.
Eye Contact	After eye contact: rinse out with plenty of water. Remove contact lenses.
swallowed	After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately
Skin Contact	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.
Inhalation:	NA
Ingestion:	NA
Notes to Physician	NA
If swallowed	After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately.
Most important symptoms and effects, both acute and delaye	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
Indication of any immediate medical attention and special treatment needed	No data available

5. Fire-fighting Measures www.rxmarine.com

Flammability	NA
Flash Point	NA
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	NA
Special hazards arising from the substance or mixture	Carbon oxides Carbon oxides Combustible. Pay attention to flashback. Vapors are heavier than air and may spread along floors. Development of hazardous combustion gases or vapours possible in the event of fire. Forms explosive mixtures with air at ambient temperatures.
Further information	Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system
Hazardous combustion products	NA

Advice for firefighters	Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.
Protective Equipment	NA
Specific Hazards Arising from the Chemical	NA

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.
Spillage	NA
Personal Protection	Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. Advice for emergency responders: Protective equipment see section 8.
Environmental Precaution	Do not let product enter drains. Risk of explosion
Methods and materials for containment and cleaning	Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.
Reference to other sections	For disposal see section 13.

7. Handling and Storage

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Advice on safe handling	Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.
Advice on protection against fire and explosion	Keep away from open flames, hot surfaces and sources of ignition. Take precautionary
Hygiene measures	measures against static discharge. Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For precautions see section 2.2.
Precautions for safe handling	Advice on safe handling Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.
Conditions for safe storage, including any incompatibilities	Storage conditions Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.
Storage conditions	NA
Storage conditions	NA
Storage class	Storage Class (LGK) (Germany) Class 8B
Specific end use(s)	Use in laboratories
Handling	NA
Advice on general occupational hygiene	NA

8. Exposure controls and personal protection

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Occupational Exposure limit values	No data available
Biological limit values	FSUJ5900
Exposure controls	Engineering Measures
	Use only under a chemical fume hood. Ensure that eyewash stations and safety showers are close to the workstation location. Wherever possible, engineering control measures such as the isolation or enclosure of the

Engineering Control

Eye/face protection

Body Protection

Skin protection

Respiratory protection

Other Protection Measure

Control of environmental exposure

Thermal hazards

process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

NA

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

Flame retardant antistatic protective clothing.

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Where risk assessment shows air-purifying respirators are appropriate use a fullface

respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

NA

Do not let product enter drains. Risk of explosion

No data available



Gloves Suit

9. Physical and chemical properties

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Physical state

liquid

Colour

colorless

Odour

No data available

Odor Threshold

Not Applicable

pH

Not Applicable

Melting Point

Melting point/range: < -60 °C - (ECHA)

Boiling Point

30 - 60 °C - lit.

Flash Point

-49 °C

Evaporation Rate

Not Applicable

Flammability (solid, gas)

No data available

Explosive limits

No Data Available

Upper/lower flammability or explosive limits

Upper explosion limit: = 1,4 %(V)

Autoignition temperature

280 - 470 °C

at 1.013,25 hPa

Decomposition temperature

No data available

Vapour pressure

No data available

Density

0,64 g/cm³ at 25 °C - lit.

