

## 1. Product and Company Identification

[www.rxmarine.com](http://www.rxmarine.com)

Product Name Propylene Glycol Methyl Ether Lab Grade  
Part Number RXSOL-61-1437-002

### Company Details:

RX MARINE INTERNATIONAL  
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## 2. Composition / Information on ingredients

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| Chemical Name                     | CAS   | EC number | Weight   | Formula |
|-----------------------------------|---|-----------|--|---------|
| Propylene glycol methyl ether     | 107-98-2  | 203-539-1 | 6 mg/l - aerosol<br>(IUCLID) Inhalation:<br>Irritating to respiratory system. LD50 Dermal - Rat - male and female - > 2.000 mg/kg (Regulation (EC) No. 440/2008, Annex, B.3) |         |
| Skin corrosion/irritation         | Skin - Rabbit Result: No skin irritation - 4 h (Regulation (EC) No. 440/2008, Annex, B.4)   |           |  |         |
| Serious eye damage/eye irritation | Eyes - Rabbit Result: No eye irritation (Regulation (EC) No. 440/2008, Annex, B.5)  |           |  |         |
| Respiratory sensitization         | Maximization Test - Guinea pig Result: negative (Regulation (EC) No. 440/2008, Annex, B.6)  |           |  |         |
| Toxic Effects on Human            | May cause damage to the following organs: upper respiratory tract. Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation (lung irritant, lung sensitizer). |           |  |         |
| Carcinogenicity                   | No data available   |           |  |         |
| Germ cell mutagenicity            | Test Type: Ames test Test system: Salmonella typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative Test Type: In vitro mammalian cell gene             |           |  |         |

mutation test Test system: Chinese hamster lung cells Metabolic activation: without metabolic activation Method: OECD Test Guideline 476 Result: negative Test Type: Chromosome aberration test in vitro Test system: Chinese hamster ovary cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 473 Result: negative Test Type: Micronucleus test Species: Mouse Cell type: Bone marrow Application Route: Intraperitoneal Method: OECD Test Guideline 474 Result: negative.

Reproductive toxicity No data available

Specific target organ toxicity May cause drowsiness or - single exposure dizziness. - Central nervous system Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)

Special Remarks on other Toxi Effects on Humans Acute Effects: Skin: Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Eyes: Causes eye irritation. Ingestion: Causes gastrointestinal (digestive) tract irritation with nausea, vomiting, and diarrhea. May be harmful if swallowed. Inhalation: Causes respiratory tract irritation. May cause chemical pneumonitis and pulmonary edema, inflammation, edema of bronchi and larynx. Chronic Potential Health Effects: Repeated or prolonged skin exposure may cause allergic reactions in sensitive individuals. Repeated or prolonged exposure by inhalation may affect respiration and metabolism.

Additional Information The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Repeated dose toxicity -

Rabbit - male and female -  
Dermal - 21 Days - NOAEL  
(No observed adverse effect  
level) - > 1.000 mg/kg  
RTECS: UB7700000 To the  
best of our knowledge, the  
chemical, physical, and  
toxicological properties have  
not been thoroughly  
investigated. After  
absorption of toxic  
quantities: CNS disorders  
narcosis Toxic effect on:  
Liver Kidney Other  
dangerous properties can not  
be excluded. Handle in  
accordance with good  
industrial hygiene and safety  
practice.

## 12. Ecological information

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Persistence and degradability

Biodegradability aerobic Dissolved organic carbon (DOC) - Exposure time 28 d Result: 96 % - Readily biodegradable. (OECD Test Guideline 301E)

Toxicity to fish

Static test LC50 - Leuciscus idus (Golden orfe) - 6.812 mg/l - 96 h (DIN 38412 part 15)

Toxicity to daphnia and other aquatic invertebrates

Static test LC50 - Daphnia magna (Water flea) - 23.300 mg/l - 48 h  
Remarks: (ECHA)

Toxicity to algae

Static test ErC50 - Pseudokirchneriella subcapitata (green algae) - > 1.000 mg/l - 7 d Remarks: (ECHA)

Products Biodegradation

The methods for determining the biological degradability are not applicable to inorganic substances.

Mobility in soil

No Information available

Results of PBT and vPvB assessment

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.

Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other adverse effects

No data available

## 13. Disposal considerations

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Disposal methods

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

Waste treatment Method

See [www.retrologistik.com](http://www.retrologistik.com) for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

## 14. Transport information

[www.rxmarine.com](http://www.rxmarine.com)

|  |   |
|--|---|
| UN number                                      | ADR/RID: 3092 IMDG: 3092 IATA:3092  |
| UN proper shipping name                        | ADR/RID:1-Methoxy-2-propanol IMDG:1-Methoxy-2-propanol<br>IATA:1-Methoxy-2-propanol |
| Transport hazard class(es)                     | ADR/RID: 3 IMDG: 3 IATA: 3  |
| Packaging group                                | ADR/RID: III IMDG: III IATA: III  |
| Environmental hazards                          | ADR/RID: No IMDG: No IATA: No   |
| Special precautions for user                   | Tunnel restriction code : (C/E)   |
| Further information                            | Not classified as dangerous in the meaning of transport regulations.                |
| Transport in bulk according to IMO instruments | No data available   |

## 15. Regulatory information

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|  |   |
|--|---|
| Inventory status   | Components are on the following inventories: Polymaleic acid: - US TSCA, Canadian DSL, EU EINECS, Australian AICS, Korean, Philippine PICCS and Chinese Xi irritant R 36/38 Irritant to eyes & skin R 41 Risk of serious damage to eyes S24/25 Avoid contact with skin and eyes S26/28 In case of contact eyes & skin, rinse with plenty water and seek medical advice Section 312/313: Not listed. Not listed under California proposition 65. |
| Safety, health and environmental regulations/legislation specific for the substance or mixture | This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006   |
| Safety, health and environmental regulations specific for the product in question              | European Inventory of Existing Commercial Chemical Substances (EINECS) -Listed. EC Inventory Listed. United States Toxic Substances Control Act (TSCA) Inventory- Listed. China Catalog of Hazardous chemicals 2015 Not- Listed. New Zealand Inventory of Chemicals (NZIoC) Listed. PICCS -Listed. Vietnam National Chemical Inventory -Listed. IECSC Listed. Korea Existing Chemicals List (KECL) -Listed.                                     |
| National legislation   | Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : FLAMMABLE LIQUIDS   |
| Other regulations  | Take note of Dir 94/33/EC on the protection of young people at work.  |
| Chemical Safety Assessment   | A Chemical Safety Assessment has been carried out for this substance.   |

## 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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