

## 1. Product and Company Identification

www.rxmarine.com

Product Name PALLDIUM SULPHATE

Part Number RXSOL-60-6605-168

### Company Details:

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone +91 22 20871200 - 1400

Fax +91 22 27612100 ::AOH :0091 9821214367

Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

Website [www.rxmraine.com](http://www.rxmraine.com)

## 2. Composition / Information on ingredients

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| Chemical Name                                    | CAS   | EC number | Weight      | Formula   |
|--|---|-----------|-------------|---|
| Palladium sulfate                                | 13566-03-5  | 236-957-8 | 1.400 mg/kg | Remarks:<br>(ECHA) Inhalation: No data available<br>Dermal: No data available |
| Skin corrosion/irritation                        | Skin - in vitro membrane barrier Result: Causes burns. (OECD Test Guideline 435)  |           |             |   |
| Serious eye irritation                           | damage/eye No data available  |           |             |   |
| Respiratory sensitization                        | or skin No data available   |           |             |   |
| 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                                  | Carcinogenicity - No carcinogenic properties suspected. (IUCLID)  |           |             |   |
| Germ cell mutagenicity                           | No data available   |           |             |   |
| Reproductive toxicity                            | No data available   |           |             |   |
| Specific target organ toxicity - single exposure | No data available   |           |             |   |
| Special Remarks on other Toxi Effects on Humans  | Acute Potential Health Effects: Skin: Causes skin irritation. May cause skin sensitization, an allergic reation, 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 RTECS: AF3675000  
 Gastrointestinal disturbance  
 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. After uptake of large quantities: muscular symptoms agitation  
 Convulsions Headache  
 Tremors Nausea psychoses

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. Cough, Shortness of breath, Headache, Nausea, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12. Ecological information

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|   |   |
|---|---|
| Persistence and degradability                       | No data available   |
| Toxicity to fish                                    | Semi-static test LC50 - Danio rerio (zebra fish) - > 100 mg/l - 96 h (OECD Test Guideline 203)  |
| Toxicity to daphnia and other aquatic invertebrates | Semi-static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h (OECD Test Guideline 202)  |
| Toxicity to algae                                   | Static test EC50 - Pseudokirchneriella subcapitata - > 100 mg/l - 72 h (OECD Test Guideline 201) static test NOEC - Pseudokirchneriella subcapitata (green algae) - > 100 mg/l - 72 h (OECD Test Guideline 201) |
| Eco Toxicity  | Not Available   |
| COD and BOD 5                                       | Not Available   |
| 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 <a href="http://www.retrologistik.com">www.retrologistik.com</a> for processes regarding the return of chemicals and containers, or contact us there if you have further questions.  |

### 14. Transport information

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|  |  |
|--|--|
| UN number                                      | ADR/RID: 3260 IMDG: 3260 IATA: 3260  |
| UN proper shipping name                        | ADR/RID:CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (palladium(II) sulphate)<br>IMDG:CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (palladium(II) sulphate)<br>IATA: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (palladium(II) sulphate) |
| Transport hazard class(es)                     | ADR/RID: 8 IMDG: 8 IATA: 8   |
| Packaging group                                | ADR/RID: II IMDG: II IATA: II  |
| 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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|  |   |
|--|---|
| 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. : OXIDISING LIQUIDS AND SOLIDS :  |

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## ENVIRONMENTAL HAZARDS

Take note of Dir 94/33/EC on the protection of young people at work.

For this product a chemical safety assessment was not carried out.

Other regulations

Chemical Safety Assessment

## 16. Other information

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### Other Information

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