

## 1. Product and Company Identification

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Product Name MOLYBDENUM POWDER  
Part Number RXSOL-60-6040-050

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

## 2. Composition / Information on ingredients

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### Substances

Formula Mo  
Molecular weight 95.94 g/mol  
CAS-No 91079-38-8  
EC-No 293-426-3

No components need to be disclosed according to the applicable regulations.

### 3. Hazards Identification

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**Classification of the substance or mixture** Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**Label elements** Not a hazardous substance or mixture

**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

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### Description of first aid measures

**If inhaled** If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact** Wash off with soap and plenty of water.

**In case of eye contact** Flush eyes with water as a precaution.

**If swallowed** Never give anything by mouth to an unconscious person. Rinse mouth with water

**Most important symptoms and effects, both acute and delayed** 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

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### Extinguishing media

|  |   |
|--|---|
| <p><b>Suitable extinguishing media</b></p> <p><b>Special hazards arising from the substance or mixture</b></p> | <p>Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.</p> <p>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</p> <p>In a fire or if heated, a pressure increase will occur and the container may burst, with the</p> <p>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</p> <p>the ground. Vapors may accumulate in low or confined areas or travel a considerable</p> <p>distance to a source of ignition and flash back.</p> <p>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</p> <p>In a fire or if heated, a pressure increase will occur and the container may burst, with the</p> <p>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</p> <p>the ground. Vapors may accumulate in low or confined areas or travel a considerable</p> <p>distance to a source of ignition and flash back.</p> <p>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</p> <p>In a fire or if heated, a pressure increase will occur and the container may burst, with the</p> <p>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</p> <p>the ground. Vapors may accumulate in low or confined areas or travel a considerable</p> <p>distance to a source of ignition and flash back.</p> <p>Molybdenum oxides</p> |
| <p><b>Advice for firefighters</b></p> <p><b>Further information</b></p>  | <p>Wear self-contained breathing apparatus for firefighting if necessary.</p> <p>No data available</p> <p>spray to keep fire-exposed containers cool.Promptly isolate the scene by removing all persons from the vicinity of the incident if</p> <p>there is a fire. No action shall be taken involving any personal risk or without suitable</p> <p>training. Move containers from fire area if this can be done without risk. Use water</p> <p>spray to keep fire-exposed containers cool.</p>  |

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| <b>Personal precautions, protective equipment and emergency procedures</b> | Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8. |
| <b>Environmental precautions</b>   | No special environmental precautions required.   |
| <b>Methods and materials for containment and cleaning up</b>               | Sweep up and shovel. Keep in suitable, closed containers for disposal                              |
| <b>Reference to other sections</b>   | For disposal see section 13  |

## 7. Handling and Storage

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|   |   |
|---|---|
| <b>Precautions for safe handling</b>                                | For precautions see section 2.2.  |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Storage class (TRGS 510): Non Combustible Solids |
| <b>Specific end use(s)</b>  | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated  |

## 8. Exposure controls and personal protection

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|  |   |
|--|---|
| <b>Control parameters</b>                            |   |
| <b>Ingredients with workplace control parameters</b> |   |
| <b>Exposure controls</b>                             |   |
| <b>Personal protective equipment</b>                 |   |
| <b>Eye/face protection</b>                           | Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses  |
| <b>Skin protection</b>                               | <p>This recommendation applies only to the product stated in the safety data sheet,</p> <p>supplied by us and for the designated use. When dissolving in or mixing with other</p> <p>substances and under conditions deviating from those stated in EN374 please</p> <p>contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell,</p> <p>Internet: <a href="http://www.kcl.de">www.kcl.de</a>).</p> <p>Full contact</p> <p>Material: Nitrile rubber</p> <p>Minimum layer thickness: 0,11 mm</p> <p>Break through time: 480 min</p> <p>Material tested: KCL 741 Dermatrill® L</p> <p>Splash contact</p> <p>Material: Nitrile rubber</p> <p>Minimum layer thickness: 0,11 mm</p> |

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Break through time: 480 min

Material tested:KCL 741 Dermatril® L

required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following

standards: DIN EN 143, DIN 14387 and other accompanying standards relating to

the used respiratory protection system.

Recommended Filter type: Filter type P1

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory

protective devices are carried out according to the instructions of the producer.

These measures have to be properly documented.

Do not let product enter drains.

## Respiratory protection

## Control of environmental exposure

# 9. Physical and chemical properties

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## Appearance

Form: solid in various form

## Odor

Colour: grey, black, silver

Characteristic.

## Odor Threshold

Not available.

## pH

Not available.

## Melting Point