Material Safety Data Sheet

PHOSPHOMOLYBDIC ACID AR (RXSOL-60-6605-230)

1. Product and Company Identifaction

Product Name	RXSOL-60-6605-230
Product Type	PHOSPHOMOLYBDIC ACID AR
Revised date	

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / informationon ingredients

2.1 Substance / Preparation : PHOSPHOMOLYBDIC ACID AR

Substance name	Contents	CAS No
Phosphomolybdic acid	100 %	51429-74-4

Substance.
Contains no other components or impurities which will influence the classification of the product.

3. Hazards Identification

3.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
Oxidizing solids (Category 3), H272
Skin corrosion (Category 1B), H314
For the full text of the H-Statements mentioned in this Section, see Section 16.
3.2 Label elements
Labelling according Regulation (EC) No 1272/2008
Pictogram

Signal word Danger
Hazard statement(s)
H272 May intensify fire; oxidizer.
H314 Causes severe skin burns and eye damage.
Precautionary statement(s)
P220 Keep/Store away from clothing/ combustible materials.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
Supplemental Hazard
Statements : none
3.3 Other hazards – none

4. First Aid Measures

4.1 Description of first aid measures
General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
4.2 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
4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. Fire-fighting Measures

5.1 Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
5.2 Special hazards arising from the substance or mixture
Oxides of phosphorus, Molybdenum oxides
5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.
5.4 Further information
Use water spray to cool unopened containers.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas.
Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.
6.2 Environmental precautions
Do not let product enter drains.
6.3 Methods and materials for containment and cleaning up
Sweep up and shovel.\'20 Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.
6.4 Reference to other sections
For disposal see section 13.

7. Handling and Storage

7.1 Precautions for safe handling
Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed.Keep away from sources of ignition - No smoking.Keep away from heat and sources of ignition.Normal measures for preventive fire protection.
For precautions see section 2.2.
7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Storage class (TRGS 510): Combustible solids, corrosive
7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. Exposure controls and personal protection

8.1 Control parameters
8.2 Exposure controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal protective equipment
Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection
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 EU Directive 89/686/EEC and the standard EN 374 derived from it. If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industria situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.
Body Protection
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use (EN 143) respirator cartridges as a backup to engineering controls. If th full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH
(US) or CEN (EU).
Control of environmental exposure
Do not let product enter drains.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties
Odour : No data available
Odour Threshold : No data available
pH : No data available
Melting point/range: 79 - 90 °C
Boiling range : No data available
Flash point: Not applicable
Evaporation rate : No data available
Flammability (solid, gas): No data available
flammability or explosive limits : No data available
Vapour pressure : No data available
Vapour density : No data available
Relative density : 1.62 g/cm3 at 25 °C
Water solubility : No data available
Partition coefficient: noctanol/water : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity No data available
Explosive properties : No data available
Oxidizing properties : No data available
9.2 Other safety information
No data available

10. Stability and reactivity

10.1 Reactivity
No data available
10.2 Chemical stability
Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions
No data available
10.4 Conditions to avoid
No data available
10.5 Incompatible materials
Organic materials, Powdered metals
10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Oxides of phosphorus, Molybdenum oxides
Other decomposition products - No data available
In the event of fire: see section 5

11. Toxicological information

11.1 Information on toxicological effects
Acute toxicity
No data available
Phosphomolybdic acid Skin corrosion/irritation
No data available(Phosphomolybdic acid)
Serious eye damage/eye irritation
No data available(Phosphomolybdic acid)
Respiratory or skin sensitisation
No data available(Phosphomolybdic acid)
Germ cell mutagenicity
No data available(Phosphomolybdic acid)
Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity
No data available(Phosphomolybdic acid)
Specific target organ toxicity - single exposure
No data available(Phosphomolybdic acid)
Specific target organ toxicity - repeated exposure
No data available
Aspiration hazard
No data available(Phosphomolybdic acid)
Additional Information
RTECS: Not available Cough, Shortness of breath, Headache, Nausea, Vomiting(Phosphomolybdic acid)

12. Ecological information

12.1 Toxicity
No data available
12.2 Persistence and degradability
No data available
12.3 Bioaccumulative potential
No data available
12.4 Mobility in soil
No data available(Phosphomolybdic acid)
12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.6 Other adverse effects
No data available

13. Disposal considerations

13.1 Waste treatment methods Product
Burn in a chemical incinerator equipped with an afterburner and scrubber b highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging
Dispose of as unused product.

14. Transport information

14.1 UN number
ADR/RID: 3084 IMDG: 3084 IATA: 3084
14.2 UN proper shipping name
ADR/RID: CORROSIVE SOLID, OXIDIZING, N.O.S. (Phosphomolybdic acid)
IMDG: CORROSIVE SOLID, OXIDIZING, N.O.S. (Phosphomolybdic acid)
IATA: Corrosive solid, oxidizing, n.o.s. (Phosphomolybdic acid)
14.3 Transport hazard class(es)
ADR/RID: 8 (5.1) IMDG: 8 (5.1) IATA: 8 (5.1)
14.4 Packaging group
ADR/RID: II IMDG: II IATA: II
14.5 Environmental hazards
ADR/RID: no IMDG Marine pollutant: no IATA: no
14.6 Special precautions for user
No data available

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
15.2 Chemical safety assessment
For this product a chemical safety assessment was not carried out

16. Other information

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic.
vPvB: very persistent and very bioaccumulative
Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
Further information : None.
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