

1. Product and Company Identification

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Product Name PHENYL HYDRAZINE HYDROCHLORIDE AR
Part Number RXSOL-60-6605-223

Company Details:

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

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2. Composition / Information on ingredients

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Chemical Name	CAS number	Weight %
PHENYL HYDRAZINE HYDROCHLORIDE AR	59-88-1	97%

3. Hazards Identification

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Signal Word	Danger
Hazard statements (CLP)	H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled H315 - Causes skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H371 - May cause damage to organs H372 - Causes damage to organs through prolonged or repeated exposure H400 - Very toxic to aquatic life
Precautionary statements (CLP)	P260 - Do not breathe dust/fume/gas/mist/vapours/spray P273 - Avoid release to the environment P280 - Wear protective gloves/protective clothing/eye protection/face protection P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Other hazards	No additional information available
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Acute toxicity (dermal), Category 3 H311 Acute toxicity (inhal.), Category 3 H331 Acute toxicity (oral), Category 3 H301 Specific target organ toxicity [H] Repeated exposure, Category 1 H372 Serious eye damage/eye irritation, Category 2 H319 Skin corrosion/irritation, Category 2 H315 Sensitisation [H] Skin, category 1 H317 Specific target organ toxicity [H] Single exposure, Category 2 H371 Hazardous to the aquatic environment [H] Acute H40
Hazard Statements	Physical: H227: Combustible liquid. Health: H304: May be fatal if swallowed and enters airways.
Classification according to Directive 67/548/EEC or 1999/45/EC	Carc.Cat.1; R45 Muta.Cat.3; R68 T; R23/24/25 T; R48/23/24/25 Xi; R36/38 R43 N; R50 Full text of R-phrases: see section 1.

4. First Aid Measures

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Symptoms/injuries May cause damage to organs. Causes damage to organs through prolonged

Symptoms/injuries after inhalation
Symptoms/injuries after skin contact

or repeated exposure

May cause an allergic skin reaction.

Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin. Causes skin irritation.

Eye Contact

Flush thoroughly with water. If irritation occurs, get medical assistance.

Symptoms/injuries after eye contact

Causes serious eye irritation.

Symptoms/injuries after ingestion

Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

5. Fire-fighting Measures

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Suitable extinguishing media

dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂)

Unsuitable extinguishing media

Do not use a heavy water stream

Special hazards arising from the substance or mixture

No additional information available

Protection during firefighting

Do not attempt to take action without suitable protective equipment

6. Accidental Release Measures

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Emergency procedures

Evacuate unnecessary personnel.

Protective equipmen

Avoid breathing dust/fume/gas/mist/vapours/spray.

Emergency procedures

Stop release.

Environmental precautions

Very toxic to aquatic life

Methods for cleaning up

Clear up rapidly by scoop or vacuum.

Reference to other section

No additional information available

7. Handling and Storage

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Precautions for safe handling

Avoid breathing dust/fume/gas/mist/vapours/spray. Do not breathe dust/fume/gas/mist/vapours/spray

Hygiene measure

Do not eat, drink or smoke when using this product. Wash ... thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

Storage conditions

Store in original container. Keep container tightly closed. Store in a dry place. Protect from moisture

Specific end use(s)

No additional information available

8. Exposure controls and personal protection

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Personal protective equipment

Personal protective equipment

Hand protection

protective gloves

Eye protection

Chemical goggles or safety glasses

Skin and body protection

Wear suitable protective clothing

Respiratory protection

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Other information

Do not breathe dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product.





Gloves Suit

9. Physical and chemical properties

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Physical State	Solid
Molecular mass	144.61 g/mol
Colour	white to cream.
Odour	NA
Odor Threshold	No data available
Relative Density (at 15 °C)	N/D
Boiling Point	No data available
Flash Point	No data available
Density (at 15 °C):	No data available
Evaporation Rate	No data available
pH:	No data available
Flammability (Solid, Gas):	No data available
Flammable Limits (Approximate volume % in air)	No data available
Explosive limits	No data available
Vapour pressure	No data available
Log Pow (n-Octanol/Water Partition Coefficient):	No data available
Vapour Density	No data available
Secific Gravity	No data available
Decomposition Temperature	No data available
Solubility in Water	Freely soluble
Autoignition Temperature	No data available
Solubility in Water	No data available
Kintic viscositNo	No data available
Vapor Pressure	No data available
Molecular Weight	No data available
Oxidizing Properties	No data available
Freezing Point	No data available
Melting Point	250 - 254
Hygroscopic	No data available
Evaporation Rate (n-butyl acetate = 1)	No data available
Viscosity	No data available
Freezing Point	No data available

10. Stability and reactivity

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Reactivity	No additional information available
Chemical stability	Stable under normal conditions.
InPossibility of hazardous reactions	No additional information available
Conditions to avoid	Direct sunlight. Air contact. Moisture.
Incompatible materials	No additional information available
Hazardous decomposition products	No additional information available

11. Toxicological information

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Acute toxicity	Dermal: Toxic in contact with skin. Inhalation: Toxic if inhaled. Oral: Toxic if swallowed.
Skin corrosion/irritatio	Causes skin irritation
Serious eye damage/irritation	Causes serious eye irritation.
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	May cause damage to organs.
Specific target organ toxicity (repeated exposure)	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	Not classified
Potential adverse human health effects and symptoms	Toxic if swallowed. Toxic in contact with skin.

12. Ecological information

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Ecology - wate	Very toxic to aquatic life.
Persistence and degradability	No additional information available
Mobility in soil	No additional information available
Results of PBT and vPvB assessment	No additional information available
Other adverse effects	No additional information available

13. Disposal considerations

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Product/Packaging disposal recommendations	Dispose of contents/container to.
Ecology - waste materials	Hazardous waste due to toxicity.

14. Transport information

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UN number	UN-No. (ADR) : 2811 UN-No. (IMDG) : 2811 UN-No.(IATA) : 2811 UN-No.(ADN) : 2811 UN-No. (RID) : 2811
UN proper shipping name	Proper Shipping Name (ADR) : TOXIC SOLID, ORGANIC, N.O.S. Proper Shipping Name (IMDG) : TOXIC SOLID, ORGANIC, N.O.S. Proper Shipping Name (IATA) : TOXIC SOLID, ORGANIC, N.O.S. Proper Shipping Name (ADN) : TOXIC SOLID, ORGANIC, N.O.S. Proper Shipping Name (RID) : TOXIC SOLID, ORGANIC, N.O.S. Transport document description (ADR) : UN 2811 TOXIC SOLID, ORGANIC, N.O.S., 6.1, III, (E), ENVIRONMENTALLY HAZARDOUS Transport document description (IMDG) : UN 2811 TOXIC SOLID, ORGANIC, N.O.S., 6.1, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS Transport document description (IATA) : UN 2811 TOXIC SOLID, ORGANIC, N.O.S., 6.1, III, ENVIRONMENTALLY HAZARDOUS Transport document description (ADN) : UN 2811 TOXIC SOLID, ORGANIC, N.O.S., 6.1, III, ENVIRONMENTALLY HAZARDOUS Transport document description (RID) : UN 2811 TOXIC SOLID, ORGANIC, N.O.S., 6.1, III, ENVIRONMENTALLY HAZARDOUS SEA (IMDG): Not Regulated for Sea Transport according to IMDG-Code. Marine Pollutant: No
ADR	Transport hazard class(es) (ADR) : 6.1 Danger labels (ADR) : 6.1
IMDG	Transport hazard class(es) (IMDG) : 6.1 Danger labels (IMDG) : 6.1
IATA	Transport hazard class(es) (IATA) : 6.1 Hazard labels (IATA) : 6.1
ADN	Transport hazard class(es) (ADN) : 6.1 Danger labels (ADN) : 6.1

RID	Transport hazard class(es) (RID) : 6.1 Danger labels (RID) : 6.1
Packing group	Packing group (ADR) : III Packing group (IMDG) : III Packing group (IATA) : III Packing group (ADN) : III Packing group (RID) : III
Environmental hazards	Dangerous for the environment : Yes Marine pollutant : Yes Other information : No supplementary information available
Overland transport	Classification code (ADR) : T2 Special provision (ADR) : 274, 614 Limited quantities (ADR) : 5kg Excepted quantities (ADR) : E1 Packing instructions (ADR) : P002, IBC08, LP02, R001 Special packing provisions (ADR) : B3 Mixed packing provisions (ADR) : MP10 Portable tank and bulk container instructions (ADR) : T1 Portable tank and bulk container special provisions (ADR) : TP33 Tank code (ADR) : SGAH, L4BH Tank special provisions (ADR) : TU15, TE19 Vehicle for tank carriage : AT Transport category (ADR) : 2 Special provisions for carriage - Bulk (ADR) : VC1, VC2, AP7 Special provisions for carriage - Loading, unloading and handling (ADR) : CV13, CV28 Special provisions for carriage - Operation (ADR) : S9 Hazard identification number (Kemler No.) : 6 Tunnel restriction code (ADR) : E EAC code : 2X
Transport by sea	Special provision (IMDG) : 223, 274 Limited quantities (IMDG) : 5 kg Excepted quantities (IMDG) : E1 Packing instructions (IMDG) : P002 IBC packing instructions (IMDG) : IBC08 IBC special provisions (IMDG) : B3 Tank instructions (IMDG) : T1 Tank special provisions (IMDG) : TP33 EmS-No. (Fire) : F-A EmS-No. (Spillage) : S-A Stowage category (IMDG) : A MFAG-No : 154
Air transport	PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) : Y645 PCA limited quantity max net quantity (IATA) : 10kg PCA packing instructions (IATA) : 670 PCA max net quantity (IATA) : 100kg CAO packing instructions (IATA) : 677 CAO max net quantity (IATA) : 200kg Special provision (IATA) : A3, A5 ERG code (IATA) : 6L
Inland waterway transport	Classification code (ADN) : T2 Special provisions (ADN) : 274, 614, 802 Limited quantities (ADN) : 5 kg Excepted quantities (ADN) : E1 Carriage permitted (ADN) : T Equipment required (ADN) : PP, EP Number of blue cones/lights (ADN) : 0
Rail transport	Classification code (RID) : T2 Special provision (RID) : 274, 614 Limited quantities (RID) : 5kg Excepted quantities (RID) : E1 Packing instructions (RID) : P002, IBC08, LP02, R001 Special packing provisions (RID) : B3 Mixed packing provisions (RID) : MP10 Portable tank and bulk container instructions (RID) : T1 Portable tank and bulk container special provisions (RID) : TP33 Tank codes for RID tanks (RID) : SGAH, L4BH Special provisions for RID tanks (RID) : TU15 Transport category (RID) : 2 Special provisions for carriage ☐ Bulk (RID) : VC1, VC2, AP7 Special provisions for carriage ☐ Loading and unloading (RID) : CW13, CW28, CW31 Colis express (express parcels) (RID) : CE11 Hazard identification number (RID) : 60
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

15. Regulatory information

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EU-Regulations	PHENYL HYDRAZINE HYDROCHLORIDE AR is not on the REACH Candidate List PHENYL HYDRAZINE HYDROCHLORIDE AR is not on the REACH Annex XIV List
Germany	AwSV/VwVwS Annex reference : Water hazard class (WGK) 3, strongly hazardous to water (Classification according to VwVwS, Annex 2; WGK No 883) 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)
Denmark Recommendations Danish Regulation	Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

Other Information

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No data available

No data available