

1. Product and Company Identification

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Product Name RXSOL-60-6604-350

Product Type COLOCHICINE

Revised date

Company Details:

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

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah, Muscat Barka

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Email mail@rxmarine.com

2. Composition / Information on ingredients

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2.1. Substances: COLCHICINE

CAS-No. : 64-86-8

Substance.

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

3. Hazards Identification

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3.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), H300

Category 1

Acute toxicity (inhal.), H330

Category 1

Serious eye damage/eye irritation, H318

Category 1

Germ cell mutagenicity, H340

Category 1B

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

No additional information available

3.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display
Extra classification(s) to display

Symbol(s) : T : Very toxic

R Phrase(s) : R26/28 : Very toxic by Inhalation and if swallowed.

S Phrase(s) : S1 : Keep locked up.

S3: Keep in a cool place.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Hazard pictograms :

Signal word : Danger

Hazard statements : H300+H330 - Fatal if swallowed or if inhaled

H318 - Causes serious eye damage.

H340 - May cause genetic defects.

Precautionary statements : P201 - Obtain special instructions before use.

P260 - Do not breathe vapours, spray, dust, fume, gas.

P264 - Wash hands, forearms and face thoroughly after handling.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P284 - Wear respiratory protection.

P301+P310 - IF SWALLOWED: Immediately call a doctor.

3.3. Other hazards

No additional information available

4. First Aid Measures

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4.1. Description of first aid measures

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact : Wash with plenty of water/ . Remove affected

clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Get immediate medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Immediately call a POISON CENTER/doctor.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : May cause genetic defects.

Symptoms/effects after eye contact : Causes serious eye damage.

Symptoms/effects after ingestion : Fatal if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting Measures

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5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures

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6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.

Emergency procedures : Ventilate area.

6.2. Environmental precautions Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers.

6.4. Reference to other sections

No additional information available

7. Handling and Storage

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7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not breathe vapours. Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep container tightly closed.

7.3. Specific end use(s)

No additional information available

8. Exposure controls and personal protection

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8.1. Control parameters

No additional information available

8.2. Exposure controls

Hand protection : Protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

9. Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Odour threshold : No data available

pH : 6

Relative evaporation rate (butylacetate=1) : No data available

Melting point : 150 - 160 °C

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Solubility : Water: Soluble Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

9.2. Other information

No additional information available

10. Stability and reactivity

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10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Air contact. Direct sunlight.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

11. Toxicological information

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11.1. Information on toxicological effects

Acute toxicity : Oral: Fatal if swallowed.

Inhalation: Fatal if inhaled.

Skin corrosion/irritation : Not classified

pH: 6

Serious eye damage/irritation : Causes serious eye damage.

pH: 6

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Potential adverse human health effects and symptoms : Fatal if swallowed.

12. Ecological information

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12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

13. Disposal considerations

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13.1. Waste treatment methods

Product/Packaging disposal Recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Ecology - waste materials : Hazardous waste due to toxicity.

14. Transport information

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In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : 1544

UN-No. (IMDG) : 1544

UN-No. (IATA) : 1544

UN-No. (ADN) : 1544

UN-No. (RID) : 1544

14.2. UN proper shipping name

Proper Shipping Name (ADR) : ALKALOIDS, SOLID, N.O.S.

Proper Shipping Name (IMDG) : ALKALOIDS, SOLID, N.O.S.

Proper Shipping Name (IATA) : Alkaloid salts, solid, n.o.s.

Proper Shipping Name (ADN) : ALKALOIDS, SOLID, N.O.S.

Proper Shipping Name (RID) : ALKALOIDS, SOLID, N.O.S.

Transport document description (ADR) : UN 1544 ALKALOIDS, SOLID,N.O.S., 6.1, I,
(C/E)

Transport document description (IMDG) : UN 1544 ALKALOIDS, SOLID, N.O.S., 6.1, I

Transport document description (IATA) : UN 1544 Alkaloid salts, solid, n.o.s., 6.1, I

Transport document description (ADN) : UN 1544 ALKALOIDS, SOLID, N.O.S., 6.1, I

Transport document description (RID) : UN 1544 ALKALOIDS, SOLID, N.O.S., 6.1, I

14.3. Transport hazard class(es)

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

14.4. Packing group

Packing group (ADR) : I

Packing group (IMDG) : I

Packing group (IATA) : I

Packing group (ADN) : I

Packing group (RID) : I

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport- Classification code (ADR) : T2

Special provisions (ADR) : 43, 274

Limited quantities (ADR) : 0

Excepted quantities (ADR) : E5

Packing instructions (ADR) : P002, IBC07

Mixed packing provisions (ADR) : MP18

Portable tank and bulk container instructions (ADR) : T6

Portable tank and bulk container special provisions (ADR) : TP33

Tank code (ADR) : S10AH Tank special provisions (ADR) : TU15, TE19

Vehicle for tank carriage : AT Transport category (ADR) : 1

Special provisions for carriage ☒ Packages (ADR) : V10

Special provisions for carriage - Loading, unloading and handling (ADR) : CV1, CV13,
CV28

Special provisions for carriage ☒ Operation (ADR) : S9, S14

Hazard identification number (Kemler No.) : 66

Orange plates :

Tunnel restriction code (ADR) : C/E

EAC code : 2X

Transport by sea- Special provisions (IMDG) : 43, 274

Packing instructions (IMDG) : P002

IBC packing instructions (IMDG) : IBC07

IBC special provisions (IMDG) : B1

Tank instructions (IMDG) : T6

Tank special provisions (IMDG) : TP33

EmS-No. (Fire) : F-A

EmS-No. (Spillage) : S-A

Stowage category (IMDG) : A

Properties and observations (IMDG) : A wide range of toxic solids, generally of
vegetable origin. Toxic if swallowed, by skin contact or by inhalation.

MFAG-No : 151

Air transport- PCA Excepted quantities (IATA) : E5

PCA Limited quantities (IATA) : Forbidden

PCA limited quantity max net quantity (IATA) : Forbidden

PCA packing instructions (IATA) : 666

PCA max net quantity (IATA) : 5kg

CAO packing instructions (IATA) : 673

CAO max net quantity (IATA) : 50kg

Special provisions (IATA) : A3, A4, A6, A801

ERG code (IATA) : 6L

Inland waterway transport- Classification code (ADN) : T2

Special provisions (ADN) : 43, 274, 802

Limited quantities (ADN) : 0

Excepted quantities (ADN) : E5

Equipment required (ADN) : PP, EP

Number of blue cones/lights (ADN) : 2

Rail transport- Classification code (RID) : T2

Special provisions (RID) : 43, 274

Limited quantities (RID) : 0

Excepted quantities (RID) : E5

Packing instructions (RID) : P002, IBC07

Mixed packing provisions (RID) : MP18

Portable tank and bulk container instructions (RID) : T6

Portable tank and bulk container special provisions (RID) : TP33

Tank codes for RID tanks (RID) : S10AH

Special provisions for RID tanks (RID) : TU15

Transport category (RID) : 1

Special provisions for carriage ☒ Packages (RID) : W10

Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW28,

CW31

Hazard identification number (RID) : 66

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. Regulatory information

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

COLCHICINE is not on the REACH Candidate List

COLCHICINE is not on the REACH Annex XIV List

15.1.2. National regulations

Germany

Reference to AwSV : Water hazard class (WGK) 3, severe hazard to water (Classification according to AwSV; ID No. 888)

12th Ordinance Implementing the Federal

Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : COLCHICINE Extra Pure is listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen ☒ Borstvoeding : The substance is not listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen ☒

Vruchtbaarheid : The substance is not listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen ☒ Ontwikkeling : The substance is not listed

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

15.2. Chemical safety assessment

No additional information available

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.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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