

1. Product and Company Identification

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Product Name RXSOL-60-6605-833
Product Type ZENKER'S FIXING
Revised date

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Substance / Preparation: Preparation.Hazardous

component(s): This product is hazardous.

3. Hazards Identification

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3.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification: Carc. Cat. 2; R45

Muta. Cat. 2; R46Repr. Cat. 2; R60-61

T; R25Xn; 48/21/22Xi; R36/38N; R51-53

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008

(CLP)Health hazards: Carcinogenicity-Category

1B-Danger (CLP : Carc. 1B) H350

Reproductive toxicity-Fertility-Category

1B-Danger (CLP : Repr. 1B) H360

Reproductive toxicity-Unborn Child-Category

1B-Danger (CLP : Repr. 1B)H360

Specific Target Organ

Toxicity-Repeated exposure-Category 2-Warning

(CLP :STOT RE 2) H373

Eye irritation-Category 2A-Warning (CLP : Eye Irrit. 2) H319

Germ cell mutagenicity-Category

1B-Danger (CLP : Muta. 1B) H340

Acute toxicity, Oral-Category 2-Danger

(CLP : Acute Tox. 2) H300

Skin irritation-Category 2-Warning (CLP : Skin Corr. 2) H315

Environmental hazards: Hazardous to the aquatic

environment-Chronic hazard-Category 2 (CLP :Aquatic Chronic 2) H411

3.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s) : T : Toxic

N : Dangerous for the environ

R Phrase(s) ment : R25 : Toxic if swallowed.

R36/38 : Irritating to eyes and skin.

R45 : May cause cancer.

R46 : May cause heritable genetic damage.

R48/21/22 : Harmful : danger of serious damage

to health by prolonged exposure in contact with skin and if swallowed.

R51/53 : Toxic to aquatic organisms, may cause long aquatic environment.

R60 : May impair fertility. R61 : May cause harm to the unborn child.

S Phrase(s) : S4 : Keep away from living quarters.

S24 : Avoid contact with skin to avoid adverse effects on the skin.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 : After contact with skin, wash immediately with

S35 : This material and its container must be disposed of in a safe way.

S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

S38 : In case of insufficient ventilation, wear suitable respiratory equipment.

S45 : In case of accident or if you feel unwell,

seek medical advice immediately (show the label when possible).

S53 : Avoid exposureobtain special instructions before use.

S57 : Use appropriate container to avoid environmental contamination.

S59 : Refer to manufacturer/supplier for information on recovery/recycling.

S60 : This material and its container must be disposed of as hazardous waste.

S61 : Avoid release to the environment.

Refer to special instructions/Safety data sheets.

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms

Signal words : Danger

Hazard statements H350 : M : H300 : Fatal if swallowed. ay cause cancer.

H340 : May cause genetic defects.H360F : May damage fertility.

H319 : Causes serious eye irritation.

H315 : Causes skin irritation.

H373 : May cause damage to organs through prolonged or repeated exposure.

H411 : Toxic to aquatic life with long lasting effects.

H360D: May damage the unborn child.Precautionary statements

☒ General: P201: Obtain special instructions before use.

☒ Prevention: P280: Wear protective gloves, protective clothing, eye protection, faceprotection.

P260: Do not breathe dust, fume, gas, mist, vapours, spray.

P273: Avoid release to the environment.

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

☒ Response: P301+P310: IF SWALLOWED : Immediately call a POISON CENTER ordoctor.

P302+P352: IF ON SKIN : Wash with plenty of soap and water.

P308+P313: If exposed or concerned : get medical advice.

P332+P313: If skin irritation occurs : Get medical advice.

P391: Collect spillage.

P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P363: Wash contaminated clothing before reuse.

P314: Get medical advice if you feel unwell.

☒ Storage: P405: Store locked up.

☒ Disposal considerations: P501: Dispose of this material and its container to hazardousor

special wastecollection point, in accordance with local, regional, national and/orinternationalregulation.

Special labelling: Restricted to professional users.

(Substances which appear in Part 3 ofAnnex VI toRegulation (EC) No 1272/2008)

3.3. Other hazards

Other hazards: The substance does not fulfil the criteria to be identified as PBT

substance or vPvB substance according to Annex XIII of Regulation

REACH. Other hazards:

☞ Potassium dichromate : 294.2

4. First Aid Measures

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4.1. Description of first aid measures

Inhalation: Assure fresh air breathing.

Allow the victim to rest. Skin contact: Wash contaminated clothing before reuse.

Wash with plenty of soap and water. If skin irritation occurs : Get medical advice.

Specific treatment (see on this label).

Eye contact: If eye irritation persists : Get medical advice.

Remove contact lenses, if present and easy to do. Continue rinsing.

Rinse cautiously with water for several minutes. Ingestion: Rinse mouth. Do NOT induce vomiting.

Specific treatment (see on this label). Immediately call a POISON CENTER or doctor.

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

Symptoms relating to use: May cause cancer. May cause genetic defects.

Causes damage to organ.

Fatal if swallowed. May damage fertility. Causes serious eye irritation. Causes skin irritation. May damage the unborn child.

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

General information: P308+P313: If exposed or concerned : get medical advice.

Never give anything by mouth to an unconscious person.

If exposed or concerned : get medical advice.

5. Fire-fighting Measures

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5.1. Extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

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

Surrounding fires: Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Under fire conditions, hazardous fumes will be present.

5.3. Advice for fire-fighters

Protection against fire: Do not enter fire area without proper protective equipment,

including respiratory protection. Special procedures: Exercise caution when fighting

any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6. Accidental Release Measures

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6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders: Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel: Evacuate unnecessary personnel.

6.2. Environmental precautions

Environmental precautions: Prevent entry to sewers and public waters.

Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods: On land, sweep or shovel into suitable containers

. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and Storage

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7.1. Precautions for safe handling

Handling: Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area. Wash thoroughly after handling.

Technical protective measures: Provide good ventilation in process area to prevent formation of vapour.

Special precautions: Avoid breathing dust, fume, gas, mist, vapours, spray.

7.2. Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original container in a cool, well ventilated place.

Keep container tightly closed.

Storage-away from: Strong bases. Strong acids. Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

Specific end use(s): None.

8. Exposure controls and personal protection

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8.1. Exposure controls

Personal protection: Avoid all unnecessary exposure.

☐ Respiratory protection: Wear approved mask.

☐ Hand protection: Wear protective gloves.

☐ Skin protection: Wear suitable protective clothing.

☐ Eye protection: Chemical goggles or safety glasses.

☐ Others: When using, do not eat, drink or smoke.

8.2. Control parameters

Occupational Exposure Limits: No data available.

Occupational Exposure Limits: Potassium dichromate : MAC[mg/m³] : 0.03

Potassium dichromate : HTP-värden-8 H-[mg/m³] : 5

9. Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Physical state at 20 °C: Liquid.

Odour threshold: No data available.

pH value: No data available.

Melting point [°C]: No data available.

Decomposition point [°C]: N/A

Critical temperature [°C]: No data available.

Auto-ignition temperature [°C]: No data available.

Flammability (solid, gas): N/A

Flash point [°C]: No data available.

Boiling point [°C]: N/A

Initial boiling point [°C]: No data available.

Final boiling point [°C]: No data available.

Evaporation rate: N/A

Vapour pressure [20°C]: No data available.

Vapour pressure mm/Hg: N/A

Vapour density: N/A

Density [g/cm³]: 1,056

Relative density, gas (air=1): N/A

Relative density, liquid (water=1): N/A

Solubility in water [% weight]: N/A

Solubility in water: No data available

.Log Pow octanol / water at 20°C: No data available.

Solubility: N/A

Viscosity at 40°C [mm²/s]: No data available.

9.2. Other information

Explosive properties: N/A

Explosion limits-upper [%]: No data available.

Explosion limits-lower [%]: No data available.

Oxidising properties: No data available.

10. Stability and reactivity

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10.1. Reactivity

Reactivity: Not established.

10.2. Chemical stability

Chemical stability: Stable under recommended storage conditions.

10.3. Possibility of hazardous

reactionsHazardous reactions: Not established.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Materials to avoid: Strong acids. Strong bases.

10.6. Hazardous decomposition

productsHazardous decomposition products: Fumes. Carbon monoxide. Carbon dioxide.

11. Toxicological information

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11.1. Information on toxicological effectsToxicity

information: The product has been not fully tested.

The calculated risk hasbeen done under therequirements of the EU regulations.Acute toxicity

☒ Inhalation: Based on available data, the classification criteria are not met.

☒ Dermal: Based on available data, the classification criteria are not met.

☒ Ingestion: Fatal if swallowed.

Corrosion: Based on available data, the classification criteria are not met.

Irritation: Causes serious eye irritation.

Causes skin irritation.Sensitization: Based on available data, the classification criteria are not met.

Mutagenicity: May cause genetic defects.Carcinogenicity: May cause cancer.

Toxic for reproduction: May damage fertility.May damage theunborn child.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: May cause damage to organs through prolonged or repeatedexposure

.Aspiration hazard: Based on available data, the classification criteria are not met.

12. Ecological information

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12.1. Toxicity

Toxicity information: Toxic to aquatic life with long lasting effects.

12.2. Persistence-degradability

Persistence-degradability: May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

Bioaccumulative potential: Not established.

12.4. Mobility in soil

Mobility in soil: Not established.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

☐ Potassium dichromate : 294.2

12.6. Other adverse effects

Environmental precautions: Avoid release to the environment.

13. Disposal considerations

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13.1. Waste treatment methods

General: Avoid release to the environment.

Dispose in a safe manner in accordance with local/national regulations.

Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Special precautions: Hazardous waste due to toxicity.

14. Transport information

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14.1. Land transport (ADR-RID)

Proper shipping name: TOXIC LIQUID, INORGANIC, N.O.S.

UN N°: 3287

H.I. nr: 60

ADR-Class: 6.1

Labelling-Transport: 6.1 : Toxic substances.

9 : Miscellaneous dangerous substances and articles.

ADR-Classification code: T4

ADR-Group: II

ADR-Packing instructions: P001

ADR-Limited Quantity: 100

MLADR-Tunnel code: D/E : Bulk or tank

carriage: Passage forbidden through tunnels of category D and E.

Other carriage: Passage forbidden through tunnels of category E.

14.2. Sea transport (IMDG) [English only]

Proper shipping name: TOXIC LIQUID, INORGANIC, N.O.S.

UN N°: 3287

IMO-IMDG-Class or division: 6.1 : Toxic substances.

(9 : Miscellaneous dangerous substances and articles.)

IMO-IMDG-Packing group: II

IMO-IMDG-Packing instructions: P001

IMO-IMDG-Limited quantities: 100

IMO-IMDG-Marine pollution: Yes EMS-Nr: F-A S-A

14.3. Air transport (ICAO-IATA) [English only]

Proper shipping name: TOXIC LIQUID, INORGANIC, N.O.S.

UN N°: 3287

IATA-Class or division: 6.1 : Toxic substances.

(9 : Miscellaneous dangerous substances and articles.)

IATA-Packing group: II

IATA-Passenger and Cargo Aircraft: ALLOWED-

Passenger and Cargo-Packing: 654

instruction-Passenger and Cargo-Maximum: 5 L

Quantity/Packing

IATA-Cargo only: ALLOWED-

Cargo only-Packing instruction: 662-

Cargo only-Maximum Quantity/: 60 L

Packing IATA-Limited Quantities: 1 L

ERG-Nr: 6L

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

Safety, health and environmental: Ensure all national/local regulations are observed.

regulations/legislation specific for the substance or mixture

REACH Restrictions-Annex XVII: With the exception of those listed

below: The components of this product are not subject to restrictions.

☐ Potassium dichromate : Annex XVII

REACH Authorisation-Annex XIV: The components of this product are not subject to authorization.

15.2. Chemical Safety Assessment

Chemical Safety Assessment: It has not been carried out.

16. Other information

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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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