

1. Product and Company Identification

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Product Name RXSOL-60-6605-128
Product Type o-CRESOL FOR SYNTHESIS
Revised date

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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2.1. Substance : o-CRESOL FOR SYNTHESIS

CAS No : 95-48-7

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 (dermal), H311

Category 3

Acute toxicity (oral), H301

Category 3

Skin corrosion/irritation, H314

Category 1B

Classification according to Directive 67/548/EEC or 1999/45/EC

Adverse physicochemical, human health and environmental effects

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) : R24/25: Toxic in contact with skin and if swallowed.

R34: Cause burns.

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

S36/37/39 : Wear suitable protective clothing and gloves & eye/face protecting.

Hazard pictograms :

Signal word : Danger

Hazard statements : H314 - Causes severe skin burns and eye damage

H311 - Toxic in contact with skin

H301 - Toxic if swallowed

Precautionary statements : P280 - Wear protective gloves, protective clothing, eye protection, face protection

P301+P310 - IF SWALLOWED: Immediately call a doctor

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 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 : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or doctor/physician.

First-aid measures after skin contact : Immediately call a POISON CENTER or

doctor/physician. Wash with plenty of soap and water. Wash contaminated clothing before reuse.

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

Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after ingestion : Rinse mouth. Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

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

Symptoms/injuries : Causes severe skin burns and eye damage.

Symptoms/injuries after skin contact : Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin.

Symptoms/injuries after ingestion : Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

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 : Carbon dioxide. Dry powder. Foam. Water spray.

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 : Equip cleanup crew with proper protection.

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 : Avoid contact with skin and eyes. Do not breathe vapours.

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 face shield

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear respiratory protection

9. Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Odour threshold : 5 ppm

pH : 4.5 at 25,00000 g/l

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

Melting point : 30 - 34 °C

Freezing point : No data available

Boiling point : 191.5 °C

Flash point : 81 °C

Critical temperature : 424 °C

Auto-ignition temperature : 598.89 °C

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : 0.4 hPa at 20°C

Relative vapour density at 20 °C : 3.72

Relative density : No data available

Density : 1.047 g/cm³

Solubility : Water: Partially soluble in cold water

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

Direct sunlight. Overheating.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Thermal decomposition generates : Corrosive vapours.

11. Toxicological information

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11.1. Information on toxicological effects

Acute toxicity : Dermal: Toxic in contact with skin. Oral: Toxic if swallowed.

Skin corrosion/irritation : Causes severe skin burns and eye damage.

pH: 4.5 at 25,00000 g/l

Serious eye damage/irritation : Serious eye damage, category 1, implicit

pH: 4.5 at 25,00000 g/l

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

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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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 ...

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) : 3455

UN-No. (IMDG) : 3455

UN-No.(IATA) : 3455

UN-No.(ADN) : Not regulated

UN-No. (RID) : Not regulated

14.2. UN proper shipping name

Proper Shipping Name (ADR) : CRESOLS, SOLID

Proper Shipping Name (IMDG) : CRESOLS, SOLID

Proper Shipping Name (IATA) : CRESOLS, SOLID

Proper Shipping Name (ADN) : Not regulated

Proper Shipping Name (RID) : Not regulated

Transport document description (ADR) : UN 3455 CRESOLS, SOLID, 6.1 (8), II, (D/E)

Transport document description (IMDG) : UN 3455 CRESOLS, SOLID, 6.1 (8), II

Transport document description (IATA) : UN 3455 CRESOLS, SOLID, 6.1, II

4.3. Transport hazard class(es)

ADR- Transport hazard class(es) (ADR) : 6.1 (8)

Danger labels (ADR) : 6.1, 8

IMDG- Transport hazard class(es) (IMDG) : 6.1 (8)

Danger labels (IMDG) : 6.1, 8

IATA- Transport hazard class(es) (IATA) : 6.1 (8)

Hazard labels (IATA) : 6.1, 8

ADN- Transport hazard class(es) (ADN) : Not regulated

RID- Transport hazard class(es) (RID) : Not regulated

14.4. Packing group

Packing group (ADR) : II

Packing group (IMDG) : II

Packing group (IATA) : II

Packing group (ADN) : Not regulated

Packing group (RID) : Not regulated

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) : TC2

Limited quantities (ADR) : 500g

Excepted quantities (ADR) : E4

Packing instructions (ADR) : P002, IBC08

Special packing provisions (ADR) : B4

Mixed packing provisions (ADR) : MP10

Portable tank and bulk container instructions (ADR) : T3

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 ☒ Packages (ADR) : V11

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

Special provisions for carriage ☒ Operation (ADR) : S9, S19

Hazard identification number (Kemler No.) : 68

Orange plates :

Tunnel restriction code (ADR) : D/E

EAC code : 2X

Transport by sea- Limited quantities (IMDG) : 500 g

Excepted quantities (IMDG) : E4

Packing instructions (IMDG) : P002

IBC packing instructions (IMDG) : IBC08

IBC special provisions (IMDG) : B2, B4

Tank instructions (IMDG) : T3

Tank special provisions (IMDG) : TP33

EmS-No. (Fire) : F-A

EmS-No. (Spillage) : S-B

Stowage category (IMDG) : B

MFAG-No : 153

Air transport- PCA Excepted quantities (IATA) : E4

PCA Limited quantities (IATA) : Y644

PCA limited quantity max net quantity (IATA) : 1kg

PCA packing instructions (IATA) : 668

PCA max net quantity (IATA) : 15kg

CAO packing instructions (IATA) : 675

CAO max net quantity (IATA) : 50kg

ERG code (IATA) : 6C

Inland waterway transport- Not regulated

Rail transport- Not regulated

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

o-CRESOL FOR SYNTHESIS is not on the REACH Candidate List

o-CRESOL FOR SYNTHESIS is not on the REACH Annex XIV List

15.1.2. National regulations

Germany

AwSV/VwVwS Annex reference : Water hazard class (WGK) 1, slightly hazardous to water (KBwS-Beschluss; WGK No 1223)

12th Ordinance Implementing the Federal

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

Denmark

Class for fire hazard : Class III-1

Store unit : 50 liter

Classification remarks : Flammable according to the Danish Ministry of Justice;

Emergency management guidelines for the storage of flammable liquids must be followed

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

15.2. Chemical safety assessment

No additional information available

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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