

1. Product and Company Identification

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Product Name **RXSOL-60-6604-053**
Product Type BENZOYL PEROXIDE (moistened with 25% water)
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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2. Composition / Information on ingredients

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2.1. Substance : BENZOYL PEROXIDE (WITH 25% WATER)

CAS No : 94-36-0

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]

Self-Reactive Substances H242

and Mixtures, Type C

Serious eye damage/eye H319

irritation, Category 2

Sensitisation ☒ Skin, H317

category 1

Full text of classification categories and H statements : see section 16

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

O; Xi; R36 R43 R1

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Extra labelling to displayExtra classification(s) to display

Symbol(s) : Xi : Irritation.

R Phrase(s): R2 : Risk of explosion by stock, friction, fire or other sources of ignition.

R36 : Irritating to eyes.

R43: May cause sensitization by skin contact.

S Phrase(s) : S3/7 : Keep container tightly closed in a cool place.

S14 : Keep away from (Incompatible material to be indicated by the manufacturer).

S24: Avoid contact with skin

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

Hazard pictograms



Signal word : Danger

Hazard statement : H242 - Heating may cause a fire

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

Precautionary statements : P220 - Keep away from clothing and other 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

P410 - Protect from sunlight

P420 - Store separately

2.3. 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 soap and water. Get medical advice/attention. 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. Get medical advice/attention. First-aid measures after ingestion : Rinse mouth. Do not induce vomiting.

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

Symptoms/injuries after inhalation : May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Causes serious eye irritation.

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

Treat symptomatically

5. Fire-fighting Measures

www.r

5.1. Extinguishing media

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

Unsuitable extinguishing media : Do not use extinguishing media containing water.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Heating may cause a fire.

Hazardous decomposition products in case of fire : Thermal decomposition generates : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Fight fire remotely due to the risk of explosion.

DO NOT fight fire when fire reaches explosives. Evacuate area.

6. Accidental Release Measures

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6.1. Personal precautions, protective equipment and emergency procedures

General measures : No naked lights. No smoking. Remove ignition sources.

Use special care to avoid static electric charges.

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

Additional hazards when processed : Hazardous waste due to potential risk of explosion.

Precautions for safe handling : Do not breathe vapours. Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes.

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

Contaminated work clothing should not be allowed out of the workplace.

Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep in fireproof place. Store in a well-ventilated place. Keep cool.

Incompatible materials : Heat sources. combustible materials.

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

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 : No data available

pH : No data available

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

Melting point : 103 - 104 °C

Freezing point : No data available

Boiling point : No data available

Flash point : 40 °C

Auto-ignition temperature : 80 °C

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

Density : 1.334 g/cm³

Solubility : Water: Slightly soluble in water

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : Explosive when dry.

Oxidising properties : May intensify fire; oxidiser.

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

Heating may cause a fire. Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Heat. Sparks. Open flame.

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 : Not classified

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

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

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

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to ...

Additional information : Clean up even minor leaks or spills if possible without unnecessary risk. Hazardous waste due to potential risk of explosion.

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

14.1. UN number

UN-No. (ADR) : 3104

UN-No. (IMDG) : 3104

UN-No.(IATA) : 3104

UN-No.(ADN) : 3104

UN-No. (RID) : 3104

14.2. UN proper shipping name

Proper Shipping Name (ADR) : ORGANIC PEROXIDE TYPE C, SOLID

Proper Shipping Name (IMDG) : ORGANIC PEROXIDE TYPE C, SOLID

Proper Shipping Name (IATA) : ORGANIC PEROXIDE TYPE C, SOLID

Proper Shipping Name (ADN) : ORGANIC PEROXIDE TYPE C, SOLID

Proper Shipping Name (RID) : ORGANIC PEROXIDE TYPE C, SOLID

Transport document description (ADR) : UN 3104 ORGANIC PEROXIDE TYPE C, SOLID, 5.2, (D)

Transport document description (IMDG) : UN 3104 ORGANIC PEROXIDE TYPE C, SOLID, 5.2

Transport document description (IATA) : UN 3104 ORGANIC PEROXIDE TYPE C, SOLID, 5.2

Transport document description (ADN) : UN 3104 ORGANIC PEROXIDE TYPE C, SOLID,
5.2

Transport document description (RID) : UN 3104 ORGANIC PEROXIDE TYPE C, SOLID,
5.2

14.3. Transport hazard class(es)

ADR : Transport hazard class(es) (ADR) : 5.2 Danger labels (ADR) : 5.2

IMDG : Transport hazard class(es) (IMDG) : 5.2 Danger labels (IMDG) : 5.2

IATA : Transport hazard class(es) (IATA) : 5.2 Hazard labels (IATA) : 5.2

ADN : Transport hazard class(es) (ADN) : 5.2 Danger labels (ADN) : 5.2

RID : Transport hazard class(es) (RID) : 5.2 Danger labels (RID) : 5.2

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

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) : P1

Special provision (ADR) : 122, 274

Limited quantities (ADR) : 100g

Excepted quantities (ADR) : E0

Packing instructions (ADR) : P520

Mixed packing provisions (ADR) : MP4

Transport category (ADR) : 1

Special provisions for carriage ☐ Packages (ADR) : V1

Special provisions for carriage - Loading,
unloading and handling (ADR) : CV15, CV20, CV22, CV24

Special provisions for carriage ☐ Operation (ADR) : S8, S18

Tunnel restriction code (ADR) : D

EAC code : 1WE

Transport by sea

Special provision (IMDG) : 122, 195, 274

Limited quantities (IMDG) : 100 g

Excepted quantities (IMDG) : E0

Packing instructions (IMDG) : P520

EmS-No. (Fire) : F-J

EmS-No. (Spillage) : S-R

Stowage category (IMDG) : D

Stowage and handling (IMDG) : SW1

Segregation (IMDG) : SG35, SG36

MFAG-No : 146

Air transport

PCA Excepted quantities (IATA) : E0

PCA Limited quantities (IATA) : Forbidden

PCA limited quantity max net quantity (IATA) : Forbidden

PCA packing instructions (IATA) : 570

PCA max net quantity (IATA) : 5kg

CAO packing instructions (IATA) : 570

CAO max net quantity (IATA) : 10kg

Special provision (IATA) : A20, A150

ERG code (IATA) : 5L

Inland waterway transport

Classification code (ADN) : P1

Special provisions (ADN) : 122, 274

Limited quantities (ADN) : 100 g

Excepted quantities (ADN) : E0

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01

Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : P1

Special provision (RID) : 122, 274

Limited quantities (RID) : 100g

Excepted quantities (RID) : E0

Packing instructions (RID) : P520

Mixed packing provisions (RID) : MP4

Transport category (RID) : 1

Special provisions for carriage ☐ Packages (RID) : W7

Special provisions for carriage ☐ Loading

and unloading (RID) : CW22, CW24, CW29

Colis express (express parcels) (RID) : CE10

Hazard identification number (RID) : 539

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 Benzoyl peroxide is not on the REACH Candidate List

Benzoyl peroxide 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 (Classification according to

VwVwS, Annex 2; WGK No 1100)

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 II-1

Store unit : 5 liter

Classification remarks : R10 ; 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

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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