

1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-60-6604-810
Product Type LEAD CHROMATE LR
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

Phone +91 22 27815541 / 42
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email mail@rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

2.1. Substance : LEAD CHROMATE

CAS No : 7758-97-6

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

3. Hazards Identification

www.rxmarine.com

3.1. Classification of the substance or mixture

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

Carcinogenicity, Category H350

1B

Reproductive toxicity, H360D

Category 1A

Reproductive toxicity, H361f

Category 2

Hazardous to the aquatic H400

environment ☒ Acute

Hazard, Category 1

Hazardous to the aquatic H410

environment ☒ Chronic

Hazard, Category 1

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

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

Carc.Cat.2; R45

Repr.Cat.1; R61

Repr.Cat.3; R62

N; R50/53

R33

Full text of R-phrases: see section 16

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

displayExtra classification(s)

to display Symbol(s) : T : Very toxic

N : Dangerous for the environment

R Phrase(s) :R61: May cause harm to unborn child.

R33: Danger of cumulative effects.

R40 : Possible risk of very serious irreversible effects.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effect in the aquatic environment.

R62: Possible risk of impaired fertility.

S Phrase(s) : S53 : Avoid exposure ☒ obtain special instruction before use.

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

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

S61 : Avoid release to the environment . refer to special instruction/safety data sheets

. Hazard pictograms

Signal word : Danger.

Hazard statements : H350 - May cause cancer

H360D - May damage the unborn child

H361f - Suspected of damaging fertility

H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements : P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P273 - Avoid release to the environment

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P308+P313 - IF exposed or concerned: Get medical advice/attention

P391 - Collect spillage P405 - Store locked up

P501 - Dispose of contents/container to ...

3.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

4. First Aid Measures

www.rxmarine.com

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. If you feel unwell, seek medical advice. First-aid measures after skin contact : Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do.

Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth out with water. If you feel unwell, seek medical advice.

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

Symptoms/injuries : May cause cancer. Suspected of damaging fertility. May damage the unborn child. There are potential chronic health effects to consider.

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

No additional information available

5. Fire-fighting Measures

www.rxmarine.com

5.1. Extinguishing media

Suitable extinguishing media : 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

No additional information available

6. Accidental Release Measures

www.rxmarine.com

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 : Stop release.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

7. Handling and Storage

www.rxmarine.com

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until

all safety precautions have been read and understood.

Hygiene measures : 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

No additional information available

7.3. Specific end use(s)

No additional information available

8. Exposure controls and personal protection

www.rxmarine.com

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 appropriate mask

9. Physical and chemical properties

www.rxmarine.com

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 : 844 °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

Density : 6.3 g/cm³

Solubility : Water: Negligible

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

www.rxmarine.com

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Direct sunlight. Air contact. Moisture.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

11. Toxicological information

www.rxmarine.com

11.1. Information on toxicological effects

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : May cause cancer.

Reproductive toxicity : May damage the unborn child. Suspected of damaging fertility.

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Additional information : There are potential chronic health effects to consider

Aspiration hazard : Not classified

12. Ecological information

www.rxmarine.com

12.1. Toxicity

Ecology - water : Very toxic to aquatic life with long lasting effects

12.2. Persistence and degradability

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

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

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex

XIII

12.6. Other adverse effects

13. Disposal considerations

www.rxmarine.com

13.1. Waste treatment methods

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

14. Transport information

www.rxmarine.com

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

14.1. UN number

UN-No. (ADR) : 3077

UN-No. (IMDG) : 3077

UN-No.(IATA) : 3077

UN-No.(ADN) : 3077

UN-No. (RID) : 3077

14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE

, SOLID, N.O.S.

Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,

SOLID, N.O.S.

Proper Shipping Name (IATA) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,

SOLID, N.O.S

Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE

, SOLID, N.O.S.

Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,

SOLID, N.O.S.

Transport document description (ADR) : UN 3077 ENVIRONMENTALLY

HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III, (E)

Transport document description (IMDG) : UN 3077 ENVIRONMENTALLY

HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III,

MARINE POLLUTANT

Transport document description (IATA) : UN 3077 ENVIRONMENTALLY

HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III

Transport document description (ADN) : UN 3077 ENVIRONMENTALLY

HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III

Transport document description (RID) : UN 3077 ENVIRONMENTALLY

HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III

14.3. Transport hazard class(es)

ADR: Transport hazard class(es) (ADR) : 9

Danger labels (ADR) : 9

IMDG : Transport hazard class(es) (IMDG) : 9

Danger labels (IMDG) : 9

IATA: Transport hazard class(es) (IATA) : 9

Hazard labels (IATA) : 9

AND: Transport hazard class(es) (ADN) : 9

Danger labels (ADN) : 9

RID: Transport hazard class(es) (RID) : 9

Danger labels (RID) : 9

14.4. Packing group

Packing group (ADR) : III

Packing group (IMDG) : III

Packing group (IATA) : III

Packing group (ADN) : III

Packing group (RID) : III

14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport-Classification code (ADR) : M7

Special provision (ADR) : 274, 335, 601, 375

Limited quantities (ADR) : 5kg

Excepted quantities (ADR) : E1

Packing instructions (ADR) : P002, IBC08, LP02, R001

Special packing provisions (ADR) : PP12, B3

Mixed packing provisions (ADR) : MP10

Portable tank and bulk container

instructions (ADR) : T1, BK1, BK2

Portable tank and bulk container special

provisions (ADR) : TP33

Tank code (ADR) : SGAV, LGBV

Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage ☑ Packages (ADR) : V13

Special provisions for carriage ☑ Bulk (ADR) : VC1, VC2

Special provisions for carriage - Loading,

unloading and handling (ADR) : CV13

Hazard identification number (Kemler No.) : 90

Orange plates

: Tunnel restriction code (ADR) : E

EAC code : 2Z

Transport by sea

Special provision (IMDG) : 274, 335, 966, 967, 969

Limited quantities (IMDG) : 5 kg

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : P002, LP02

Packing provisions (IMDG) : PP12 IBC

packing instructions (IMDG) : IBC08 IBC

special provisions (IMDG) : B3

Tank instructions (IMDG) : T1, BK1, BK2, BK3

Tank special provisions (IMDG) : TP33

EmS-No. (Fire) : F-A

EmS-No. (Spillage) : S-F

Stowage category (IMDG) : A

Stowage and handling (IMDG) : SW23

MFAG-No : 171

Air transport--

PCA Excepted quantities (IATA) : E1

PCA Limited quantities (IATA) : Y956

PCA limited quantity max net quantity (IATA) : 30kgG

PCA packing instructions (IATA) : 956

PCA max net quantity (IATA) : 400kg

CAO packing instructions (IATA) : 956

CAO max net quantity (IATA) : 400kg

Special provision (IATA) : A97, A158 , A179, A197

ERG code (IATA) : 9L

Inland waterway transport

Classification code (ADN) : M7

Special provisions (ADN) : 274, 335, 375, 601

Limited quantities (ADN) : 5 kg

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T* B**

Equipment required (ADN) : PP, A

Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : M7

Special provision (RID) : 274, 335, 375, 601

Limited quantities (RID) : 5kg

Excepted quantities (RID) : E1

Packing instructions (RID) : P002, IBC08, LP02, R001

Special packing provisions (RID) : PP12, B3

Mixed packing provisions (RID) : MP10

Portable tank and bulk container instructions (RID): T1, BK1, BK2

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

Tank codes for RID tanks (RID) : SGAV, LGBV

Transport category (RID) : 3

Special provisions for carriage ☒ Packages (RID): W13

Special provisions for carriage ☒ Bulk (RID) : VC1, VC2

Special provisions for carriage ☒ Loading and unloading (RID): CW13, CW31

Colis express (express parcels) (RID) : CE11

Hazard identification number (RID) : 90

Not applicable

15. Regulatory information

www.rxmarine.com

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Lead chromate is on the REACH Candidate List

Lead chromate is on the REACH Annex XIV List

Authorisation number Sunset date REACH authorization exemptions 21/05/2015

15.1.2. National regulations

Germany

AwSV/VwVwS Annex reference : Water hazard class (WGK) 3, strongly hazardous to water (KBwS-Beschluss; WGK No 7885) 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

15.2. Chemical safety assessment

No additional information available

16. Other information

www.rxmarine.com

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

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.