# Material Safety Data Sheet

**COBALT OXIDE PURE** (RXSOL-60-6604-346)

## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | RXSOL-60-6604-346 |
| Product Type | COBALT OXIDE PURE |
| 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 |
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| Email | mail@rxmarine.com |

## 2. Composition / informationon ingredients

2.1. Substances: COBALT OXIDE  Pure
CAS-No. : 1308-06-1
Substance. Contains no other components or impurities which will influence the classification of the product.

## 3. Hazards Identification

3.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Skin sensitisation, H317
Category 1
Carcinogenicity (inhalation) Category 1A H350i
Carcinogenicity, H351
Category 2
Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
Adverse physicochemical, human health and environmental effects
No additional information available
3.2. Label elements.
Symbol(s) : Xi : Irritation.
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Extra labelling to displayExtra classification(s) to display

Hazard pictograms

Signal word : Danger
Hazard statements  : H317 -
May cause an allergic skin reaction. H350i -
May cause cancer by inhalation. H351 -
Suspected of causing cancer.
Precautionary statements  : P201 - Obtain special instructions before use.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
3.3. Other hazards
No additional information available
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## 4. First Aid Measures

4.1. Description of first aid measures
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash with plenty of water/….
First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing.
Rinse cautiously with water for several minutes. First-aid measures after ingestion : Rinse mouth. Do not induce vomiting.
4.2. Most important symptoms and effects, both acute and delayed
Symptoms/effects after inhalation : May cause cancer by inhalation. Symptoms/effects after
skin contact : May cause an allergic skin reaction.
Chronic symptoms : Suspected carcinogen.
4.3. Indication of any immediate medical attention and special treatment needed
No additional information available

## 5. Fire-fighting Measures

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

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.
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

7.1. Precautions for safe handling
Precautions for safe handling : Avoid contact with skin and eyes.
Do not breathe vapours. 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
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

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 : [In case of inadequate ventilation] wear respiratory protection.

## 9. Physical and chemical properties

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 : No data available
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 : No data available
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

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. Moisture.
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
No additional information available

## 11. Toxicological information

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 : May cause an allergic
skin reaction. Germ cell mutagenicity : Not classified
Carcinogenicity : May cause cancer by
inhalation. Suspected of causing cancer.
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified A
spiration hazard : Not classified

## 12. Ecological information

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

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.

## 14. Transport information

In accordance with ADR / RID / IMDG / IATA / ADN
14.1. UN number
UN-No. (ADR) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable
14.2. UN proper shipping name
Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable
14.3. Transport hazard class(es)
ADR- Transport hazard class(es) (ADR) : Not applicable
IMDG- Transport hazard class(es) (IMDG) : Not applicable
IATA- Transport hazard class(es) (IATA) : Not applicable
ADN- Transport hazard class(es) (ADN) : Not applicable
RID- Transport hazard class(es) (RID) : Not applicable
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- No data available
Transport by sea- No data available
Air transport- No data available
Inland waterway transport- No data available
Rail transport- No data available
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

## 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1. EU-Regulations
No REACH Annex XVII restrictions COBALT OXIDE  is not on the REACH Candidate List
COBALT OXIDE  is not on the REACH Annex XIV List
15.1.2. National regulations Germany Reference to AwSV : Water hazard class (WGK)
1, low hazard to water (Classification according to AwSV; ID No. 2861)
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 : The substance is not 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

## 16. Other information

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.
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