Material Safety Data Sheet

BENZYL BENZOATE Confirming to BP (RXSOL-60-6604-056)

1. Product and Company Identifaction

Product Name	RXSOL-60-6604-056
Product Type	BENZYL BENZOATE (Confirming to BP)
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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2. Composition / informationon ingredients

2.1 Substances: Benzyl Benzoate
CAS-No. : 120-51-4

Substance name	Contents	CAS No
Benzyl benzoate	= 100 %	120-51-4

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
Acute toxicity, Oral (Category 4), H302
Chronic aquatic toxicity (Category 2), H411
For the full text of the H-Statements mentioned in this Section, see Section
16. 2.2 Label elements
Labelling according Regulation (EC) No 1272/2008
Symbol(s) : Xn: Harmful
N : Dangerous for the environment

R Phrase(s) : R22: Harmful if swallowed.
R51/53 : Toxic to aquatic organisms, may cause long-term
adverse effects in the aquatic environment.
S Phrase(s) : S2: Keep out of reach of children.
S25 : Avoid contact with eyes.
S46: If swallowed seek medical advice immediately and show this container or label.
S61: avoid release to the environment .
refer to special instruction/safety data sheets.
Labelling according Regulation (EC) No 1272/2008
Hazard pictograms



Signal word : Warning
Hazard statement(s)
H302 Harmful if swallowed.
H411 Toxic to aquatic life with long lasting effects.
Precautionary statement(s)
P273 Avoid release to the environment.
Supplemental Hazard Statements None
2.3 Other hazards
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

4. First Aid Measures

4.1 Description of first aid measures
• General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.
• If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Consult a physician.
•In case of skin contact
Wash off with soap and plenty of water. Consult a physician.
•In case of eye contact
Flush eyes with water as a precaution.
•If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section
11 4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. Fire-fighting Measures

5.1 Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
5.2 Special hazards arising from the substance or mixture
Carbon oxides
5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.
5.4 Further information
No data available

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapours, mist or gas.
Ensure adequate ventilation. For personal protection see section 8.
6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Discharge into the environment must be avoided.
6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste.
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. Handling and Storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to
prevent leakage. Storage class (TRGS 510): Combustible liquids

7.3 Specific end use(s)

Apart from the uses mentioned in section
1.2 no other specific uses are stipulated

8. Exposure controls and personal protection

8.1 Control parameters

8.2 Exposure controls

•Appropriate engineering controls

Handle in accordance with good industrial hygiene
and safety practice. Wash hands before breaks and at the end of workday.

•Personal protective equipment

•Eye/face protection

Face shield and safety glasses
Use equipment for eye protection tested and approved under appropriate
government standards such as NIOSH (US) or EN 166(EU).

•Skin protection

Handle with gloves.Gloves must be inspected prior to use. Use proper glove removal
technique (without touching glove's outer surface) to avoid skin contact with this product.
Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Wash and dry hands. If used in solution, or mixed with other substances, and under conditions which differ
from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must
be evaluated by an industria situation of anticipated use by our customers. It should not be construed as
offering an approval for any specific use scenario.

• Body Protection

Complete suit protecting against chemicals, The type of protective equipment must
be selected according to the concentration and amount of the dangerous
substance at the specific workplace.

• Respiratory protection

Where risk assessment shows air-purifying respirators
are appropriate use (US) or type ABEK (EN 14387) respirator cartridges as a backup
to enginee protection, use a full-face supplied air respirator. Use respirators and
components tested and approved under appropriate government standards such
as NIOSH (US) or CEN (EU).

• Control of environmental exposure

Prevent further leakage or spillage if safe to do so.
Do not let product enter drains. Discharge into the environment must be avoided.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Odour Threshold: No data available

pH: No data available
Melting point/freezing point
Melting point/range: 17 - 20 °C - lit.
Initial boiling point and boiling range:323 - 324 °C - lit.
Flash point 158 °C - closed cup
Evaporation rate: No data available
Flammability (solid, gas): No data available
Upper/lower flammability or explosive limits : No data available
Vapour pressure 1 mmHg at 125 °C
Vapour density : No data available
Relative density :1.118 g/cm3 at 20 °C
Water solubility No data available
Partition coefficient: noctanol/ Water :log Pow: 4
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity: No data available
Explosive properties: No data available
Oxidizing properties: No data available
9.2 Other safety information
No data available

10. Stability and reactivity

10.1 Reactivity
No data available
10.2 Chemical stability
Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions
No data available
10.4 Conditions to avoid
No data available
10.5 Incompatible materials
Strong oxidizing agents
10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides Other decomposition products - No data available
In the event of fire: see section 5

11. Toxicological information

11.1 Information on toxicological effects
Acute toxicity LD50 Oral - Rabbit - 1,680 mg/kg(Benzyl benzoate)
LD50 Dermal - Rabbit - 4,000 mg/kg(Benzyl benzoate)
•Skin corrosion/irritation
No data available(Benzyl benzoate)
•Serious eye damage/eye irritation
No data available(Benzyl benzoate)
•Respiratory or skin sensitisation
No data available(Benzyl benzoate)
• Germ cell mutagenicity
No data available(Benzyl benzoate)
• Carcinogenicit
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
• Reproductive toxicity
No data available(Benzyl benzoate)
• Specific target organ toxicity - single exposure
No data available(Benzyl benzoate)
• Specific target organ toxicity - repeated exposure

No data available
• **Aspiration hazard**
No data available(Benzyl benzoate)
• **Additional Information**
RTECS: DG4200000
Cardiovascular effects.,
Muscle cramps/spasms., Ataxia.(Benzyl benzoate) To the best of our knowledge,
the chemical, physical, and toxicological properties have not been thoroughly investigated.
(Benzyl benzoate)

12. Ecological information

12.1 Toxicity
No data available
12.2 Persistence and degradability
No data available
12.3 Bioaccumulative potential
No data available
12.4 Mobility in soil
No data available(Benzyl benzoate)
12.5 Results of PBT and vPvB assessment
This substance/mixture contains no components considered to
be either persistent, bioaccumulative and toxic (PBT), or very
persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
12.6 Other adverse effects
Toxic to aquatic life with long lasting effects.

13. Disposal considerations

13.1 Waste treatment methods
•Product
Offer surplus and non-recyclable
solutions to a licensed disposal company.
•Contaminated packaging
Dispose of as unused product.

14. Transport information

14.1 UN number
ADR/RID: 3082 IMDG: 3082 IATA: 3082
14.2 UN proper shipping name
ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Benzyl benzoate) IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Benzyl benzoate) IATA: Environmentally hazardous substance, liquid, n.o.s.
(Benzyl benzoate)
14.3 Transport hazard class(es)
ADR/RID: 9 IMDG: 9 IATA: 9
14.4 Packaging group
ADR/RID: III IMDG: III IATA: III
14.5 Environmental hazards
ADR/RID: yes IMDG Marine pollutant: no IATA: yes
14.6 Special precautions for user
Further information
EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and
combination packagings containing inner packagings with Dangerous Goods > 5L for
liquids or > 5kg for solids.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
15.2 Chemical safety assessment
For this product a chemical safety assessment was not carried out

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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