SAFETY DATA SHEET


Creation date: 20/12/2013
Revision date: 15/06/2018

Information:
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. The product is solely research and development purpose and not fully tested.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY / UNDERTAKING

1.1. Product identifiers
Product name: RESORCINOL BIS CARBONATE
Product reference: SP-68-007
Index-No: No data available
REACH-No: A registration number is not available for this substance as the substance because it’s a substance from R&D for R&D use only.
CAS-No: 85023-49-0

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Laboratory chemicals
Product from R&D – For R&D use only
Product not tested

1.3. Details of the supplier of the safety data sheet
Company: SPECIFIC POLYMERS
150 avenue des Cocardières – ZAC Via Domitia
F-34160 CASTRIES- France
Telephone: +33 (0)4 99 74 91 35
Fax: +33 (0)4 99 74 91 52
E-mail address: cedric.loubat@specificpolymers.fr

1.4. Emergency telephone number
Emergency phone ORFILA (INRS): +33 (0)1 45 42 59 59
CHEMTREC: +33 (0)9 75 18 14 07
SAMU: 112
SECTION 2. HAZARD IDENTIFICATION

2.1. Classification of the substance:
Product from R&D – Product not tested
Causes skin irritation (cat. 2), H315
Causes serious eye irritation (cat. 2A), H319
May cause respiratory irritation (cat. 3), H335

2.2. Label elements
Labelling according Regulation (EC) No 1272/2008
Pictogram

Signal word | Warning
---|---
H315 | Causes skin irritation
H319 | Causes serious eye irritation
H335 | May causes respiratory irritation

Precautionary Statement(s)
P264 | Wash...thoroughly after handling.
P280 | Wear protective gloves/protecting clothing eye protection/face protection.
P362 | Take off contaminated clothing and wash before reuse.
P302 + P352 | IF IN SKIN: Wash with plenty of soap and water.
P332 + P313 | If skin irritation occurs: Get medical advice / attention.
P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rising.
P337 + P313 | If eye irritation persists: get medical advice / attention.
P285 | In case of inadequate ventilation wear respiratory protection.
P342 + P311 | If experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.

Supplemental Hazard Statements
none

2.3. Other Hazards
No data available
SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substance

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESORCINOL BIS CARBONATE</td>
<td>Skin irrit. 2; Eyes irrit. 2; STOT SE 3 H315 ; H319 ; H335</td>
<td>&lt;= 100%</td>
</tr>
</tbody>
</table>

3.2. Mixtures

No data available

SECTION 4. FIRST AID MEASURES

4.1. Description of the 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
Rinse thoroughly with plenty of water for a least 15 minutes and consult a physician.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

Eye contact
May causes serious eyes irritation. Risk of burns (if the product is hot).

Skin contact
Repeated contact may cause irritation. Risk of burns (if the product is hot).
Inhalation
Inhalation may cause irritation of respiratory system.

Ingestion
No data available.

4.3. Indication of any immediate medical attention and special treatment needed
No data available.

SECTION 5. FIREFIGHTING 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
   No data available.

5.3. Advice for firefighters
   Wear self-contained breathing apparatus for firefighting if necessary.

5.4. Further information
   No data available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
   Use personal protective equipment. Avoid dust formation. Avoid breathing vapor, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2. Environmental precautions
   The product should not be allowed to enter drains, water courses or the soil. Discharge into the environment must be avoided.

6.3. Methods and materials for containment and cleaning up
   Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4. Reference to the other sections
   For disposal see section 13.
SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.
Keep away from sources of ignition. No smoking. Take measures to prevent the build of electrostatic charge.
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.
Hygroscopic.

7.3. Specific(s) end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters
Components with workplace control parameters.
No data available.

8.2. Exposure controls
Appropriate engineering controls.
Provide adequate ventilation.
Handle in accordance with a good laboratory 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.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it."

Body protection
Wear a lab coat.
**Respiratory protection**
In case of insufficient ventilation, wear suitable respiratory equipment. Use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387).

**Hygiene Measures**
Do not drink, eat or smoke while using. Wash your hands before breaks and at the end of the working day.

**Protection measures**
The protective equipment must be selected in accordance with the CEN standards. The selection of the appropriate personal protective equipment shall be based on an evaluation of the performance characteristics of the protective equipment in relation to the task(s) to be performed, the ambient conditions, the duration of use and the risk and/or potential hazards may be encountered during use. Ensure eyewash stations and safety showers are close to work station location. 

**Control of environmental exposure**
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1. **Information on basic physical properties**

- a) **Appearance**
  - Form: Viscous liquid
  - Color: Clear
- b) **Odour**
  - No data available
- c) **Odour Threshold**
  - No data available
- d) **pH**
  - No data available
- e) **Melting point / freezing point**
  - No data available
- f) **Initial boiling point and boiling point range**
  - No data available
- g) **Flash point**
  - No data available
- h) **Evaporation rate**
  - No data available
- i) **Flammability (solid, gas)**
  - No data available
- j) **Upper/ lower flammability or explosive limits**
  - No data available
- k) **Vapor pressure**
  - No data available
- l) **Vapor density**
  - No data available
- m) **Relative density**
  - No data available
- n) **Water solubility**
  - No data available
- o) **Partition coefficient: n-octanol/ water**
  - No data available
- p) **Auto-ignition temperature**
  - No data available
- q) **Decomposition temperature**
  - No data available
- r) **Viscosity**
  - No data available
- s) **Explosive properties**
  - No data available
- t) **Oxidizing properties**
  - No data available

9.2. **Other safety information**

- **Dissociation constant**
  - No data available
SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity
No data available

10.2. Chemical stability
Stable under recommended storage conditions: Storage at room temperature

10.3. Possibility of hazardous reactions
No data available

10.4. Conditions to avoid
No data available

10.5. Incompatible materials
No data available

10.6. Hazardous decomposition products
No data available

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
No data available. This product is not tested, it’s from R&D to R&D use only.

Acute toxicity
No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
No data available

Reproductive toxicity
No data available
Specific target organ toxicity – single exposure
No data available

Specific target organ toxicity – repeated exposure
No data available

Aspiration hazard
No data available

Additional information
No data available

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity
Toxicity to fish No data available
Toxicity to daphnia and other aquatic invertebrates No data available
Toxicity to algae No data available

12.2. Persistence and degradability
Biodegradability No data available

12.3. Bioaccumulation potential
Bioaccumulation No data available

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment
No data available

12.6. Other adverse effects
No data available

SECTION 13. DISPOSAL CONSIDERATIONS

12.1. Waste treatment methods
Product
No data available

Contaminated packaging
No data available

SECTION 14. TRANSPORT INFORMATION

14.1. UN number
ADR/RID: No data available IMDG: No data available IATA: No data available

14.2. UN proper shipping name
ADR/RID: No data available IMDG: No data available IATA: No data available
14.3. Transport hazard class(es)
   ADR/RID: No data available  IMDG: No data available  IATA: No data available

14.4. Packaging group
   ADR/RID: No data available  IMDG: No data available  IATA: No data available

14.5. Environmental hazards
   ADR/RID: No data available  IMDG: No data available  IATA: No data available

14.6. Special precautions for user
   No data available

Further information
   No data available

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environment regulations/legislation specific for the substance or mixture
   This safety datasheet complies with the requirements of Regulation (EC) No 1907/2006.

   Authorizations and/or restrictions on use
   No data available

15.2. Chemical safety assessment
   No data available

SECTION 16. OTHER INFORMATION

Full text of H-statements referred to under sections 2 and 3.
   H315  Causes skin irritation
   H319  Causes serious eye irritation
   H335  May causes respiratory irritation

Further information
   The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Specific Polymers shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. The product is solely research and development purpose and not intended for food, drug or household purposes.

-------------------------------------------------------------End of safety datasheet-------------------------------------------------------------