1. Identification of the substance and of the company

Product name Poly(isobutylene)

Manufacturer / supplier identification

Company PSS Polymer Standards Service GmbH
In der Dalheimer Wiese 5
D - 55023 Mainz

Technical Phone +49 6131 - 96239 - 0
Fax +49 6131 - 96239 - 11
Email Info@polymer.de
Emergency Phone +49 6131 - 1924 - 0

2. Composition / information on ingredients

CAS-No.: 9003-27-4
EC No.: none
Molecular formula: C₄H₈

3. Hazards identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT
This substance is not classified as dangerous according to Directive 67/548/EEC

4. First aid measures

AFTER INHALATION
If breathed in, move person into fresh air. If not breathing give artificial respiration.

AFTER SKIN CONTACT
Wash off with soap and plenty of water.

AFTER EYE CONTACT
Flush eyes with water as a precaution.

AFTER INGESTION
If swallowed, never give anything by mouth to an unconscious person. Rinse mouth with water.

5. Fire fighting measures

CONDITIONS OF FLAMMABILITY
N/A

EXTINGUISHING MEDIA
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

SPECIAL RISKS
N/A

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS
Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

ENVIRONMENTAL PRECAUTIONS
Do not let product enter drains.

PROCEDURE(S) OF PERSONAL PRECAUTION(S)
Avoid breathing vapors, mist or gas.
METHODS FOR CLEANING UP
Keep in suitable, closed containers for disposal.

7. Handling and storage

HANDLING
Normal measures for preventive fire protection.

STORAGE
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.

8. Exposure controls / personal protection

ENGINEERING CONTROLS
Safety shower and eye bath. Mechanical exhaust required.

GENERAL HYGIENE MEASURES
General industrial hygiene practice.

PERSONAL PROTECTIVE EQUIPMENT
Respiratory Protection: Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

HAND PROTECTION
For prolonged or repeated contact use protective gloves.

EYE PROTECTION
Chemical safety goggles.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Physical State:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>liquid/solid, clear</td>
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<td>Colour</td>
<td>light yellow</td>
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<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>pH</td>
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<tr>
<td>Flammability</td>
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<td>Autoignition Temp.</td>
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<tr>
<td>Oxidizing Properties</td>
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<tr>
<td>Explosive Properties</td>
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<td>Explosion Limits</td>
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<tr>
<td>Vapor Pressure</td>
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<tr>
<td>Viscosity</td>
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<td>Vapor Density</td>
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<tr>
<td>Saturated Vapor Conc.</td>
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<tr>
<td>Evaporation Rate</td>
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<td>Bulk Density</td>
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<tr>
<td>Decomposition Temp.</td>
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</tbody>
</table>
10. Stability and reactivity

STABILITY
- Stable: Stable under recommended storage conditions.
- Materials to Avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS
- Hazardous decomposition products formed under fire conditions. - Carbon oxides.

HAZARDOUS POLYMERIZATION
- N/A

11. Toxicological information

ACUTE TOXICITY
- no data available

IRRITATION AND CORROSION
- no data available

SENSITISATION
- no data available

CHRONIC EXPOSURE
- 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.

POTENTIAL HEALTH EFFECTS
- Skin: May be harmful if absorbed through skin. May cause skin irritation.
- Eye: May cause eye irritation.
- Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
- Ingestion: May be harmful if swallowed.

12. Ecological information

ELIMINATION INFORMATION (persistence and degradability)
- no data available

ECOTOXICITY EFFECTS
- Toxicity to fish: LC50 - Oncorhynchus mykiss (rainbow trout) - > 5.600 mg/l - 96 h

FURTHER INFORMATION ON ECOLOGY
- no data available

13. Disposal considerations

PRODUCT
- Observe all federal, state, and local environmental regulations.

CONTAMINATED PACKAGING
- Dispose of as unused product.

14. Transport information

RID/ADR
- Not dangerous goods
<table>
<thead>
<tr>
<th>IMDG</th>
<th>Not dangerous goods</th>
</tr>
</thead>
<tbody>
<tr>
<td>IATA</td>
<td>Not dangerous goods</td>
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</tbody>
</table>

### 15. Regulatory information

**LABELLING ACCORDING TO EC DIRECTIVES**
- Caution - substance not yet tested completely.

### 16. Other information

**WARRANTY**
- The information in this document is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product. PSS GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.

**DISCLAIMER**
- For R&D use only. Not for drug, household or other uses.