MATERIAL SAFETY DATA SHEET
Benzyl acetate, 99+%  

Section 1 - Chemical Product and Company Identification  

MSDS Name: Benzyl acetate, 99+%  
Catalog Numbers: 10582-0000, 10582-0010, 10582-0050, 10582-2500  
Synonyms:  
Company Identification: Acros Organics BVBA  
Janssen Pharmaceuticalalaan 3a  
2440 Geel, Belgium  
Company Identification: (USA) Acros Organics  
One Reagent Lane  
Fair Lawn, NJ 07410  
For information in the US, call: 800-ACROS-01  
For information in Europe, call: +32 14 57 52 11  
Emergency Number, Europe: +32 14 57 52 99  
Emergency Number US: 201-796-7100  
CHEMTREC Phone Number, US: 800-424-9300  
CHEMTREC Phone Number, Europe: 703-527-3887  

Section 2 - Composition, Information on Ingredients  

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name:</th>
<th>%</th>
<th>EINECS#</th>
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<tbody>
<tr>
<td>140-11-4</td>
<td>Benzyl acetate</td>
<td>99+%</td>
<td>205-399-7</td>
</tr>
</tbody>
</table>

Hazard Symbols: XI  
Risk Phrases: 36/37/38  

Section 3 - Hazards Identification  

EMERGENCY OVERVIEW  
Irritating to eyes, respiratory system and skin.  

Potential Health Effects  
Eye: Causes eye irritation. Causes redness and pain.  
Skin: Causes skin irritation. May be harmful if absorbed through the skin. May cause reddening of the skin.  
Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.  
Inhalation: Causes respiratory tract irritation. May be harmful if inhaled.  
Chronic:  

Section 4 - First Aid Measures  


**Eyes:**
Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:**
Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:**
Get medical aid. Wash mouth out with water.

**Inhalation:**
Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**Notes to Physician:**
Treat symptomatically and supportively.

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**Section 5 - Fire Fighting Measures**

**General Information:**
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:**
Use water spray, dry chemical, carbon dioxide, or chemical foam.

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**Section 6 - Accidental Release Measures**

**General Information:**
Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**
Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

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**Section 7 - Handling and Storage**

**Handling:**
Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

**Storage:**
Store in a cool, dry place. Store in a tightly closed container.

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**Section 8 - Exposure Controls, Personal Protection**

**Engineering Controls:**
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

**Exposure Limits**

CAS# 140-11-4:

<table>
<thead>
<tr>
<th>Location</th>
<th>TWA</th>
<th>VLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belgium</td>
<td>10 ppm</td>
<td>62 mg/m3</td>
</tr>
<tr>
<td>Malaysia</td>
<td>10 ppm</td>
<td>61 mg/m3</td>
</tr>
<tr>
<td>Spain</td>
<td>10 ppm</td>
<td>62 mg/m3</td>
</tr>
</tbody>
</table>

**Personal Protective Equipment**

**Eyes:**
Wear chemical splash goggles.

**Skin:**
Wear appropriate protective gloves to prevent skin exposure.

**Clothing:**
Wear appropriate protective clothing to prevent skin exposure.

**Respirators:**
Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

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**Section 9 - Physical and Chemical Properties**

**Physical State:**
Clear liquid

**Color:**
colorless

**Odor:**
jasmine-like

**pH:**
Not available
**Section 10 - Stability and Reactivity**

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials.

**Incompatibilities with Other Materials**

- Strong oxidizing agents, reducing agents, acids, bases.

**Hazardous Decomposition Products**

- Carbon monoxide, carbon dioxide.

**Hazardous Polymerization**

- Will not occur.

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**Section 11 - Toxicological Information**

**RTECS#:** CAS # 140-11-4: AF5075000

**LD50/LC50:**

- RTECS:
  - **CAS # 140-11-4:** Draize test, rabbit, skin: 100 mg/24H Moderate; Oral, mouse: LD50 = 830 mg/kg; Oral, rabbit: LD50 = 2200 mg/kg; Oral, rat: LD50 = 2490 mg/kg; Skin, rabbit: LD50 = >5 gm/kg;

**Carcinogenicity:** Benzyl acetate - IARC: Group 3 (not classifiable)

**Other:** See actual entry in RTECS for complete information. The toxicological properties have not been fully investigated.

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**Section 12 - Ecological Information**

**Ecotoxicity:** Bacteria: Phytobacterium phosphoreum: EC50: 4.54 mg/l; 0.5h;

**Other:** Readily biodegradable.

- Log Pow: 2.0

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**Section 13 - Disposal Considerations**

Dispose of in a manner consistent with federal, state, and local regulations.

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**Section 14 - Transport Information**

<table>
<thead>
<tr>
<th>Shipping Name:</th>
<th>IATA</th>
<th>IMO</th>
<th>RID/ADR</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

**Section 15 - Regulatory Information**
European/International Regulations

European Labeling in Accordance with EC Directives
Hazard Symbols: XI
Risk Phrases:
R 36/37/38 Irritating to eyes, respiratory system and skin.
Safety Phrases:
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)
CAS# 140-11-4: Not available

Canada
CAS# 140-11-4 is listed on Canada's DSL List

US Federal

TSCA
CAS# 140-11-4 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date: 7/16/1996
Revision #1 Date 4/22/2002
Revisions were made in Sections: General revision.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantibility or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

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