MATERIAL SAFETY DATA SHEET
ACETIC ACID, SODIUM SALT TRIHYDRATE, REAGENT ACS

Section 1 - Chemical Product and Company Identification

MSDS Name: ACETIC ACID, SODIUM SALT TRIHYDRATE, REAGENT ACS
Catalog Numbers: 42426-0000, 42426-0010, 42426-0030, 42426-0250
Synonyms: Sodium salt
Company Identification: Acros Organics BVBA
Janssen Pharmaceuticaalanaan 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>
</tr>
</thead>
<tbody>
<tr>
<td>6131-90-4</td>
<td>ACETIC ACID, SODIUM SALT TRIHYDRATE</td>
<td></td>
<td>unlisted</td>
</tr>
</tbody>
</table>

Hazard Symbols: None listed
Risk Phrases: None listed

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Hygroscopic (absorbs moisture from the air).

Potential Health Effects

Eye: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: Ingestion of large amounts may cause gastrointestinal irritation.
Inhalation: No hazard expected in normal industrial use.
Chronic: No information found.

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:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid.

**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 if cough or other symptoms appear.

**Notes to Physician:**

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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:** For small fires, 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:** Vacuum or sweep up material and place into a suitable disposal container.

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**Section 7 - Handling and Storage**

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing.

**Storage:** Keep from contact with oxidizing materials.

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

**Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.

**Exposure Limits**

CAS# 6131-90-4:

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**Personal Protective Equipment**

**Eyes:** Wear safety glasses with side shields.

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

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

**Respirators:** A NIOSH/MSHA approved air purifying dust or mist respirator or European Standard EN 149.

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**Section 9 - Physical and Chemical Properties**

**Physical State:** Crystals

**Color:** white - transparent

**Odor:** odorless

**pH:** 7.5-9.2 (5% aq.sol.)

**Vapor Pressure:** Not available

**Viscosity:** Not available

**Boiling Point:** Not available

**Freezing/Melting Point:** 0 deg C (32.00°F)

**Autoignition Temperature:** Not available

**Flash Point:** Not available

**Explosion Limits: Lower:** Not available

**Explosion Limits: Upper:** Not available

**Decomposition Temperature:** Not available
**Solubility in water:** insoluble

**Specific Gravity/Density:**

**Molecular Formula:** C2H3NaO2.3H2O

**Molecular Weight:** 136.08

### Section 10 - Stability and Reactivity

**Chemical Stability:**

Stable.

**Conditions to Avoid:**

Incompatible materials.

**Incompatibilities with Other Materials**

Strong oxidizing agents, fluorine.

**Hazardous Decomposition Products**

Carbon monoxide, carbon dioxide.

**Hazardous Polymerization**

Has not been reported.

### Section 11 - Toxicological Information

**RTECS#:** CAS# 6131-90-4: AJ4580000

**LD50/LC50:** RTECS: Not available.

**Carcinogenicity:** ACETIC ACID, SODIUM SALT TRIHYDRATE - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

**Other:** See actual entry in RTECS for complete information.

### Section 12 - Ecological Information

Ecotoxicity:

Not available

### Section 13 - Disposal Considerations

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

### Section 14 - Transport Information

<table>
<thead>
<tr>
<th>IATA</th>
<th>IMO</th>
<th>RID/ADR</th>
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<tbody>
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### Section 15 - Regulatory Information

**European/International Regulations**

European Labeling in Accordance with EC Directives

- Hazard Symbols: Not available
- Risk Phrases:
- Safety Phrases:
  - S 24/25 Avoid contact with skin and eyes.

**WGK (Water Danger/Protection)**

CAS# 6131-90-4: 1

**Canada**

**US Federal**

TSCA

CAS# 6131-90-4 is not on the TSCA Inventory because it is a hydrate. It is considered to be listed if the CAS number for the anhydrous form in on the Inventory (40CFR720.3(u)(2)).
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.