MSDS for TETRAKIS(DIMETHYLAMINO)ETHYLENE, 98%

**** MATERIAL SAFETY DATA SHEET ****

TETRAKIS(DIMETHYLAMINO)ETHYLENE, 98%

Section 1 - Chemical Product and Company Identification

MSDS Name: TETRAKIS(DIMETHYLAMINO)ETHYLENE, 98%
Catalog Numbers: 21530-0000, 21530-0250, 21530-1000
Synonyms:

Company Identification (Europe)
- Acros Organics BVBA
- Janssen Pharmaceuticala 3a
- 2440 Geel, Belgium

Company Identification (USA)
- Acros Organics
- One Reagent Lane
- Fairlawn, NJ 07410

For information in North America, call
- 800-ACROS-01

For information in Europe, call
- 0032(0) 14575211

For emergencies in the US, call CHEMTREC
- 800-424-9300

For emergencies in Europe, call
- 0032(0) 14575299

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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</thead>
<tbody>
<tr>
<td>996-70-3</td>
<td>TETRAKIS(DIMETHYLAMINO)ETHYLENE, 98%</td>
<td>98%</td>
<td>213-638-1</td>
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</tbody>
</table>

Hazard Symbols: None Listed.
Risk Phrases: 10

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Flammable.
Air sensitive.

POTENTIAL HEALTH EFFECTS

The toxicological properties of this material have not been
investigated. Use appropriate procedures to prevent opportunities

for direct contact with the skin or eyes and to prevent inhalation.

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 immediately.

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

Ingestion
If victim is conscious and alert, give 2-4 cupfuls of milk or water.
Get medical aid immediately. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

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

Notes to Physician

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. Flammable liquid and vapor.

http://search.be.acros.com/ohysical?tg=29&search=(field29,9=1007175+or+field29,4=99670+... 7/15/02
Section 6 - Accidental Release Measures

Use proper personal protective equipment as indicated in Section 8.

Section 7 - Handling and Storage

Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Avoid contact with heat, sparks and flame.

Section 8 - Exposure Controls, Personal Protection

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

- Wear chemical goggles. Wear safety glasses and chemical goggles if splashing is possible.
- Wear appropriate protective gloves and clothing to prevent skin exposure. Wear appropriate protective gloves to prevent skin exposure.
- Wear appropriate protective clothing to minimize contact with skin.
- A respirator protection program that meets OSHA’s 29 CFR §1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator’s use. Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

Section 9 - Physical and Chemical Properties

- Clear liquid
- Yellow
- None reported.
- Not available.
- Not available.
- 59 deg C @ .90mmHg
- 0 deg C
- Not available.
- 53 deg C (127.40 deg F)
- Not available.
- Not available.
- .8610g/cm3
- C10H24N4
- 200.33

Section 10 - Stability and Reactivity

Stable under normal temperatures and pressures.

Incompatible materials, exposure to air, strong oxidants.

Strong oxidizing agents, acids, acid chlorides, carbon dioxide, oxygen, acid anhydrides.

Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, nitrogen.

Has not been reported.

Section 11 - Toxicological Information

CAS# 996-70-3 unlisted.
LD50/LC50 Not available.
Carcinogenicity TETRABIS(DIMETHYLAMINO)ETHYLENE, 98% - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. See actual entry in RTECS for complete information.

Section 12 - Ecological Information

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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Shipping Name: FLAMMABLE LIQUID, N.O.S.* FLAMMABLE LIQUID, N.O.S. FLAMMABLE LIQUID, N.O.S.

Hazard Class: 3
UN Number: 1993
Packing Group: III

Section 15 - Regulatory Information

European/International Regulations
- European Labeling in Accordance with EC Directives
  - Hazard Symbols: Not available.
  - Risk Phrases: R 10 Flammable.
  - Safety Phrases: S 16 Keep away from sources of ignition - No smoking.
- WGK (Water Danger/Protection): CAS# 996-70-3: No information available.
- United Kingdom Occupational Exposure Limits
- Canada
  - CAS# 996-70-3 is listed on Canada's NDSL List.
  - CAS# 996-70-3 is not listed on Canada's Ingredient Disclosure List.
- US FEDERAL
  - TSCA
    - CAS# 996-70-3 is listed on the TSCA inventory.

Section 16 - Additional Information

MSDS Creation Date 7/16/1996
Revision #0 Date Original.

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