

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 Pharmaceuticaaan 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

CAS#	Chemical Name	%	EINECS#
996-70-3	TETRAKIS(DIMETHYLAMINO)ETHYLENE, 98%	98%	213-638-1

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. Immediately 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.

Extinguishing Media In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use agent most appropriate to extinguish fire.

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. Clean up spills immediately, observing precautions in the Protective Equipment section.

Section 7 - Handling and Storage

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

Storage Keep away from heat, sparks, and flame.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls 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

Eyes Wear chemical goggles. Wear safety glasses and chemical goggles if splashing is possible.

Skin Wear appropriate protective gloves and clothing to prevent skin exposure. Wear appropriate protective gloves to prevent skin exposure.

Clothing Wear appropriate protective clothing to minimize contact with skin.

Respirators A respiratory 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

Physical State	Clear liquid
Appearance	yellow
Odor	None reported.
pH	Not available.
Vapor Pressure	Not available.
Viscosity	Not available.
Boiling Point	59 deg C @ .90mmHg
Freezing/Melting Point	0 deg C
Autoignition Temperature	Not available.
Flash Point	53 deg C (127.40 deg F)
Explosion Limits, lower	Not available.
Explosion Limits, upper	Not available.
Decomposition Temperature	
Solubility in water	
Specific Gravity/Density	.8610g/cm3
Molecular Formula	C10H24N4
Molecular Weight	200.33

Section 10 - Stability and Reactivity

Chemical Stability Stable under normal temperatures and pressures.

Conditions to Avoid Incompatible materials, exposure to air, strong oxidants.

Incompatibilities with Other Materials Strong oxidizing agents, acids, acid chlorides, carbon dioxide, oxygen, acid anhydrides.

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

Hazardous Polymerization Has not been reported.

Section 11 - Toxicological Information

RTECS# CAS# 996-70-3 unlisted.

LD50/LC50 Not available.

Carcinogenicity TETRAKIS(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

	IATA	IMO	RID/ADR
Shipping Name:	FLAMMABLE LIQUID, N.O.S.*	FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.
Hazard Class:	3	3	3
UN Number:	1993	1993	1993
Packing Group:	III	III	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.

Exposure Limits

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.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability 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 way 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. -----