

Language: EN
Country:

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

SPERMINE, 97%

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: SPERMINE, 97%

Catalog Numbers:

13275-0000, 13275-0010, 13275-2500

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#	Haz Symbols	Risk Phrases
71-44-3	SPERMINE	97%	200-754-2		

Hazard Symbols: XN

Risk Phrases: 20/21/22

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Harmful by inhalation, in contact with skin and if swallowed.

Potential Health Effects

Eye:

Contact with eyes may cause severe irritation, and possible eye burns.

Skin:

May cause severe irritation and possible burns.

Ingestion:

Not available.

Inhalation:

May cause severe irritation of the respiratory tract with sore throat, coughing, shortness of breath and delayed lung edema. Causes chemical burns to the respiratory tract.

Chronic:

Not available.

**** 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 water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.

Ingestion:

Do not induce vomiting.

Inhalation:

Not available.

Notes to Physician:

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information:

Not available.

Extinguishing Media:

Not available.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

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

Spills/Leaks:

Not available.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:

Not available.

Storage:

Keep refrigerated. (Store below 4°C/39°F.)

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:

Personal Protective Equipment

Eyes: Not available.
Skin: Not available.
Clothing: Not available.
Respirators: Not available.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State: Solid
Color: white to pale yellow
Odor: Not available.
pH: Not available.
Vapor Pressure: Not available.
Viscosity: Not available.
Boiling Point: 150.0 - 150.0 deg C @ 5.00mm
Freezing/Melting Point: 26.00 - 30.00 deg C
Autoignition Temperature: Not available.
Flash Point: Not available.
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature:
Solubility in water:
Specific Gravity/Density:
Molecular Formula: C10H26N4
Molecular Weight: 202.34

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Not available.
Conditions to Avoid: Not available.
Incompatibilities with Other Materials: Not available.
Hazardous Decomposition Products: Not available.
Hazardous Polymerization: Not available.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#:
CAS# 71-44-3: EJ7175000
LD50/LC50: Not available.
Carcinogenicity:
SPERMINE -
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
Shipping Name: CORROSIVE LIQUID, N.O.S.*
Hazard Class: 8
UN Number: 1760
Packing Group: II
IMO
Shipping Name: CORROSIVE LIQUID, N.O.S.
Hazard Class: 8
UN Number: 1760
Packing Group: II
RID/ADR
Shipping Name: CORROSIVE LIQUID, N.O.S.
Hazard Class: 8
UN Number: 1760
Packing group: II

**** SECTION 15 - REGULATORY INFORMATION ****

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

Safety Phrases:

S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 71-44-3: No information available.

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# 71-44-3 is listed on Canada's NDSL List.

CAS# 71-44-3 is not listed on Canada's Ingredient Disclosure List.

CAS# 71-44-3 IS NOT LISTED ON CANADA'S INGREDIENTS DISCLOSURE LIST.

Exposure Limits
US FEDERAL
TSCA

CAS# 71-44-3 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.
