

Material Safety Data Sheet

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BOTH NUMBERS ARE AVAILABLE DAYS, NIGHTS, WEEKENDS, & HOLIDAYS.

SECTION 1 - PRODUCT INFORMATION

POLYETHERAMINE T 403

Product ID: NCI F13467

Common Chemical Name:

POLYETHERAMINE T 403

Synonyms:

NA

Molecular Formula:

N/A

Chemical Family: Not Applicable

Molecular Wt.: NOT APPLICABLE

SECTION 2 - INGREDIENTS

Chemical Name:	CAS	Amount
POLY(OXY(METHYL-1,2-ETHAN	39423-51-3	100.0 %
PEL/TLV NOT ESTABLISHED		

SECTION 3 - PHYSICAL PROPERTIES

Color:	Yellow				
Form/Appearance:	Liquid				
Odor:	Amine				
	Typical	Low/High	U.O.M.		
Specific Gravity:	NOT AVAILABLE				
pH:	12		100G/L H2O		
	Typical	Low/High	Deg.	@	Pressure
Boiling Pt:	> 250		C	1	ATMOSPHERES
Freezing Pt:	< -20		C	1	ATMOSPHERES
Decomp. Tmp:	NOT AVAILABLE				
Solubility in Water Description:	Miscible				

SECTION 4 - FIRE AND EXPLOSION DATA

	Typical	Low/High	Deg.	Method
Flash Point:	> 200			F PENSKY-MARTENS CLOSED C
Autoignition:	NOT AVAILABLE			
Extinguishing Media:				

SECTION 4 - FIRE AND EXPLOSION DATA (cont)

Use water foam, CO2 or dry chemical extinguishing media.

Fire Fighting Procedures:

Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

Unusual Hazards:

None known.

SECTION 5 - HEALTH EFFECTS

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Toxicology Test Data:

Rat, Oral LD50 - 220 MG/KG

Highly Toxic

Rabbit, Dermal LD50 - 614 MG/KG

Moderately Toxic

Rabbit, Primary Skin Irritation -

Corrosive

Rabbit, Eye Irritation -

Corrosive

Acute Overexposure Effects:

This liquid is corrosive to the eyes and skin if contact occurs.

Severe irritation and chemical burns may result. Eye damage could be permanent.

Inhalation of the vapors or mists may result in respiratory irritation. Ingestion may result in gastric disturbances.

Chronic Overexposure Effects:

There are no other known chronic effects associated with this material.

First Aid Procedures - Skin:

Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

First Aid Procedures - Eyes:

Flush with copious amounts of water for at least 15 minutes. Hold eyelids open to facilitate rinsing. Seek medical assistance immediately.

First Aid Procedures - Ingestion:

If swallowed, dilute with water. DO NOT INDUCE VOMITING. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

First Aid Procedures - Inhalation:

Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

First Aid Procedures - Notes to Physicians:

Not applicable.

First Aid Procedures - Aggravated Medical Conditions:

No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product.

Please refer to the effects of overexposure section for effects

SECTION 5 - HEALTH EFFECTS (cont)

observed in animals.

First Aid Procedures - Special Precautions:

Not applicable.

SECTION 6 - REACTIVITY DATA

Stability Data:

No data available.

Incompatibility:

Exothermic reaction with acids.

Conditions/Hazards to Avoid:

Acids.

Hazardous Decomposition/Polymerization:

Hazardous Decomposition Products: No Data Available.

Corrosive Properties:

Corrosive.

Oxidizer Properties:

No data available.

SECTION 7 - PERSONAL PROTECTION

Clothing:

Gloves, coveralls, apron, and boots as necessary to prevent contact.

Eyes:

Wear fitted chemical goggles or face shield and safety glasses.

Respiration:

Use only with adequate ventilation.

Ventilation:

Provide adequate room ventilation to maintain vapor concentrations below an acceptable exposure level. Provide local exhaust ventilation at points of vapor emission.

Explosion Proofing:

None required.

Other Personal Protection Data:

Eyewash fountains must be easily accessible.

SECTION 8 - SPILL-LEAK/ENVIRONMENTAL

General:

Eliminate all sources of ignition.

Waste Disposal:

Dispose of in accordance with Federal, state, and local regulations concerning health and pollution. Incineration is the recommended method of disposal.

Container Disposal:

Unused material and empty containers must be disposed of in accordance with local, state and federal regulations.

Other Spill/Leak Procedures:

This product is an alkaline. Before discharging sewage into treatment plants neutralization is generally required.

Because it is practically insoluble in water, it can be mechanically removed.

Environmental Toxicity Test Data:

Elimination (OECD 301A) - 0 - 10 PERCENT

SECTION 8 - SPILL-LEAK/ENVIRONMENTAL (cont)

Not readily biodegradable
Golden Orfe, static 96 hr LC50 - > 100 MG/L
Practically Nontoxic

SECTION 9 - STORAGE AND HANDLING

General:

Keep away from ignition sources. Containers should be opened carefully in well-ventilated areas to avoid static discharge. Keep containers closed.

SECTION 10 - REGULATORY INFORMATION

RCRA Haz. Waste No .: D002

CERCLA: NO Reportable Qty.: (If YES)

State Regulatory Information: (By Component)

NJ/PA/MA RTK

CAS: 39423-51-3

NO

NAME: POLY(OXY(METHYL-1,2-ETHAN

Hazard Ratings:

	Health:	Fire:	Reactivity:	Special:
HMIS	3	1	1	NA
NFPA	3	1	1	NA

This product is hazardous or contains components which are hazardous according to the OSHA Hazard Communication Standard.

SECTION 11 - TRANSPORTATION INFORMATION

DOT Proper Shipping Name:

SEE BELOW

DOT Technical Name:

SEE BELOW

DOT Primary Hazard Class:

SEE BELOW

DOT Secondary Hazard Class:

SEE BELOW

DOT Label Required:

SEE BELOW

DOT Placard Required:

SEE BELOW

DOT Poison Constituent:

SEE BELOW

BASF Commodity Codes:

UN/NA Code:

E/R Guide:

Bill of Lading Description:

CORROSIVE LIQUID, TOXIC, NOS, (POLYETHERAMINE), 8 (6.1) UN2922, PGII
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CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE
ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS
MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE
TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR

SECTION 11 - TRANSPORTATION INFORMATION (cont)

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