

**TABEX<sup>®</sup>****Material Safety Data Sheet****Section I - Identification****ALGYSOLVE 4000****MANUFACTURER / SUPPLIER:**

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**Chemical Name:** Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride].**Product Use:** Swimming pool algaecide.

<b><u>Hazard Rating</u></b>	<b><u>Designation</u></b>	
4 Extreme	Health	1
3 High	Fire	0
2 Moderate	Reactivity	1
1 Slight	Personal Protection	C
0 None		

**Section II - Hazardous Ingredients**

<b><u>Material</u></b>	<b><u>% By Weight</u></b>	<b><u>CAS Nr</u></b>	<b><u>Exposure Limits</u></b>	<b><u>LD<sub>50</sub> (Oral-Rat)</u></b>
Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride].	30%-50%	31075-24-8	N/A	3.7 g/Kg

**Section III - Physical Data**

Appearance	Clear pale-yellow liquid
Boiling Point	> 100 <sup>0</sup> C
Freezing Point	< 0 <sup>0</sup> C
Odor	Mild odor
pH (10%)	6.0 – 7.0
Specific Gravity ( Water = 1)	1.15
Vapor Density ( Air = 1)	1.13 – 1.16
Vapor Pressure (mm Hg)	N/A
Evaporation Rate	N/A
Water Solubility	Completely miscible
% Volatile	30% - 50%
Coefficient water/oil distribution	N/A
Odor Threshold	N/A

**Section IV - Fire And Explosion Data**

Flash Point (°C , Test Method):	> 100 <sup>0</sup> C
Auto-Ignition Temperature:	None
Flammable Limits In Air: ( g/l ):	LFL : None UFL : None
Extinguishing Media:	Dry Chemical (Sodium Bicarbonate), Foam, CO <sub>2</sub> , Water
Special Fire Fighting Procedure:	Fight fires from a safe distance. Use water spray to cool containers exposed to fire.
Personal Protective Equipment:	Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.
Conditions of flammability:	The product may be combustible at high temperature.
Hazardous combustion products:	N/A
Explosion Data:	N/A
Sensitivity Impact:	N/A
Sensitivity to static discharge:	N/A
Mechanical Impact:	N/A

**Section V - Health Hazard Information Of Product****Routes of Exposure and Acute Effects.**

<b>Inhalation:</b>	May cause irritations.
<b>Skin Contact:</b>	May cause irritations.
<b>Skin Absorption:</b>	May cause irritations.
<b>Eye Contact:</b>	May cause sting or burning.
<b>Ingestion:</b>	Poison. See a physician immediately.

**Chronic Exposure.**

<b>Irritancy of product:</b>	Irritating
<b>Sensitizing Capacity:</b>	N/A
<b>Mutagenic effect:</b>	N/A
<b>Teratogenic effect:</b>	N/A
<b>Carcinogenic effect:</b>	N/A
<b>Reproductive toxicity:</b>	N/A
<b>Synergistic products:</b>	N/A

**Emergency and First Aid Procedure.**

<b>Eyes:</b>	In case of contact, immediately flush eyes of plenty of water for at least 15 minutes. Call a physician immediately.
<b>Skin:</b>	In case of contact, remove contaminated clothing and flush skin thoroughly with soap and water. Wash clothing before reusing.
<b>Inhalation:</b>	If inhaled, remove victim to an area of fresh air. If irritation persists, call a physician.
<b>Ingestion:</b>	If swallowed, call a physician immediately.

**Section VI - Reactivity Data**

<b>Conditions Contributing to Instability:</b>	This product is stable under normal conditions.
<b>Incompatibility:</b>	Especially avoid contact with strong oxidizers.
<b>Decomposition Products:</b>	Carbon Oxides ( CO <sub>2</sub> , CO ).
<b>Reactivity:</b>	In contact with strong oxidizers.

**Section VII - Spill Or Leak Procedures****Steps To Be Taken If Material Is Released Or Spilled**

Cleanup personnel must wear proper protective equipment.  
That is rubber gloves, face shield, safety goggles, safety shoes and protective clothing.  
Keep containers cool by spraying with water if exposed to fire.  
Keep out of sewers and water supplies.  
Small leaks: Absorb with an inert absorbent. Sweep up and place in an appropriate closed container.  
Large leaks: Evacuate area. Reclaim material into closed containers for possible normal use or disposal.  
Clean up residual material by washing area with water

**Waste Disposal Method.**

Dispose according to Local, Provincial and Federal by-laws.

**Section VIII - Special Protection Information.****Ventilation requirements**

Local ventilation.

**Specific Personal Protective Information.**

**Skin Protection:** Chemical resistant rubber gloves  
**Eye Protection:** Chemical splash goggles  
**Respiratory protection:** Use an approved self-contained breathing apparatus (MSHA/NIOSH or equivalent).  
**Other:** Eye wash station and safety shower in area.  
 Do not wear contact lens when working with this compound.

**Section IX - Special Precaution.**

**Precaution To Be Taken In Handling.**

Avoid inhalation of vapors.  
 Avoid eye or skin contact. Do not take internally. Wash clothing before reuse.  
 Practice good personal hygiene.

**Proper Storage, Handling and Disposal Requirements..**

Store in tightly closed containers in a cool, dry, well ventilated area..  
 Keep away from incompatible materials (oxidizing agents).  
**NO SMOKING** in areas of storage, handling or use.

**Section X - Transport And Regulatory Information.**

<b>TDG DESIGNATION:</b>	<b>Not regulated product.</b>
<b>UN NUMBER:</b>	<b>Not regulated product.</b>
<b>TDG CLASSIFICATION:</b>	<b>Not regulated product.</b>
<b>WHMIS CLASSIFICATION:</b>	<b>Not regulated product.</b>

**Material Safety Data Sheet:**

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