

POLYONE CORPORATION**MATERIAL SAFETY DATA SHEET****WB-10427-A CLEAR SATURANT**Version Number 1.0
Revision Date 02/12/2004Page 1 of 7
Print Date 11/13/2011**1. PRODUCT AND COMPANY IDENTIFICATION****POLYONE CORPORATION**
2700 Papin Street, St. Louis, MO 63103

NON-EMERGENCY TELEPHONE : Product Stewardship (314) 771-1800

Emergency telephone number : **CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).**

Product name : WB-10427-A CLEAR SATURANT

Product code : FO00007944

Chemical Name : Mixture

CAS-No. : Mixture

Product Use : Industrial Applications

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight %
Ethylene glycol	107-21-1	1 - 5

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

This product is a water based mixture with an ammonia odor. The mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. The product is not combustible, but it will burn if involved in a fire, releasing hydrocarbon products of combustion. Inhalation of the ammonia from this product may cause respiratory irritation, coughing, sore throat, and labored breathing.

POTENTIAL HEALTH EFFECTS

Routes of Exposure: : Skin contact, Inhalation, Ingestion

Acute exposure

Inhalation : Symptoms of breathing ammonia vapor concentrated from this product may include laryngitis, tracheitis, pulmonary edema, dyspnea, bronchospasms, and chest pains or pneumonitis. Symptoms are typically reversible.

Ingestion : May be harmful if swallowed.

Eyes : Liquid, aerosol, or vapors of this product are irritating and may cause tearing, reddening, and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Skin : Skin contact may cause redness, irritation, and burns.



POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

WB-10427-A CLEAR SATURANT

Version Number 1.0
Revision Date 02/12/2004

Page 2 of 7
Print Date 11/13/2011

Chronic exposure : Refer to Section 11 for Toxicological Information.
Medical Conditions Aggravated by Exposure: : None known.

4. FIRST AID MEASURES

Inhalation : Move to fresh air in case of accidental inhalation of vapors or fumes from overheating or combustion. When symptoms persist or in all cases of doubt seek medical advice.
Ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Seek medical attention if necessary.
Eyes : Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.
Skin : Wash off with soap and plenty of water. If skin irritation persists seek medical attention.

5. FIRE-FIGHTING MEASURES

Flash point : No data available
Flammable Limits
Upper explosion limit : No data available
Lower explosion limit : No data available
Autoignition temperature : No data available
Suitable extinguishing media : carbon dioxide (CO₂), water, foam, dry chemical/none.
Special Fire Fighting Procedures : Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.
Unusual Fire/Explosion Hazards : Burning dry latex produces dense black smoke with the possibility of toxic vapors. Residual latex material contained in empty drums may decompose when burned producing toxic or irritating fumes. Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Ensure response personnel are properly protected (see section 8 for respiratory or other protection guidelines.) Use caution as floors may be slippery.
Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

WB-10427-A CLEAR SATURANT

Version Number 1.0
Revision Date 02/12/2004

Page 3 of 7
Print Date 11/13/2011

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling : Use only in area provided with appropriate exhaust ventilation. Prolonged heating may result in product degradation. Material may settle during storage. Careful mixing without introduction of air may be necessary before use.

Storage : Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry, cool place. Keep from freezing and temperature extremes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection : A respirator is normally not required for routine handling of product in areas of good general ventilation and adequate local exhaust at processing equipment during routine operation. If using a cartridge respirator, an ammonia cartridge is required to filter out potential excess ammonia vapors.

Eye/Face Protection : Safety glasses with side-shields. Wear goggles or face shield during operations that present a splash potential.

Hand protection : Impervious gloves such as rubber or PVC

Skin and body protection : Long sleeved shirts and long pants are adequate for normal handling. Where operations present a splash or spill potential, employees should wear chemically resistant clothing, boots, apron, gloves, and eye/face protection.

Additional Protective Measures : Safety shoes.

General Hygiene Considerations : Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practices.

Engineering measures : Adequate ventilation and/or appropriate respiratory protection may also be necessary to minimize employee exposure to processing vapors.

Exposure limit(s)

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

WB-10427-A CLEAR SATURANT

Version Number 1.0

Page 4 of 7

Revision Date 02/12/2004

Print Date 11/13/2011

Components	Value	Exposure time	Exposure type	List:
Ethylene glycol	100 mg/m3	Ceiling Limit Value:	Aerosol.	ACGIH

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid	Evaporation rate	: Slower than Butyl Acetate
Appearance	: liquid	Specific Gravity:	: Not determined
Color	: NO PIGMENT	Bulk density	: Not applicable
Odor	: Slight ammonia	Vapor pressure	: Not established
Melting point/range	: Not applicable	Vapour density	: Heavier than air.
Boiling Point:	: Not established	pH	: Not determined
Water solubility	: Completely miscible		

10. STABILITY AND REACTIVITY

Stability	: Stable.
Hazardous Polymerization	: Will not occur.
Conditions to avoid	: Extremes of temperature and direct sunlight. Keep from freezing.
Incompatible Materials	: Acids, metal salts, and solvents
Hazardous decomposition products	: Carbon dioxide (CO ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), other hazardous materials, and smoke are all possible.

11. TOXICOLOGICAL INFORMATION

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Toxicity Overview

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
107-21-1	Ethylene glycol	Systemic effects	Eyes, Skin, Respiratory system, central nervous system.

LC50 / LD50

This product contains the following components which, in their pure form, have the following toxicity data:

CAS-No.	Chemical Name	Route	Value	Species
107-21-1	Ethylene glycol	Oral LD50	4,700 mg/kg	rat
		Dermal LD50	9530 ul/kg	rabbit

Additional Health Hazard Information:

Ethylene glycol 107-21-1 The metabolites may cause reproductive as well as developmental toxicity or birth defects.

POLYONE CORPORATION**MATERIAL SAFETY DATA SHEET****WB-10427-A CLEAR SATURANT**Version Number 1.0
Revision Date 02/12/2004Page 5 of 7
Print Date 11/13/2011**12. ECOLOGICAL INFORMATION**

Persistence and degradability : No data available
Environmental Toxicity : No data available
Bioaccumulation Potential : No data available
Additional advice : No data available

13. DISPOSAL CONSIDERATIONS

Product : Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.
Contaminated packaging : Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

14. TRANSPORT INFORMATION

U.S. DOT Classification : Refer to specific regulation.
ICAO/IATA (air) : Refer to specific regulation.
IMO / IMDG (maritime) : Refer to specific regulation.

15. REGULATORY INFORMATION

US Regulations:

OSHA Status : Classified as hazardous based on components.
TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory.

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Chemical Name	CAS-No.	% in Product	RQ for component	RQ for Mixture/Product
Ammonium hydroxide ((NH ₄)(OH))	1336-21-6	0.7676	1,000 lbs	130,276 LB

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

WB-10427-A CLEAR SATURANT

Version Number 1.0
Revision Date 02/12/2004

Page 6 of 7
Print Date 11/13/2011

California Proposition : This product does not contain a substance listed by California Prop 65.
65

SARA Title III Section 302 Extremely Hazardous Substance

Not applicable

SARA Title III Section 313 Toxic Chemicals:

Chemical Name	CAS-No.	Weight %
ETHYLENE GLYCOL	107-21-1	3.35

Canadian Regulations:

National Pollutant Release Inventory (NPRI)

Chemical Name	CAS-No.	Weight %	NPRI ID#
Ethylene glycol	107-21-1	3.35	114

WHMIS Classification : D2A

WHMIS Ingredient Disclosure List

CAS-No.
107-21-1

DSL : All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.

National Inventories:

Australia AICS : Not determined

China IECS : Listed

Europe EINECS : Not determined

Japan ENCS : Not determined

Korea KECI : Not determined

Philippines PICCS : Not determined

16. OTHER INFORMATION



POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

WB-10427-A CLEAR SATURANT

Version Number 1.0
Revision Date 02/12/2004

Page 7 of 7
Print Date 11/13/2011

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material when used in combination with any other materials and/or in any particular process or processing conditions.