

WB-10470-B CLEAR SATURANT

Version Number 1.0
Revision Date 06/26/2002

Page 1 of 6
Print Date 11/5/2011

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-10470-B CLEAR SATURANT
Product code : FO20000721
Chemical Name : Mixture
CAS-No. : Mixture
Product Use : Industrial Applications

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

| Components | CAS-No. | Weight % |
|-------------------|----------|----------|
| Calcium carbonate | 471-34-1 | 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 : No known effects.

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.

WB-10470-B CLEAR SATURANT

Version Number 1.0

Page 2 of 6

Revision Date 06/26/2002

Print Date 11/5/2011

Chronic exposure : Refer to Section 11 for Toxicological Information.

Medical Conditions : None known.

Aggravated by Exposure:

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** : Obtain medical attention. Never give anything by mouth to an unconscious person.
- 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** : Greater than 400 °F
- 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.
- 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. Empty drums containing residual latex material may decompose when burned producing toxic or irritating fumes.

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.
- 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.

WB-10470-B CLEAR SATURANT

Version Number 1.0

Revision Date 06/26/2002

Page 3 of 6

Print Date 11/5/2011

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, 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)

MATERIAL SAFETY DATA SHEET

WB-10470-B CLEAR SATURANT

Version Number 1.0

Page 4 of 6

Revision Date 06/26/2002

Print Date 11/5/2011

| Components | Value | Exposure time | Exposure type | List: |
|-------------------|----------|------------------------------|----------------------|---------|
| Calcium carbonate | 10 mg/m3 | Time Weighted Average (TWA): | Total dust. | ACGIH |
| Calcium carbonate | 5 mg/m3 | PEL: | Respirable fraction. | OSHA Z1 |
| | 15 mg/m3 | PEL: | Total dust. | OSHA Z1 |

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 | Vapor density | : Heavier than air. |
| Boiling Point: | : Not applicable | 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 |
|----------|-------------------|----------|--------------|
| 471-34-1 | Calcium carbonate | Irritant | Eyes, Skin. |

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 |
|----------|-------------------|-----------|-------------|---------|
| 471-34-1 | Calcium carbonate | Oral LD50 | 6,450 mg/kg | rat |

12. ECOLOGICAL INFORMATION

Persistence and degradability : No data available.

MATERIAL SAFETY DATA SHEET

WB-10470-B CLEAR SATURANT

Version Number 1.0
Revision Date 06/26/2002

Page 5 of 6
Print Date 11/5/2011

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 / CA TDG Classification : Not regulated for transportation.

ICAO/IATA : Not regulated for transportation.

IMO / IMDG : Not regulated for transportation.

15. REGULATORY INFORMATION

US Regulations:

OSHA Status : Classified as hazardous based on components.

TSCA Status : All components of this product are listed on the TSCA inventory or are exempt.

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 | 0.75 | 1,000 lbs | 132,608 LB |

California Proposition : WARNING! This product contains a chemical known in the State of

MATERIAL SAFETY DATA SHEET

WB-10470-B CLEAR SATURANT

Version Number 1.0

Revision Date 06/26/2002

Page 6 of 6

Print Date 11/5/2011

65

California to cause cancer.

SARA Title III Section 313 Toxic Chemicals:

| Chemical Name | CAS-No. | Weight % |
|-----------------------|----------|----------|
| CERTAIN GLYCOL ETHERS | 112-34-5 | 3.25 |
| CERTAIN GLYCOL ETHERS | 111-76-2 | 0.01 |

Canadian Regulations:

WHMIS Classification : Not controlled.

DSL : Listed.

National Inventories:

Australia AICS : Not determined.

China IECS : Not determined.

Europe EINECS : Not determined.

Japan ENCS : Not determined.

Korea KECI : Listed.

Philippines PICCS : Not determined.

16. OTHER INFORMATION

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 used in combination with any other materials or in any process, unless specified in the text.