

**PLASTOL AMP-X3 - BULK**

Version 4.0

Print Date 12/19/2013

REVISION DATE: 07/08/2012

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : PLASTOL AMP-X3 - BULK  
Product code : 133N 99

COMPANY : Euclid Chemical Company  
19218 Redwood Road  
Cleveland, OH 44110

Telephone : 1-800-321-7628  
Emergency Phone: : U.S. only: 1-800-424-9300  
International Users Call Collect: 1-703-527-3887

Product use : Admixture

**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Clear to Amber. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : No serious effects anticipated under normal conditions of use.  
Eyes : Direct contact may cause mild irritation.  
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.  
Skin : May cause mild irritation.

**Aggravated Medical Conditions**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**SECTION 3 - PRODUCT COMPOSITION**

| Chemical Name                | CAS-No.                 | Weight %    |
|------------------------------|-------------------------|-------------|
| Water                        | 7732-18-5               | > 60.0      |
| Polycarboxylate resin        | NJ TSRN# 51721300-6388P | 15.0 - 40.0 |
| Tris(2-butoxyethyl)phosphate | 78-51-3                 | 0.1 - 1.0   |

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.

Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If

**PLASTOL AMP-X3 - BULK**

Version 4.0

Print Date 12/19/2013

REVISION DATE: 07/08/2012

irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Get medical attention. Do not induce vomiting.

Notes to physician : Not applicable.

**SECTION 5 - FIRE FIGHTING MEASURES**

Flash point : Not available.  
Method : Not available.  
Lower explosion limit : Not available.  
Upper explosion limit : Not available.  
Autoignition temperature : Not available.  
Extinguishing media : This product is not expected to burn under normal conditions of use.  
Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.  
Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).  
Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

**SECTION 7 - HANDLING AND STORAGE**

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection equipment**

Respiratory protection : Not required under normal conditions of use.  
Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.  
Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.  
Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.  
Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.

**PLASTOL AMP-X3 - BULK**

Version 4.0

Print Date 12/19/2013

REVISION DATE: 07/08/2012

Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

| Chemical Name                  | CAS Number | Regulation              | Limit               | Form |
|--------------------------------|------------|-------------------------|---------------------|------|
| Propylene oxide                | 75-56-9    | ACGIH TWA:<br>OSHA PEL: | 2 ppm<br>240 mg/m3  |      |
| 2-Butoxyethanol (Glycol ether) | 111-76-2   | ACGIH TWA:<br>OSHA PEL: | 20 ppm<br>240 mg/m3 |      |

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Form : Liquid  
Color : Clear to Amber  
Odor : Mild  
pH : 5 - 7  
Vapour pressure : Not available.  
Vapor density : Heavier than air  
Melting point/range : Not available.  
Freezing point : Not available.  
Boiling point/range : Not available.  
Water solubility : Soluble  
Specific Gravity : 1.044  
% Volatile Weight : 79.3 %

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid : Strong acids. Strong bases.  
Stability : Stable  
Hazardous polymerization : Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Tris(2-butoxyethyl)phosphate, CAS-No.: 78-51-3  
Acute oral toxicity (LD-50 oral) 3,000 mg/kg ( Rat ) 3,000 mg/kg ( Guinea pig )

**PLASTOL AMP-X3 - BULK**

Version 4.0

Print Date 12/19/2013

REVISION DATE: 07/08/2012

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA****CFR / DOT:**

Not Regulated

**TDG:**

Not Regulated

**IMDG:**

Not Regulated

**SECTION 15 - REGULATORY INFORMATION****North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. Federal Regulations:**

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Based on an evaluation of the components used, this product does not contain hazardous ingredients identified as per 29 CFR 1910.1200

**OSHA Hazardous Components :**

|                                |          |
|--------------------------------|----------|
| Tris(2-butoxyethyl)phosphate   | 78-51-3  |
| Tris(2-butoxyethyl)phosphate   | 78-51-3  |
| Propylene oxide                | 75-56-9  |
| 2-Butoxyethanol (Glycol ether) | 111-76-2 |

OSHA Flammability : Not Regulated

Regulatory VOC (less water and exempt solvent) : 0 g/l

VOC Method 310 : 0 %

**PLASTOL AMP-X3 - BULK**

Version 4.0

Print Date 12/19/2013

REVISION DATE: 07/08/2012

**U.S. State Regulations:**

|                     |   |                       |                         |
|---------------------|---|-----------------------|-------------------------|
| MASS RTK Components | : | Propylene oxide       | 75-56-9                 |
| Penn RTK Components | : | Water                 | 7732-18-5               |
|                     |   | Polycarboxylate resin | NJ TSRN# 51721300-6388P |
| NJ RTK Components   | : | Water                 | 7732-18-5               |
|                     |   | Polycarboxylate resin | NJ TSRN# 51721300-6388P |

Components under California Proposition 65:  
None known.

**SECTION 16 - OTHER INFORMATION****HMIS Rating :**

|              |   |
|--------------|---|
| Health       | 1 |
| Flammability | 0 |
| Reactivity   | 0 |
| PPE          |   |

0 = Minimum  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Rich Mikol****Legend**

ACGIH - American Conference of Governmental Hygienists  
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
DOT - Department of Transportation  
DSL - Domestic Substance List  
EPA - Environmental Protection Agency  
HMIS - Hazardous Materials Information System  
IARC - International Agency for Research on Cancer  
MSHA - Mine Safety Health Administration  
NDSL - Non-Domestic Substance List  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit  
RCRA - Resource Conservation and Recovery Act  
RTK - Right To Know  
SARA - Superfund Amendments and Reauthorization Act  
STEL - Short Term Exposure Limit  
TLV - Threshold Limit Value  
TSCA - Toxic Substances Control Act  
TWA - Time Weighted Average  
V - Volume  
VOC - Volatile Organic Compound  
WHMIS - Workplace Hazardous Materials Information System

