

**1. Product & Company Identification**

Product Name: XP Cleaner  
 Item Number(s): XPCLEANER  
 Relevant Identified Use: Detergent  
 Restrictions On Use: **Industrial Use Only**  
 Manufacturer: Nova Polymers, Inc.  
 115348 US-127  
 Bryan, OH 43057  
 Customer Service: 888-484-6682

**For Emergencies Involving A Spill, Leak, Fire, Exposure or Accident, Contact:**

**VelocityEHS**  
 North America: (800) 255.3924  
 International: +1 (813) 248.0585

**2. Hazard(s) Identification**

<b>Hazard Classification</b>	<b>Hazard Statements</b>	<b>Hazard Category</b>
H314 Skin corrosion / irritation (chapter 3.2)	Cause severe skin burns and eyes	1

Signal Word: **Warning**

Hazard Pictograms:



**Precautionary Statements:**

P260 Do not breathe dust / fume / mist / vapors / spray  
 P264 Wash thoroughly after handling.  
 P280 Wear protective gloves / eye protection / face protection.

**3. First Aid Response**

P301 + P330 + P331 **IF SWALLOWED**, rinse mouth. DO NOT induce vomiting.  
 P303 + P361 + P353 **IF ON SKIN**, immediately remove or take off all contaminated clothing. Rinse skin with water / shower.  
 P304 + P340 **IF INHALED**, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305 + P351 + P338 **IF IN EYES**, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
 P310 Immediately call a POSION CENTER, doctor, or physician.  
 P363 Wash contaminated clothing before reuse.

**4. Composition / Ingredient Information**

Chemical Name	CAS #	GHS Classification	Weight %
2-Butoxy-ethanol	111-76-2	Acute Tox. 4; H332 Acute Tox. 4; H312 Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315	1.0-10
Ethanolamine	141-43-5	Acute Tox. 4; H332 Acute Tox. 4; H312 Acute Tox. 4; H302 Skin Irrit. 1B; H314	1.0-10

Chemical Name	CAS #	GHS Classification	Weight %
2-Butoxy-ethanol	111-76-2	Acute Tox. 4; H332 Acute Tox. 4; H312 Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315	1.0-10
Ethanolamine	141-43-5	Acute Tox. 4; H332 Acute Tox. 4; H312 Acute Tox. 4; H302 Skin Irrit. 1B; H314	1.0-10
2-Hydroxy 1, 2, 3 Propane Tricarboxylic Acid	77-92-9	Not Classified	1.0-10
Tetrasodium EDTA	64-02-8	Acute Tox. 4; H302 Eye Damage: 1; H318	1.0-10

### 5. Firefighting Measures

Suitable Extinguishing Media: alcohol resistant foam, CO<sub>2</sub>, powder, water spray

Unsuitable Extinguishing Media: DO NOT use water jet, this may cause fire to spread.

Specialized Hazards Arising from the Substance or Mixture: No hazardous decomposition data available. Do not breathe dust / fume / mist / vapors / spray.

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water ways.

### 6. Accidental Release Measures

Personal Precautions / Protective Equipment: Use personal protective equipment as required. Avoid contact with skin, eyes, and clothes. Do not breathe vapour or spray.

Emergency Procedures: Dispose according to state, federal, and local regulations.

Environmental Precautions: Keep away from drains, surface and ground water.

### 7. Handling & Storage

Precautions For Safe Handling: Handle open container with care. Avoid contact with eyes. Wash hands before breaks and after work. Keep away from food and drink.

Recommended Storage Conditions: Protect against physical damage. Store in a cool, dry, well ventilated location away from incompatibles. Do not store in unlabeled or mislabeled containers.

### 8. Exposure Controls / Personal Protection

**Control Parameters-** formula information from this product is being withheld as a trade secret under the provisions of 29 CFR 1910.1200(i).

CAS #	Ingredient	Source	Value
64-02-8	Tetrasodium EDTA	OSHA ACGIH NIOSH Supplier	No Established Limit No Established Limit No Established Limit No Established Limit
77-92-9	2-Hydroxy 1, 2, 3 Propane Tricarboxylic Acid	OSHA ACGIH NIOSH Supplier	No Established Limit No Established Limit No Established Limit No Established Limit
111-76-2	2-Butoxy-ethanol	OSHA ACGIH NIOSH Supplier	TWA 50 ppm (240 mg/m3) [skin] TWA: 20 ppm TWA 5 ppm (24 mg/m3) [skin] No Established Limit
141-43-5	Ethanolamine	OSHA ACGIH NIOSH Supplier	TWA 3 ppm (6 mg/m3) TWA: 3 ppm STEL: 6 ppm TWA 3 ppm (8 mg/m3) ST: 6 ppm (15 mg/m3) No Established Limit

**Carcinogen Data**

CAS #	Ingredient	Source	Value
64-02-8	Tetrasodium EDTA	OSHA NIOSH IARC	Regulated Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No Group 3: No; Group 4: No
77-92-9	2-Hydroxy 1, 2, 3 Propane Tricarboxylic Acid	OSHA NIOSH IARC	Regulated Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No Group 3: No; Group 4: No
111-76-2	2-Butoxy-ethanol	OSHA NIOSH IARC	Regulated Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No Group 3: No; Group 4: No
141-43-5	Ethanolamine	OSHA NIOSH IARC	Regulated Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No Group 3: No; Group 4: No
NTP	Known: No; Suspected: No		
IARC	Group 1: No; Group 2a: No; Group 2b: No Group 3: No; Group 4: No		

**Exposure Controls**

<b>Respiratory</b>	If workers are exposed to concentrations above the exposure limit, they must use the appropriate, certified respirators.
<b>Eyes</b>	Protective safety glasses recommended.
<b>Skin</b>	Keep skin contact to a minimum. Wear PVC or rubber gloves to keep skin contact to a minimum.
<b>Engineering Controls</b>	Provide adequate ventilation. Where reasonably practical, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentration of particulates and any vapor below occupational exposure limits, suitable respiratory protection must be worn.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Clear, Yellow Liquid
<b>Odor</b>	Mild, Soap
<b>Odor Threshold</b>	Not Measured
<b>pH</b>	10.2 - 10.8
<b>Melting Point / Freezing Point</b>	Not Measured
<b>Initial Boiling Point &amp; Boiling Range</b>	212°F
<b>Flash Point</b>	> 200°F PMCC (non-flammable)
<b>Evaporation (Ether = 1)</b>	0.33
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper / Lower Flammability or Explosive Limits</b>	Not Measured
<b>Vapor Pressure (Pa)</b>	Not Determined
<b>Vapor Density</b>	Not Determined
<b>Relative Density</b>	1.020 - 1.030
<b>Solubility in Water</b>	Not Measured
<b>Partition Coefficient n-octanol / water (Log Kow)</b>	Not Measured
<b>Auto-ignition Temperature</b>	Not Measured
<b>Decomposition Temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured
<b>Foaming</b>	High

## 10. Stability & Reactivity

<b>Reactivity:</b>	Hazardous Polymerization will not occur.
<b>Chemical Stability:</b>	Stable under normal circumstances.
<b>Possibility of Hazardous Reactions:</b>	No data available.
<b>Conditions to Avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No hazardous decomposition data available.

## 11. Toxicological Information

**Acute Toxicity - Formula information for this product is being withheld as a trade secret under the provisions of 29 CFR 1910.1200(i).**

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/kg	Inhalation Dust / Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
2-Butoxy-ethanol	1,414.00, Guinea Pig - Category: 4	1,200.00, Guinea Pig - Category: 4	No data available	No data available	No data available
Ethanolamine	1,515.00, Rat - Category: 4	2,504.00, Rabbit - Category: 5	No data available	No data available	No data available
2-Hydroxy 1, 2, 3 Propane Tricarboxylic Acid	5,400.00, Mouse - Category: NA	>2,000.00, Rat - Category: 5	No data available	No data available	No data available
Tetrasodium EDTA	1,913.00, Rat - Category: 4	No data available	No data available	No data available	No data available

Classification	Category	Hazard Description
Acute Toxicity (oral)	-----	Not Applicable
Acute Toxicity (dermal)	-----	Not Applicable
Acute Toxicity (inhalation)	-----	Not Applicable
Skin Corrosion / Irritation	1B	Causes severe skin burns and eye damage.
Serious Eye Damage / Irritation	1B	Causes severe skin burns and eye damage.
Respiratory Sensitization	-----	Not Applicable
Skin Sensitization	-----	Not Applicable
Germ Cell Mutagenicity	-----	Not Applicable
Carcinogenicity	-----	Not Applicable
Reproductive Toxicity	-----	Not Applicable
STOT - single exposure	-----	Not Applicable
STOT - repeated exposure	-----	Not Applicable
Aspiration Hazard	-----	Not Applicable

**12. Ecological Information**

**Toxicity - Formula information for this product is being withheld as a trade secret under the provisions of 29 CFR 1910.1200(i).**

Ingredient	96 hr LC50 fish, mg/l	48hr EC50 crustacea, mg/l	ErC50 algae, mg/l
2-Butoxy-ethanol (111-76-2)	1,474.00 Oncorhynchus Mykiss	1,550.00 Daphnia Magna	1,840.00 (72 hr) Pseudokirchneriella Subcapitata
Ethanolamine (141-43-5)	349.00 Cyprinus Carpio	65.00 Daphnia Magna	2.80 (72 hr) Pseudokirchneriella Subcapitata
2-Hydroxy 1, 2, 3 Propane Tricarboxylic Acid (77-92-9)	101.00 Pimephales Promelas	160.00 Carcinus Maenas	Not Available
Tetrasodium EDTA (64-02-8)	41.00 Lepomis Macrochirus	140.00 Daphnia Magna	101.00 (72 hr) Pseudokirchneriella Subcapitata

**13. Disposal Considerations**

**Waste Treatment Methods:** Observe all federal / state / local regulations when disposing of this substance.

**14. Transport Information**

**UN Number:** NA1760  
**UN Proper Shipping Name:** Compound, Cleaning, Liquid, (Ethanolamine)  
**Transport Hazard Class(es):** 8  
**Packaging Group:** III

**15. Regulatory Information**

**Regulatory Overview:** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.  
**Toxic Substance Controll Act (TSCA):** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**EPCRA 311 /312 Chemicals and RQs (lbs):**  
 Sodium Dodecylbenzenesulfonate (1,000.00)

**EPCRA 302 Extremely Hazardous:**  
 (No Product Ingredients Listed)

**EPCRA 311 /312 Chemicals and RQs (lbs):**  
 2-Butoxy-ethanol

**Proposition 65 - Carcinogens (>0.0%):**  
 (No Product Ingredients Listed)

**Proposition 65 - Developmental Toxins (>0.0%):**

(No Product Ingredients Listed)

**Proposition 65 - Female Repro Toxins (>0.0%):**

(No Product Ingredients Listed)

**Proposition 65 - Male Repro Toxins (>0.0%):**

(No Product Ingredients Listed)

**N.J. RTK Substances (>1%)**

Ethanolamine

2-Butoxy-ethanol

Sodium Dodecylbenzenesulfonate

**Penn RTK Substances (>1%)**

Ethanolamine

2-Butoxy-ethanol

Sodium Dodecylbenzenesulfonate

**DISCLAIMER**

This information is furnished without warranty, expressed or implied, and is believed to be accurate to the best knowledge of Nova Polymers, Inc. The data on this SDS relates only to the specific material design herein. Nova Polymers, Inc. assumes no legal responsibility for use or reliance upon this data. This product has been classified according to the hazard criteria of the CFR and this SDS contains all the information required by the CFR.