

**SECTION 1 - PRODUCT IDENTIFICATION**

Product name: Extractor Maintainer

Product code: None

**Manufacturer details**

Company: Apter Industries Inc.  
PO Box 456  
McKeesport, PA. 15134-456  
USA

SDS Request: 1-800-441-7146

Customer Service: 1-800-441-7146

**Emergency telephone number**

Chemtrec Domestic (24hr): 1-800-424-9300

Chemtrec International (24 hr): 1-703-527-3887

**Recommended use of the chemical and restrictions for use**

Recommended use: Cleaning agent

Restrictions for use: Advice in this document relates only to the product manufactured. The information of the ingredients used in this product has been provided by various suppliers. Additional hazards may occur if not used in accordance with product labeling.

**SECTION 2 – HAZARDS IDENTIFICATION****GHS Classification**

Skin irritation: Category 2

Eye irritation: Category 1

**GHS label element**

Hazard pictograms:



Signal word: Danger

**Hazard statements**

Harmful if swallowed

Skin corrosion/irritation

Serious eye damage/irritation

**Precautionary statements:****Prevention**

Avoid breathing mist, fumes, vapors, or spray

Only use in well-ventilated areas or outdoors

Wash face, hands, and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/ eye protection/ face protection

**Precautionary statements:****Response**

Specific treatment (see supplemental first aid instructions on this label)

**Precautionary statements:****Storage**

Keep product lid closed tightly while storing

Stored in a secure location out of the reach of unauthorized users

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**Precautionary statements:****Disposal**

Use all material in container and dispose container in accordance with local, state, and federal regulations.

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

Substance/Mixture: Mixture

Chemical Name	CAS-No	Weight %	Trade Secret
Water	7732-18-5	>85	*
Lactic acid	50-21-5	5 – 10	*
2 - Butoxyethanol	111-76-2	1 – 5	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

**SECTION 4 – FIRST AID MEASURES****First aid measures****General advice:**

In general no treatment is necessary, however, obtain medical advice. Present this safety data sheet if obtaining medical advice.

**Eye contact:**

Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Remove contact lenses. Prolonged exposure may irreversible eye damage. If irritation persists seek medical attention.

**Skin contact:**

Remove contaminated clothing. Flush exposed area with water and follow by washing with soap, if available. If persistent irritation occurs, obtain medical attention.

**Inhalation:**

Remove to fresh air. If rapid recovery does not occur, transport to nearest medical facility.

**Ingestion:**

DO NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

**Protection of first-aiders:**

When administering first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings.

**Immediate medical attention, special treatment:**

Call a doctor or poison control for guidance. Treat symptomatically.

**SECTION 5 – FIRE-FIGHTING MEASURES****Suitable extinguishing media:**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:**

None. CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from Compound:**

No information available.

**Explosion data:**

Product is not explosive.

**Protective equipment and precautions for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment, and emergency procedures:**

Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation. Use personal protective equipment. Avoid breathing vapors or mists. Refer to sections 7 and 8.

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**Environmental precautions:** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

**Methods and materials for containment and cleaning up:** Prevent further leakage or spillage if safe to do so. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## SECTION 7 – HANDLING AND STORAGE

**Precautions for safe handling:** Handle with good industrial hygiene and safety practice. Avoid contact with skin, eye and clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Avoid breathing vapors or mists. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

**Conditions for safe storage, including any incompatibilities:** Keep containers tightly closed and in a dry, cool and well-ventilated place. Keep out of the reach of children. Avoid storing with acids and chlorinated compounds.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control parameters

#### Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

**Other exposure guidelines:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11<sup>th</sup> Cir.,1992)

**Appropriate engineering controls:** General ventilation systems. Eye wash stations recommended depending on application.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection:** If splashes are likely to occur, wear safety glasses with side-shields. None required for consumer use.

**Skin and Body Protection:** Wear protective gloves and clothing. Long sleeved shirts and impervious gloves and recommended.

**Respiratory Protection:** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures:** Handle with good industrial hygiene and safety practice. Avoid contact with skin, eye and clothing. Do not eat, drink or smoke when using this product. Wear suitable gloves and eye/face protection.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Color:** Clear  
**pH:** 1.5 to 2.0  
**Melting point/freezing point:** No data available

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<b>Boiling point/boiling range:</b>	No data available
<b>Flash point:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Flammability (solid,gas):</b>	No data available
<b>Upper flammability limit:</b>	No data available
<b>Lower flammability limit:</b>	No data available
<b>Vapor pressure:</b>	No data available
<b>Vapor density:</b>	No data available
<b>Water solubility:</b>	Completely miscible
<b>Solubility in solvents:</b>	No data available
<b>Partition coefficient: n-octanol water:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Viscosity, dynamic:</b>	No data available
<b>Viscosity, kinematic:</b>	No data available
<b>Explosive properties:</b>	None
<b>Oxidizing properties:</b>	None
<b>Softening point:</b>	No data available
<b>VOC content:</b>	<3%

## SECTION 10 – STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions:</b>	None under normal processing.
<b>Hazardous polymerization:</b>	Does not occur.
<b>Conditions to avoid:</b>	Excessive heat.
<b>Incompatible material:</b>	Acids. Chlorinated compounds.
<b>Hazardous decomposition products:</b>	Carbon oxides

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product information

<b>Inhalation:</b>	There is no data available for this product. May cause irritation of respiratory tract
<b>Eye contact:</b>	There is no data available for this product. Expected to be an irritant based on components. Irritating to eyes. May cause redness, itching and pain. May cause temporary eye irritation.
<b>Skin contact:</b>	There is no data available for this product. Expected to be an irritant based on components. Irritating to skin. Prolonged contact may cause redness and irritation.

#### *Section 11 - continued*

<b>Ingestion:</b>	There is no data available for this product. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
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Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-Butoxyethanol 111-76-2	= 470 mg/kg ( Rat )	= 220 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h

**Information of toxicological information:** Symptoms – Redness of the skin. May cause redness and tearing of the eyes. Coughing and/or wheezing.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization:** No information available  
**Mutagenic effects:** No information available  
**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol 111-76-2	A3	Group 3		

**Reproductive toxicity:** No information available  
**STOT-Single exposure:** No information available  
**STOT-Repeated exposure:** No information available  
 - **Chronic Toxicity:** No known effects based on information supplied. May cause adverse effects on the bone marrow and blood-forming system. May adverse liver effects.  
 - **Target Organ Effects:** Respiratory system. Eyes. Skin. Blood. Gastrointestinal system(GI). Central nervous system (CNS). Hematopoietic system. Kidney. Liver. Cardiovascular system.  
**Aspiration Hazard:** No information available

#### Numerical measures of toxicity Product Information

The following values are calculated on Chapter 3.1 of the GHS document

**ATEmix (oral):** 4,805.00 mg/kg  
**ATEmix (dermal):** 9,143.00 mg/kg (ATE)  
**ATEmix (inhalation-gas):** 40,909.00 ppm (4hr)  
**ATEmix (inhalation-dust/mist):** 13.60 mg/L  
**ATEmix (inhalation-vapor):** 86.00 ATEmix

### SECTION 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:** Harmful to aquatic life with long lasting effects.  
**Persistence and Degradability:** No information available  
**Bioaccumulation:** No information available  
**Other adverse effects:** No information available

### SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** This material, as supplied, is not hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if this material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional or local regulations for additional requirements.

**Contaminated Packaging:** Dispose in accordance with local regulations.

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**California Hazardous Waste Codes:** 561

### SECTION 14 – TRANSPORT INFORMATION

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**DOT:** Not regulated  
**Proper shipping name:** Non regulated  
**Hazard class:** N/A  
**TDG:** Not regulated  
**MEX:** Not regulated  
**ICAQ:** Not regulated  
**IATA:** Not regulated  
**Proper shipping name:** Non regulated  
**Hazard class:** N/A  
**IMDG/IMO:** Not regulated  
**Hazard class:** N/A  
**RID:** Not regulated  
**ADR:** Not regulated  
**AND:** Not regulated

**SECTION 15 – REGULATORY INFORMATION**

**TSCA:** Complies  
**DSL:** All components are listed either on the DSL or NDSL.

*TSCA – United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List*

**U.S. Federal Regulations**

**Sara 313:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
2-Butoxyethanol – 111-76-2	111-76-2	1 - 5	1.0

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes  
**Chronic Health Hazard** No  
**Fire Hazard** No  
**Sudden Release of Pressure Hazard** No  
**Reactive Hazard** No

**Clean Water Act:** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA:** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to the releases of this material.

**U.S. State Regulations**

**California Proposition 65:** This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

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Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-Butoxyethanol 111-76-2	X	X	X

**International Regulations**

**Mexico – Grade** Minimum risk, Grade 0

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Chemical Name	Carcinogen Status	Exposure Limits
2-Butoxyethanol		Mexico: TWA 26 ppm Mexico: TWA 120 mg/m <sup>3</sup> Mexico: STEL 75 ppm Mexico: STEL 360 mg/m <sup>3</sup>

Canada

WHMIS Hazard Class

D2B Toxic materials



## SECTION 16 – OTHER INFORMATION

NFPA: Health Hazard 2 Flammability 1 Instability 0 Physical and Chemical Hazards –  
 HMIS: Health Hazard 2 Flammability 1 Physical Hazard 0 Personal Protection X

Prepared By: Apter Industries, Inc.  
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General Disclaimer

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 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.

End of Safety Data Sheet