



Eco Pro Heavy Duty Cleaner Degreaser

SECTION 1. IDENTIFICATION

Product Identifier Eco Pro Heavy Duty Cleaner Degreaser
Product Family Degreaser
Manufacturer/Supplier Identifier Pro Link Canada, 421 Richmond Road, Ottawa, ON, K2A 4E4, 613-722-0798
Emergency Phone No. CANUTEC , 613-996-6666, 24 Hours
SDS No. 0262

SECTION 2. HAZARD IDENTIFICATION

Classification

Eye irritation - Category 2B

Label Elements

Warning

Causes eye irritation.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Alcohols, C7-21, ethoxylated	68991-48-0	3-7		
Tetrapotassium pyrophosphate	7320-34-5	3-7		
Sodium Metasilicate	6834-92-0	1-5		
Tetrasodium EDTA	10378-23-1	0.5-1.5		

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Rinse skin with cool water. If skin irritation or a rash occurs, get medical advice or attention.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Do not induce vomiting. Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

Symptoms may develop hours after exposure.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Specific Hazards Arising from the Product

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

Special Protective Equipment and Precautions for Fire-fighters

Firefighters should wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

Dike spilled product to prevent runoff. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

General hygiene considerations: do not get in eyes, on skin or on clothing. Avoid contamination by any source including dusts, metals and organic materials.

Conditions for Safe Storage

Store in a closed container. Separate from incompatible materials (see Section 10: Stability and Reactivity). Comply with all applicable health and safety regulations, fire and building codes.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL [C]	TWA	Ceiling
Tetrapotassium pyrophosphate	Not established		Not established	
Sodium Metasilicate	10 mg/m3			

Appropriate Engineering Controls

General ventilation is usually adequate. Provide eyewash in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear safety glasses with side shields.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Product Identifier: Eco Pro Heavy Duty Cleaner Degreaser - Ver. 1

SDS No.: 0262

Date of Preparation: May 04, 2017

Date of Last Revision:

Page 02 of 05

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear blue - green liquid.
Odour	Not available
pH	12.2 - 12.8 (100% solution)
Initial Boiling Point/Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable (liquid).
Relative Density (water = 1)	1.079
Solubility	Very soluble in water
Viscosity	Not available (kinematic)

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive.

Chemical Stability

Normally stable.

Conditions to Avoid

Prolonged exposure to high temperatures. Contamination.

Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid), strong acids (e.g. hydrochloric acid).

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Alcohols, C7-21, ethoxylated		> 2000 mg/kg (rat)	
Tetrapotassium pyrophosphate		> 1000 mg/kg (rat)	> 4640 mg/kg (rabbit)
Sodium Metasilicate		1153 mg/kg	
Tetrasodium EDTA		> 2000 mg/kg (rat)	

Skin Corrosion/Irritation

There is limited evidence of mild irritation.

Serious Eye Damage/Irritation

There is limited evidence of serious eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause nose and throat irritation.

Skin Absorption

May be harmful.

Product Identifier: Eco Pro Heavy Duty Cleaner Degreaser - Ver. 1
Date of Preparation: May 04, 2017
Date of Last Revision:

SDS No.: 0262

Page 03 of 05

Ingestion

May cause Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Symptoms may include dry, red, cracked skin (dermatitis).

Respiratory and/or Skin Sensitization

Not known to be a skin sensitizer.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Alcohols, C7-21, ethoxylated	Not Listed	Not designated	Not Listed	Not Listed
Tetrapotassium pyrophosphate	Not Listed	Not designated	Not Listed	Not Listed
Sodium Metasilicate	Not Listed	Not designated	Not Listed	Not Listed
Tetrasodium EDTA	Not Listed	Not designated	Not Listed	Not Listed

Reproductive Toxicity

Development of Offspring

Not known to harm the unborn child.

Germ Cell Mutagenicity

Not known to be a mutagen.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish
Alcohols, C7-21, ethoxylated	> 50 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)
Sodium Metasilicate	210 mg/L (Brachydanio rerio (zebra fish); 96-hour; semi-static)
Tetrasodium EDTA	760 mg/L (Lepomis macrochirus (bluegill); 96-hour)

Persistence and Degradability

No ingredient of this product or its degradation products is known to be highly persistent.

Bioaccumulative Potential

This product and its degradation products are not expected to bioaccumulate.

Mobility in Soil

If released into the environment, this product is expected to move rapidly through the soil, based on physical and chemical properties.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Product Identifier: Eco Pro Heavy Duty Cleaner Degreaser - Ver. 1

SDS No.: 0262

Date of Preparation: May 04, 2017

Date of Last Revision:

Page 04 of 05

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

WHMIS 1988 Classification



Class D2B

D2B - Toxic (Eye irritant)

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

SECTION 16. OTHER INFORMATION

NFPA Rating	Health - 2	Flammability - 0	Instability - 0
SDS Prepared By	Elemental		
Phone No.	519.537.1095		
Date of Preparation	May 04, 2017		
Disclaimer	Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).		

Product Identifier: Eco Pro Heavy Duty Cleaner Degreaser - Ver. 1

SDS No.: 0262

Date of Preparation: May 04, 2017

Date of Last Revision:

Page 05 of 05