

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product name** Pro Link Industrial Degreaser  
**CAS #** Mixture  
**Product Use** Degreaser  
**Manufacturer** Pro Link Canada  
421 Richmond Road  
Ottawa, ON K2A 4E4 CA  
Phone: 613-722-0798  
**CANUTEC** 613-996-6666

## 2. Hazards Identification

**Emergency overview** CAUTION  
MAY CAUSE EYE AND SKIN IRRITATION.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

**Eyes** May cause irritation.

**Skin** May cause irritation.

**Inhalation** May cause respiratory irritation.

**Ingestion** May cause stomach distress, nausea or vomiting.

**Target organs** Eyes. Skin.

**Chronic effects** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Signs and symptoms** Symptoms may include redness, oedema, drying, defatting and cracking of the skin.  
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Potential environmental effects** See section 12.

## 3. Composition/Information on Ingredients

Components	CAS #	Percent
Alcohols, C9-11, ethoxylated	68439-46-3	3 - 7
Sodium dodecylbenzenesulfonate	25155-30-0	1 - 5
Sodium metasilicate	6834-92-0	1 - 5
Sodium tripolyphosphate	7758-29-4	0.5 - 1.5

## 4. First Aid Measures

**First aid procedures**

**Eye contact** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

**Skin contact** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

**Inhalation** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

**Ingestion** Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

**Notes to physician** Treat patient symptomatically.

**General advice** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

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## 5. Fire Fighting Measures

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<b>Flammable properties</b>	Not flammable by WHMIS criteria.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical. Carbon dioxide. Water spray.
<b>Unsuitable extinguishing media</b>	Not available
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Not available
<b>Protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Oxides of phosphorus.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available.
<b>Sensitivity to static discharge</b>	Not available.

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## 6. Accidental Release Measures

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<b>Personal precautions</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not discharge into lakes, streams, ponds or public waters.
<b>Methods for containment</b>	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for cleaning up</b>	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

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## 7. Handling and Storage

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<b>Handling</b>	Avoid contact with eyes. Avoid contact with skin and clothing. Avoid breathing vapours or mists of this product. Use only with adequate ventilation. Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash thoroughly after handling. Keep container tightly closed.
<b>Storage</b>	Store in a closed container away from incompatible materials. Keep out of reach of children.

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## 8. Exposure Controls/Personal Protection

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<b>Exposure limits</b>	Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH.
<b>Engineering controls</b>	General ventilation normally adequate.
<b>Personal protective equipment</b>	
<b>Eye/Face protection</b>	Wear safety glasses with side shields.
<b>Hand protection</b>	Rubber gloves. Confirm with a reputable supplier first.
<b>Skin and body protection</b>	As required by employer code.
<b>Respiratory protection</b>	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
<b>General hygiene considerations</b>	Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practices. When using do not eat or drink.

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## 9. Physical and Chemical Properties

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<b>Appearance</b>	Clear
<b>Colour</b>	Not available.
<b>Form</b>	Liquid
<b>Odour</b>	Not available.
<b>Odour threshold</b>	Not available.
<b>Physical state</b>	Liquid.
<b>pH</b>	11.5 - 12.5
<b>Freezing point</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Pour point</b>	Not available.
<b>Evaporation rate</b>	Not available
<b>Flash point</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Flammability Limits in Air, Upper, % by Volume</b>	Not available.
<b>Flammability Limits in Air, Lower, % by Volume</b>	Not available.
<b>Heat of combustion</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Specific gravity</b>	1.03
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Solubility (Water)</b>	Not available.
<b>Relative density</b>	Not available.
<b>Viscosity</b>	Not available.
<b>VOC</b>	Not available
<b>Percent volatile</b>	Not available

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## 10. Stability and Reactivity

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<b>Reactivity</b>	Reacts violently with acids. This product may react with strong oxidising agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Oxidizing agents. Acids.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of phosphorus. Oxides of carbon. Oxides of sulfur. Oxides of nitrogen.

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## 11. Toxicological Information

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### Toxicological data

<b>Components</b>	<b>Species</b>	<b>Test results</b>
Alcohols, C9-11, ethoxylated (CAS 68439-46-3)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	2000 mg/kg
	Rat	2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	5 mg/l/4h

<b>Components</b>	<b>Species</b>	<b>Test results</b>
<i>Oral</i> LD50	Rat	1200 mg/kg
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)		
<b>Acute</b> <i>Dermal</i> LD50	Rat	2700 mg/kg
<i>Inhalation</i> LC50	Not available	
<i>Oral</i> LD50	Rat	438 mg/kg
Sodium metasilicate (CAS 6834-92-0)		
<b>Acute</b> <i>Dermal</i> LD50	Not available	
<i>Inhalation</i> LC50	Not available	
<i>Oral</i> LD50	Mouse	2400 mg/kg
	Rat	1153 mg/kg
Sodium tripolyphosphate (CAS 7758-29-4)		
<b>Acute</b> <i>Dermal</i> LD50	Rabbit	7940 mg/kg
<i>Inhalation</i> LC50	Not available	
<i>Oral</i> LD50	Rat	3100 mg/kg
<b>Effects of acute exposure</b>		
<b>Eye contact</b>	May cause irritation.	
<b>Skin contact</b>	May cause irritation.	
<b>Inhalation</b>	May cause respiratory irritation.	
<b>Ingestion</b>	May cause stomach distress, nausea or vomiting.	
<b>Sensitisation</b>	Non-hazardous by WHMIS criteria.	
<b>Chronic effects</b>	Non-hazardous by WHMIS criteria.	
<b>Carcinogenicity</b>	Non-hazardous by WHMIS criteria.	
<b>Mutagenicity</b>	Non-hazardous by WHMIS criteria.	
<b>Reproductive effects</b>	Non-hazardous by WHMIS criteria.	
<b>Teratogenicity</b>	Non-hazardous by WHMIS criteria.	
<b>Name of Toxicologically Synergistic Products</b>	Not available.	

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## 12. Ecological Information

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<b>Ecotoxicity</b>	See below
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**Ecotoxicological data****Components**

Alcohols, C9-11, ethoxylated (CAS 68439-46-3)

		<b>Species</b>	<b>Test results</b>
Fish		Rainbow trout	70.7 mg/l, 96 Hours
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	2.9 - 8.5 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	6 - 12 mg/l, 96 hours

Sodium dodecylbenzenesulfonate (CAS 25155-30-0)

		<b>Species</b>	<b>Test results</b>
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	3.26 - 14.51 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	3.2 - 5.6 mg/l, 96 hours

Sodium metasilicate (CAS 6834-92-0)

		<b>Species</b>	<b>Test results</b>
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	0.28 - 0.57 mg/l, 48 hours
Fish	LC50	Western mosquitofish (Gambusia affinis)	1800 mg/l, 96 hours

Sodium tripolyphosphate (CAS 7758-29-4)

		<b>Species</b>	<b>Test results</b>
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	238.35 - 321.01 mg/l, 48 hours

**Persistence and degradability** Not available.**Bioaccumulation/accumulation** Not available**Mobility in environmental media** Not available.**Environmental effects** Not available.**Aquatic toxicity** Not available.**Partition coefficient**

Sodium dodecylbenzenesulfonate 0.45

**Chemical fate information** Not available.**13. Disposal Considerations****Disposal instructions** Dispose in accordance with all applicable regulations.**Waste from residues / unused products** Not available**Contaminated packaging** Not available**14. Transport Information****Transportation of Dangerous Goods (TDG - Canada)**

Not regulated as dangerous goods.

**15. Regulatory Information****Canadian federal regulations** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.**Canada WHMIS Ingredient Disclosure: Threshold limits**Sodium dodecylbenzenesulfonate (CAS 25155-30-0) 1 %  
Sodium metasilicate (CAS 6834-92-0) 1 %**WHMIS status** Controlled**WHMIS Classification** Class D - Division 2B**WHMIS labeling**

**Inventory status**

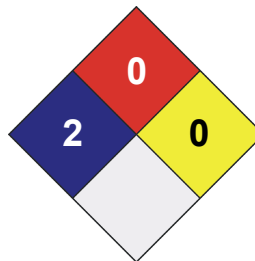
Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other Information**

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

<b>HEALTH</b>	/ 2
<b>FLAMMABILITY</b>	0
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	X

**Disclaimer**

Information contained herein 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 requirements of all applicable legislation and regulatory instruments. 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 document.

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**Other information**

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.