

SAFETY DATA SHEET

Preference 1-2-3

69934, 69943

Re-Order #(s): FC801C



Pro-Link Canada

1

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Use of Preparation: Cleaner, Deodorizer

Company Identification:

Pro-Link Canada
Box 67082, 421 Richmond Road
Ottawa, ON
K2A 4E4

Company Emergency Telephone Number(s):

(613) 722-0798

Transportation Emergency Telephone Number(s):

CANUTEC 613-996-6666 or *666 for cell phone

2

HAZARD IDENTIFICATION

GHS Hazards: Skin corrosion/irritation Category 2 H315
Serious eye damage/eye irritation Category 1 H318

Hazard Pictograms :



GHS Label Elements, Including Precautionary Statement

Signal Word: DANGER

Hazard Statements: Causes skin irritation. Causes serious eye damage.

Precautionary Statements: Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF ON SKIN: wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. IF SKIN irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

3

COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient Name	CAS#	Classification	% by Wt
Alcohols, C12-15, Ethoxylated	68131-39-5	Skin corrosion/irritation Category 2 H315 Serious eye damage/eye irritation Category 1 H318	1-5
Quaternary Ammonium Compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	Skin corrosion/irritation Category 1A H314 Serious eye damage/eye irritation Category 1 H318 Acute toxicity,oral Category 3 H301	1-5
Tetrasodium EDTA	64-02-8	Corrosive to Metals Category 1 H290 Acute toxicity,inhalation Category 4 H332 Skin corrosion/irritation Category 2 H315 Serious eye damage/eye irritation Category 1 H318 Carcinogenicity Category 2 H351	1-5

4

FIRST AID MEASURES

Inhalation:	Remove victim to fresh air. If symptoms persist, call a physician
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse. If irritation persists seek medical attention
Ingestion:	Immediately call physician. DO NOT induce vomiting. Give several glasses of water. Never give anything by mouth if victim is unconscious or convulsing.
Most Important Symptoms and Effects:	no available data
Notes to Physician:	Treatment based on judgment of attending physician.

5

FIRE FIGHTING MEASURES

Suitable extinguishing media:	As appropriate for burning of surrounding products
Unsuitable extinguishing media:	No data available
Special exposure hazards:	No data available
Special safety equipment:	not applicable

Fire and explosion: Not considered to be a fire or explosive hazard

Further information: None

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8

For Non-Emergency Personnel

Protective Equipment: Wear adequate personal protective equipment

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area. Restrict access to area until completion of cleanup. For large spills, use acid suits and acid resistant footwear. For smaller spills, use protective equipment as described in Section 8. Spilled material will be slippery.

Environmental Precautions: Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Recover and reuse as much of the product as possible. Restrict access to area until completion of clean up. Ensure trained personnel conduct clean up. Do not touch spilled material.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

7 HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin, eyes and clothing. Chemical safety goggles should be worn whenever working near storage tanks or vessels. Ensure good ventilation/exhaustion at the workplace. Wear proper protective equipment

Information about fire and explosion protection: Keep respiratory protective device available.

Requirements to be met by storerooms and receptacles: Store in a cool and dry location. Keep away from incompatible materials , (see section 10)

Information about storage in one common storage facility:

Store away from foodstuffs. Store in a cool, dry area. Keep away from incompatible materials, (see Sect. 10)

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles. Plastic containers recommended.

Specific end use:

No further relevant information available.

8

EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:

Normally not required. Mechanical ventilation should be adequate. If mists or spray generated, wear a NIOSH/MSHA approved respirator equipped with dust and mist filters.

Hand protection:

Rubber gloves

Eye protection:

Safety glasses, or chemical goggles.

Skin protection:

Personal protective equipment comprising of suitable protective gloves, safety glasses and protective clothing

Working hygiene:

Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

Exposure Guidelines:

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

9

PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Liquid

Appearance:

Clear yellow green liquid

Molecular Weight:

No Data Available

Odour:

floral

Odour Threshold:

No Data Available

pH:

6-7

Melting Point:

No Data Available

Boiling Point:

No Data Available

Flash Point:

No Data Available

Evaporation Rate (BuAc=1):

No Data Available

Flammable Limits in Air:

No Data Available

Upper Flammability Limit:

No Data Available

Lower Flammability Limit:

No Data Available

Vapour Density (Air=1):

No Data Available

Vapour Pressure:

No Data Available

Specific Gravity:

1.01-1.03

Solubility in Water:

Soluble in water

Log Pow (calculated):

No Data Available

Autoignition Temperature:

No Data Available

Decomposition Temperature:

No Data Available

Viscosity:

As Water

Solubility in other Solvents:

No Data Available

Partition Coefficient:

No Data Available

n-octanol / Water:

No Data Available

Kinematic Viscosity:

No Data Available

Dynamic Viscosity:

No Data Available

Explosive Properties: No Data Available
Percent Volatile by Volume: No Data Available

10 STABILITY AND REACTIVITY

Reactivity: Normally stable.

Chemical stability: Stable under recommended handling and storage conditions (see section 7).

Thermal decomposition conditions to avoid: No decomposition if used and stored according to specifications.

Possibility of hazardous reactions: not known

Conditions to avoid: Keep container closed, when not in use.

Hazardous decomposition products: none known

Materials to avoid: Oxidizing agents

Hazardous polymerization: none

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: please see below

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

Symptoms: No data available

Sensitization: No data available

Mutagenic Effects: no data available

Carcinogenicity: Group 2B: Possibly carcinogenic to humans _ due to max. 1% NTA component. Although large dietary doses of NTA have caused urinary tumors in laboratory animals, there is little likelihood that NTA could cause cancer in humans, especially at subtoxic doses. The trisodium salt of EDTA did not cause cancer in laboratory animals.

Reproductive Toxicity: no data available

STOT single exposure: no data available

STOT repeated exposure: no data available

Chronic Toxicity: no data available

Target Organ Effects: no data available

Aspiration hazard: no data available

Listed Ingredients:

Alcohols, C12-15, Ethoxylated	LD 50 (dermal) >2000mg/kg rabbit LD 50 (oral) >3200 mg/kg rat
Quaternary Ammonium Compounds, benzyl-C12-16-alkyldimethyl, chlorides	LD 50 (oral) 344 mg/kg Rat LD 50 (dermal) 3340 mg/kg Rabbit
Tetrasodium EDTA	LD50 (oral) 3,030 mg/kg Rat LD50 (dermal) >5000 mg/kg Rabbit

Carcinogenicity

Ingredient Name	CAS#	IARC	NTP	OSHA
Tetrasodium EDTA	64-02-8	Group 2B: Possibly carcinogenic to humans _ due to max. 1% NTA component. Although large dietary doses of NTA have caused urinary tumors in laboratory animals, there is little likelihood that NTA could cause cancer in humans, especially at subtoxic doses. The trisodium salt of EDTA did not cause cancer in laboratory animals.		

12

ECOLOGICAL INFORMATION

Toxicity:	No Data Available
Persistence and Degradability:	No Data Available
Bioaccumulative Potential:	No Data Available
Mobility in Soil:	No Data Available
Other Information:	No Data Available
Aquatic Toxicity:	No Data Available
Toxicity to algae, fish, invertebrates:	No Data Available
Biodegradation:	No Data Available

13

DISPOSAL

Waste Disposal Recommendations:	Dispose of waste material in accordance with all local, regional, national, and international regulations.
Ecology – Waste Materials:	Avoid release to the environment.
Empty Containers:	Reuse if possible or triple rinse and dispose according to local, provincial, state and federal

14 TRANSPORTATION INFORMATION

Department	Proper Shipping Name	Contains	Hazard Class	UN#	Packing Group
Canadian TDG (Road & Rail)	Not Regulated				

Please note: This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should be performed by trained personnel only.

15 REGULATION

- OSHA/WHMIS 2015 Classification:** Corrosive to Eyes
Skin Irritant
- California PROP 65:** no ingredients listed
- Cdn Domestic Substance List (DSL):** All Ingredients Listed

HMIS III Rating

- Health:**
- Flammability:**
- Physical:**
- Personal Protection:**

16 OTHER INFORMATION

Prepared for:
Pro-Link Canada
Box 67082, 421 Richmond Road
Ottawa, ON
K2A 4E4
(613) 722-0798

Issuing Date	Version#	Reason for Revision
Oct 13, 2016	1	

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown

hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet