

SAFETY DATA SHEET

Winter Rinse

69970 , 69971

Re-Order #'s: WR600, WR600



Pro-Link Canada

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IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Use of Preparation: Floor Cleaner/Salt Remover

Approved for use in Food Processing Facilities.

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

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HAZARD IDENTIFICATION

GHS Hazards: Skin corrosion/irritation Category 2 H315
Serious eye damage/eye irritation Category 1 H318
Corrosive to Metals Category 1 H290

Hazard Pictograms :



GHS Label Elements, Including Precautionary Statement

Signal Word: DANGER

Hazard

Statements: Causes skin irritation. Causes serious eye damage. May be corrosive to metals.

Precautionary

Statements: Keep only in original container. 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. Absorb

spillage to prevent material damage.

Storage: Store in a closed container.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient Name	CAS#	Classification	% by Wt
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	5-10

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:	Water, dry chemicals and carbon dioxide can be used on fires in which this product is involved.
Unsuitable extinguishing media:	No data available
Special exposure hazards:	No data available
Special safety equipment:	Self contained breathing apparatus and full protective clothing required for extinguishing fire.
Fire and explosion:	Not considered to be a fire or explosive hazard. May release flammable hydrogen gas in contact with aluminum.
Further information:	High temperatures may release toxic or corrosive gases, such as oxides of sulphur, nitrogen or sodium.

ACCIDENTAL RELEASE MEASURES

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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: Clear up spills immediately and dispose of waste safely. Rinse residue with soapy water, then rinse. Avoid using aluminium or other easily corroded material to handle spills.

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

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HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin, eyes and clothing. Avoid inhalation of vapour or mist. Ensure good ventilation/exhaustion at the workplace. Wear proper protective equipment. Chemical safety goggles should be worn whenever working near storage tanks or vessels. This product in the presence of aluminum releases hydrogen gas.

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.

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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, butyl rubber or neoprene gloves are recommended if skin contact might occur.
Eye protection:	Chemical goggles recommended. Face shield also recommended for handling large amounts.
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.

TWA ppm:
TWA mg_m³:
STEL ppm:
STEL mg_m³:

Tetrasodium EDTA

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PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	clear, orange liquid
Molecular Weight:	No Data Available
Odour:	typical
Odour Threshold:	No Data Available
pH:	12-13
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:	1.04-1.05
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:	Heat, moisture and incompatibles.
Hazardous decomposition products:	Caustic fumes, oxides of nitrogen, hydrogen gas.
Materials to avoid:	Strong acids, reactive metals, and ammonium salts.
Hazardous polymerization:	none

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:	None
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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:	None of the ingredients is listed by IARC, ACGIH, NTP, and OSHA as carcinogen.
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:	

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:	High pH (alkalinity) of material may be harmful to aquatic life.
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 regulations

14 TRANSPORTATION INFORMATION

Department	Proper Shipping Name	Contains	Hazard Class	UN#	Packing Group
Canadian TDG (Road & Rail)	Corrosive Liquid, Basic, Organic, N.O.S.	Tetrasodium EDTA	8	3267	III

15 REGULATION

OSHA/WHMIS 2015 Classification: Corrosive to Eyes
Skin Irritant
Corrosive to Metals

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
May 31, 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