

SAFETY DATA SHEET

Big Citrus

69972, 69973, 69974

Re-Order #'s: BC200, BC200, BC200



Pro-Link Canada

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IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Use of Preparation: Cleaner/Degreaser

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
Sensitization, Skin Category 1 H317
Acute toxicity,dermal Category 4 H312

Hazard Pictograms :



GHS Label Elements, Including Precautionary Statement

Signal Word: DANGER

Hazard Statements: Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. Harmful in contact with skin.

Precautionary Statements: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. 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 or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Disposal: Dispose of contents/container according to local, provincial and federal regulations.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient Name	CAS#	Classification	% by Wt
Sodium Xylenesulphonate	1300-72-7	Serious eye damage/eye irritation Category 2A H319 Acute toxicity,dermal Category 5 H313	5-10
D-Limonene	5989-27-5	Flammable liquids Category 3 H226 Skin corrosion/irritation Category 2 H315 Serious eye damage/eye irritation Category 2A H319 Sensitization, Skin Category 1 H317 Acute toxicity,oral Category 5 H303	1-5
Silicic Acid, disodium salt: Disodium metasilicate	6834-92-0	Skin corrosion/irritation Category 1A H314 STOT, single exposure; Respiratory tract irritation Category 3 H335 Corrosive to Metals Category 1 H290 Serious eye damage/eye irritation Category 1 H318	1-5
Diphosphoric Acid , potassium salt (1:4)	7320-34-5	Skin corrosion/irritation Category 2 H315 Serious eye damage/eye irritation Category 2A H319	5-10
Alcohols, C6-C12, ethoxylated	68439-45-2	Serious eye damage/eye irritation Category 2A H319 Acute toxicity,dermal Category 4 H312	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: As appropriate for burning of surrounding products

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

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.

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.

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. Avoid inhalation of vapour or mist. 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.
Specific end use:	No further relevant information available.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Normally not required. Mechanical ventilation should be adequate.
Hand protection:	Chemical resistant 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.

TWA ppm: TWA mg_m³: STEL ppm: STEL mg_m³:	D-Limonene 30 ppm (8H TWA)
TWA ppm: TWA mg_m³: STEL ppm: STEL mg_m³:	Silicic Acid, disodium salt: Disodium metasilicate N/A 2 mg/m ³ none none
TWA ppm: TWA mg_m³: STEL ppm: STEL mg_m³:	Diphosphoric Acid , potassium salt (1:4) 10 mg/m ³ TWA (inhalable particles, recommended) 3 mg/m ³ TWA (respirable particles, recommended)

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Clear, fluorescent orange liquid
Molecular Weight:	No Data Available
Odour:	Citrus/Orange
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:	1.070-1.085
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: 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

TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: None

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

Symptoms: No data available

Sensitization: Improper handling may lead to the formation of possible skin sensitizer

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:

Sodium Xylenesulphonate	LD 50 (oral) 7200 mg/kg Rat LD 50 (dermal) >2000mg/kg rabbit
D-Limonene	LD 50 (dermal) > 5 g/kg Rabbit LD 50 (oral) > 5 g/kg Rabbit
Silicic Acid, disodium salt: Disodium metasilicate	Oral LD50 (rat) 1152-1379 mg/kg bw Inhalation LC50 (rat)>2.06 g/m3 Dermal LD50 (rat) >5000 mg/kg bw
Diphosphoric Acid , potassium salt (1:4)	LD 50 (dermal) > 4640 mg/kg Rabbit
Alcohols, C6-C12, ethoxylated	LD 50 (dermal) >1000 mg/kg Rabbit LD 50 (oral) >2000 mg/kg Rat

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)	Not Regulated				

15 REGULATION

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

HMIS III Rating

Health:

Flammability:

Physical:

Personal Protection:

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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 10, 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