



# Safety Data Sheet

## Multi-purpose Cleaner

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Multi-purpose Cleaner
<b>Part number</b>	TNDS8412
<b>Product Family</b>	Aqueous solution
<b>Recommended Use</b>	Cleaner.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer</b>	Shrader Canada Limited 830 Progress Court Oakville, Ontario Canada L6L 6K1 +1.905.847.0222 www.shradercanada.com
<b>Emergency Phone No.</b>	Immediately contact your local poison control centre. CANUTEC, +1.613.996.6666, for transportation emergencies.

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

#### Classification

Skin irritation - Category 2; Eye irritation - Category 2A

#### Label Elements



Warning

Causes skin irritation.  
Causes serious eye irritation.

Wash hands and skin thoroughly after handling.  
Wear protective gloves.  
Wear eye protection/face protection.

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

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Continue rinsing.  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Alcohols, C7-21, ethoxylated	68991-48-0	1-5		
Ethylene glycol propyl ether	2807-30-9	1-5		
Sodium EDTA	64-02-8	0.1-1.0		
Disodium Metasilicate	6834-92-0	.1-1.0		
Tetrasodium pyrophosphate	7722-88-5	0.1-1.0		

#### Notes

Any concentration shown as a range is due to batch processing.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Not a hazard under normal conditions of use.  
Get medical advice or attention if you feel unwell or are concerned.

##### Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Centre or doctor and follow their advice.

##### Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Get medical advice or attention if you feel unwell or are concerned.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire. Use water to keep non-leaking, fire-exposed containers cool.

##### Unsuitable Extinguishing Media

Do not use a direct stream of water.

#### Specific Hazards Arising from the Product

Does not burn. Not sensitive to static discharge.  
Carbon oxides, and other unidentified organic compounds.

#### Special Protective Equipment and Precautions for Fire-fighters

Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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## Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas. Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so. 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

Only use where there is adequate ventilation. It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. Wear personal protective equipment to avoid direct contact with this chemical. Avoid generating vapours or mists. Containers of this material may contain hazardous residues when "emptied".

### Conditions for Safe Storage

Store in an area that is: well-ventilated, cool, dry.  
Store at temperatures not exceeding: 35°C.  
Keep from freezing.  
Keep away from children.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL [C]	TWA	Ceiling
Tetrasodium pyrophosphate	Not established	Not established	5 mg/m3	Not established

### Appropriate Engineering Controls

Sufficient mechanical ventilation to maintain exposures below the TLV. Under normal conditions of use, general ventilation should be satisfactory. Local ventilation is recommended if the product is misted or used in a confined space or if the TLV is exceeded. Make up air should always be supplied to balance air exhausted.

### Individual Protection Measures

#### Eye/Face Protection

Safety glasses with side shields. Contact lenses should not be worn, they may contribute to the severity of the injury.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.  
Suitable materials are: nitrile rubber, neoprene rubber.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear colourless liquid.
Odour	Not available
Odour Threshold	Not available
pH	12.7
Melting Point/Freezing Point	Not applicable (melting)
Initial Boiling Point/Range	Not applicable
Flash Point	Not applicable

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<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable (liquid).
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.019
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic)
<b>Other Information</b>	
<b>VOCs %</b>	Not applicable
<b>Flame projection</b>	Not applicable
<b>NFPA Classification</b>	Not applicable

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Hazardous polymerization will not occur.

### Chemical Stability

Stable at ambient temperatures and pressures.

### Possibility of Hazardous Reactions

Not applicable.

### Conditions to Avoid

Incompatible materials.

### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid).

Strong acids (e.g. hydrochloric acid).

Strong bases (e.g. sodium hydroxide).

### Hazardous Decomposition Products

Carbon oxides. And other unidentified organic compounds.

## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Likely Routes of Exposure

Skin contact.

Eye contact.

Ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Ethylene glycol propyl ether	2025 ppm (rat) (4-hour exposure)	500-1000 mg/kg (rat)	875 mg/kg (rabbit)
Disodium Metasilicate	Not available	600 mg/kg (rat)	> 4640 mg/kg (rabbit)
Tetrasodium pyrophosphate	Not applicable	> 4000 mg/kg (rat)	> 300 mg/kg (rabbit)

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5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (oral)  
5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (oral)  
5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (dermal)

**Skin Corrosion/Irritation**

Moderate to severe irritant.

**Serious Eye Damage/Irritation**

Moderate to severe irritant.

**STOT (Specific Target Organ Toxicity) - Single Exposure**

**Inhalation**

No hazard under normal conditions of use. Inhalation of mist or vapours formed at high temperatures or on mixing may cause respiratory irritation.

**Skin Absorption**

No information was located.

**Ingestion**

If large amounts are swallowed irritation of the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

**Aspiration Hazard**

Not known to be an aspiration hazard.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

Not known to be a respiratory sensitizer.

Not known to be a skin sensitizer.

**Carcinogenicity**

Not a carcinogen.

No information was located for: Development of Offspring, Sexual Function and Fertility, Effects on or via Lactation, Germ Cell Mutagenicity, Interactive Effects

**SECTION 12. ECOLOGICAL INFORMATION**

This section is not required by WHMIS.

This section is not required by OSHA HCS 2012.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

Dispose of in accordance with municipal, provincial/state or federal regulations.

**SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

**Special Precautions** Not applicable

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

Not applicable

**Other Information** Not regulated under IMDG Code.

**SECTION 15. REGULATORY INFORMATION**

**Safety, Health and Environmental Regulations**

**Canada**

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## 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.

#### Additional USA Regulatory Lists

CERCLA: Not applicable.

SARA Title III - Section 302: Not applicable.

SARA Title III - Section 313: Not applicable.

California Proposition 65: Not applicable.

Massachusetts Right To Know: Not applicable.

New Jersey Right To Know. (Tetrasodium pyrophosphate)

Pennsylvania Right To Know. (Tetrasodium pyrophosphate)

## SECTION 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 1</b>	<b>Flammability - 0</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	Regulatory Compliance		
<b>Phone No.</b>	800.201.9486		
<b>Date of Preparation</b>	January 03, 2019		
<b>Key to Abbreviations</b>	ACGIH® = American Conference of Governmental Industrial Hygienists CANUTEC = Canadian Transportation Emergency Centre CAS = Chemical Abstract Services CCOHS = Canadian Centre for Occupational Health & Safety CNS = Central nervous system GESTIS Substance Database HSDB® = Hazardous Substances Data Bank IARC = International Agency for Research on Cancer ICAO = International Civil Aviation Organization IMDG = International Maritime Dangerous Goods Code LC = Lethal concentration LD = Lethal dose NFPA = National Fire Protection Association NTP = National Toxicology Program OSHA = US Occupational Safety and Health Administration PPM = Parts per million RTECS® = Registry of Toxic Effects of Chemical Substances STEL = Short term exposure limit TDG = Transportation of Dangerous Goods Regulations (Canada) TWA = Time weighted average		
<b>References</b>	Material Safety Data Sheet from manufacturer. CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS). ECHA - European Chemical Agency, Classification and Labelling Inventory GESTIS Substance Database OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2015.		
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use of or reliance on any information contained herein.

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