



Safety Data Sheet

Multi-purpose Cleaner

SECTION 1. IDENTIFICATION

Product Identifier	Multi-purpose Cleaner
Part number	TNDS8412
Product Family	Aqueous solution
Recommended Use	Cleaner.
Restrictions on Use	None known.
Manufacturer	Shrader Canada Limited 830 Progress Court Oakville, Ontario Canada L6L 6K1 +1.905.847.0222
Emergency Phone No.	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.
Continue rinsing.

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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, actual concentration is confidential.

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

Personal Precautions, Protective Equipment, and Emergency Procedures

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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)
Boiling Range	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not applicable

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

LC50 (Inhalation)

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

LD50 (Oral)

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

LD50 (Dermal)

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 International Maritime Organization Instruments

Not applicable

Other Information Not regulated under IMDG Code.

SECTION 15. REGULATORY INFORMATION

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Safety, Health and Environmental Regulations

Canada

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

NFPA Rating **Health - 1** **Flammability - 0** **Instability - 0**

SDS Prepared By Regulatory Compliance

Phone No. 800.201.9486

Date of Preparation March 02, 2022

Key to Abbreviations 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

References 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.

Disclaimer

The information contained herein is offered only as a guide to the use and handling of this specific material and has been prepared in good faith. It is not intended to be all-inclusive, and the manner and conditions of use and handling may involve other and additional

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considerations. No warranty of any kind is given or implied. Shrader Canada Limited will not be liable for any damages, losses, injuries or consequential damages which may result from the use of or reliance on any information contained herein.

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