

## Tub Surround & Tile Cleaner

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Tub Surround & Tile Cleaner
<b>Other Means of Identification</b>	N/A
<b>Recommended Use</b>	For general cleaning.
<b>Restrictions on Use</b>	Not for use on natural stones such as marble, granite or limestone.
<b>Manufacturer/Supplier Identifier</b>	R&D Technical Solutions Ltd., 7000 Davand Drive, Mississauga, ON, L5T 1J5, 905-795-9900, www.rdsolutions.ca
<b>Emergency Phone No.</b>	CANUTEC, 1-613-996-6666, 24 HR
<b>Date of Preparation</b>	January 17, 2018

### SECTION 2. HAZARD IDENTIFICATION

**Classification**

Eye irritation - Category 2

**Label Elements**



Danger

Hazard Statement(s):

H319 Causes serious eye irritation.

Precautionary Statement(s):

P280 Wear eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/attention.

Storage:

P402 + P404 Store in a dry place. Store in a closed container.

Disposal:

P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

**Other Hazards**

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Propylene glycol methyl ether (alpha isomer; commercial mixture)	107-98-2	5.0 - 10.0		

Product Identifier: Tub Surround & Tile Cleaner - Ver. 1

Date of Preparation: January 17, 2018

Date of Last Revision: December 18, 2024

Fatty acids, C8-18 and C18-unsatd., compds. with diisopropanolamine	68855-69-6	0 - 1.0		
ethoxylated alcohol	Proprietary	0 - 1.0		
Alkyl, (C8, C10), polyglycosides, solutions, liquids	68515-73-1	0 - 1.0		

**Notes**

Any concentration shown as a range is to protect confidentiality or due to batch variations.

**SECTION 4. FIRST-AID MEASURES**

**First-aid Measures**

**Inhalation**

Get medical advice or attention if you feel unwell or are concerned.

**Skin Contact**

Rinse with lukewarm, gently flowing water for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

**Eye Contact**

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. Remove contact lenses, if present, after the initial 1-2 minutes and continue flushing for several additional minutes. If eye irritation persists, get medical advice or attention.

**Ingestion**

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

**Most Important Symptoms and Effects, Acute and Delayed**

If on skin: may cause very mild irritation. If swallowed: can irritate the mouth, throat and stomach.

**Immediate Medical Attention and Special Treatment**

**Target Organs**

This product is unlikely to target specific organs. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

**Special Instructions**

Not applicable.

**Medical Conditions Aggravated by Exposure**

None known.

**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**

Not applicable.

**Specific Hazards Arising from the Product**

This product presents no unusual hazards in a fire situation. Not known to generate any hazardous decomposition products in a fire.

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

No special precautions are necessary. Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

## Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

No special clean-up methods are necessary.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

No special handling precautions are necessary.

### Conditions for Safe Storage

No special requirements for storage area.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Propylene glycol methyl ether (alpha isomer; commercial mixture)	50 ppm	100 ppm				

Consult local authorities for provincial or state exposure limits.

### Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

#### Skin Protection

For best hygiene practices, safety goggles and gloves should be worn.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Colourless - yellowish liquid. Particle Size: Not applicable
<b>Odour</b>	faint
<b>Odour Threshold</b>	Not available
<b>pH</b>	Neutral
<b>Melting Point/Freezing Point</b>	Not available (melting); ~ 0 °C (32 °F) (freezing)
<b>Initial Boiling Point/Range</b>	~ 100 °C (212 °F)
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<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>	0.999

Product Identifier: Tub Surround & Tile Cleaner - Ver. 1

Date of Preparation: January 17, 2018

Date of Last Revision: December 18, 2024

<b>Solubility</b>	Soluble in all proportions in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); ~ 1 centipoises at 20 °C (68 °F) (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Molecular Formula</b>	Not available
<b>Molecular Weight</b>	Not available
<b>Bulk Density</b>	Not available
<b>Surface Tension</b>	Not available
<b>Critical Temperature</b>	Not available
<b>Electrical Conductivity</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available
<b>Saturated Vapour Concentration</b>	Not available
<b>VOC</b>	922 g/l-water

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Prolonged exposure to high temperatures.

### Incompatible Materials

Strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide), strong oxidizing agents (e.g. perchloric acid).

### Hazardous Decomposition Products

Can include, but not limited to: very toxic carbon monoxide, carbon dioxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

No data for the product itself.

### Likely Routes of Exposure

Skin contact; eye contact; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Propylene glycol methyl ether (alpha isomer; commercial mixture)	Not available	5051 mg/kg (rat)	> 13,131.0 mg/kg (rabbit)
Fatty acids, C8-18 and C18-unsatd., compds. with diisopropanolamine		> 15000 mg/kg	> 39000 mg/kg

Based on available data, the classification criteria are not met.

Product Identifier: Tub Surround & Tile Cleaner - Ver. 1

Date of Preparation: January 17, 2018

Date of Last Revision: December 18, 2024

Page 04 of 07

**Skin Corrosion/Irritation**

There is limited evidence of very mild irritation.

**Serious Eye Damage/Irritation**

May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

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

At high concentrations may cause nose and throat irritation.

**Skin Absorption**

No information was located.

**Ingestion**

Not harmful based on limited evidence.

**Aspiration Hazard**

Not known to be an aspiration hazard.

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

May cause effects similar to STOT (Specific Target Organ Toxicity) - Single Exposure, as described above.

**Respiratory and/or Skin Sensitization**

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

**Carcinogenicity**

Not known to cause cancer.

**Reproductive Toxicity****Development of Offspring**

Not known to harm the unborn child.

**Sexual Function and Fertility**

Not known to cause effects on sexual function or fertility.

**Effects on or via Lactation**

Not known to cause effects on or via lactation.

**Germ Cell Mutagenicity**

Not known to be a mutagen.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION**

Material is practically non-toxic to aquatic organisms on an acute basis.

**Ecotoxicity**

This product is not expected to present an environmental hazard.

**Acute Aquatic Toxicity**

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Propylene glycol methyl ether (alpha isomer; commercial mixture)	>= 1000 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour; semi-static)		> 1000 mg/L (Pseudokirchneriella subcapitata (algae); static)	

**Persistence and Degradability**

No ingredient of this product or its degradation products is known to be highly persistent.

Product Identifier: Tub Surround & Tile Cleaner - Ver. 1

Date of Preparation: January 17, 2018

Date of Last Revision: December 18, 2024

Page 05 of 07

## Bioaccumulative Potential

This product and its degradation products are not expected to bioaccumulate.

## Mobility in Soil

If released into the environment, this product is expected to move rapidly through the soil, based on physical and chemical properties.

## Other Adverse Effects

There is no information available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

This section is not required by WHMIS 2015. The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.

## SECTION 14. TRANSPORT INFORMATION

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

**Special Precautions** Not applicable

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

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL or are not required to be listed.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

## SECTION 16. OTHER INFORMATION

<b>SDS Prepared By</b>	Compliance & Documentation Coordinator
<b>Phone No.</b>	905-795-9900
<b>Date of Preparation</b>	January 17, 2018
<b>Date of Last Revision</b>	December 18, 2024
<b>Revision Indicators</b>	The following SDS content was changed on December 18, 2024: Section 1. Identification SDS Logo. SECTION 2. HAZARD IDENTIFICATION; Classification; Label Elements. SECTION 11. TOXICOLOGICAL INFORMATION; Serious Eye Damage/Irritation.
<b>Key to Abbreviations</b>	IARC = International Agency for Research on Cancer NIOSH = National Institute for Occupational Safety and Health OSHA = US Occupational Safety and Health Administration
<b>References</b>	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Accelrys, Inc. Available from Canadian Centre for Occupational Health and Safety (CCOHS).
<b>Disclaimer</b>	It is the responsibility of the user to review all information regarding this and associated materials, dependent upon manufacturing circumstances and related processes. To the best of our knowledge, all information and recommendations in this publication are accurate (to the

Product Identifier: Tub Surround & Tile Cleaner - Ver. 1

Date of Preparation: January 17, 2018

Date of Last Revision: December 18, 2024

Page 06 of 07

date of publication). THE INFORMATION CONTAINED HEREIN CANNOT BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

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Product Identifier: Tub Surround & Tile Cleaner - Ver. 1  
Date of Preparation: January 17, 2018  
Date of Last Revision: December 18, 2024

Page 07 of 07