

## U-974

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	U-974
<b>Other Means of Identification</b>	Cleaner-degreaser-disinfectant
<b>Other Identification</b>	DIN 00343471
<b>Product Family</b>	Concentrate to be diluted
<b>Recommended Use</b>	Hard surface disinfectant DIN NO. 00343471 Approved by Health Canada. Can be used as disinfectant in hospitals, health care facilities, institutions/industry and food processing facilities.
<b>Restrictions on Use</b>	For industrial/professional use only.
<b>Manufacturer/Supplier Identifier</b>	Groupe Parall Inc. 3492 Av. François-Hughes Laval, Québec, H7L 5A9 Canada 450-687-6666 or/ou 1-800-661-6660 www.parall.ca
<b>Emergency Phone No.</b>	not available

### SECTION 2. HAZARD IDENTIFICATION

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

#### Classification

Skin irritation - Category 2; Serious eye damage - Category 1

#### Label Elements



This product is a sanitizer approved by Health Canada, WHMIS exempt. It was still classified according to the HPR for user needs. For more information on seeing the product label.

Signal Word:

Danger

Hazard Statement(s):

Causes skin irritation.

Causes serious eye damage.

Precautionary Statement(s):

Prevention:

Wash hands thoroughly after handling.

Wear eye protection/face protection.

Wear protective gloves.

Response:

IF ON SKIN: Wash with plenty of water.

If skin irritation occurs: Get medical advice or attention.

Take off contaminated clothing and wash it before reuse.

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 CENTRE or doctor.

Specific treatment (see supplemental first aid instruction on this label).

#### Other Hazards

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Sodium Metasilicate	6834-92-0	1-5	none	none
Alcohols, C12-15, ethoxylated	68131-39-5	1-5	none	none

#### Notes

Concentrations are expressed in % weight/weight.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing.

##### 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. If skin irritation occurs, get medical advice or attention.

##### Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.

##### Ingestion

Rinse mouth with water. 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.

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

If in eyes: symptoms include sore, red eyes, and tearing. If on skin: symptoms include slight redness and swelling. If swallowed: can irritate the mouth, throat and stomach. If inhaled: not expected.

#### Immediate Medical Attention and Special Treatment

##### Target Organs

No further relevant information available.

##### 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.

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### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Product

If heated, a pressure increase will occur and the container may burst.  
Not known to generate any hazardous decomposition products in a fire.

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

No special precautions are necessary.

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of split/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Concentrated product: contain and soak up spill with absorbent that does not react with spilled product. (sand, vermiculite, diatomaceous earth) place used absorbent into suitable, covered, labelled containers for disposal.

### Other Information

None other.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes. It's a good practice to wear safety glasses when manipulate chemical product. Prevent skin contact. Wash hands thoroughly after handling. General Hygiene: When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Take off all contaminated clothing and wash it before reuse. Keep the container tightly closed. Avoid inhaling vapours or fumes from this product.

### Conditions for Safe Storage

Store in the original, labelled, shipping container. Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL		AIHA® WEEL®	
	TWA	STEL [C]	TWA	Ceiling	8-hr TWA	Short-term TWA [C]
Sodium Metasilicate	Not established		Not established			
Alcohols, C12-15, ethoxylated	Not established	Not established	Not established			

Consult local authorities for provincial exposure limits.

### Appropriate Engineering Controls

General ventilation is usually adequate. Do not allow product to accumulate in the air in work or storage areas, or in confined spaces. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

### Individual Protection Measures

#### Eye/Face Protection

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

#### **Skin Protection**

Wear chemical resistant gloves. Wear protective work clothing.

#### **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>	Green. Particle Size: Not applicable
<b>Odour</b>	Citrus
<b>Odour Threshold</b>	Not available
<b>pH</b>	13.3
<b>Melting Point/Freezing Point</b>	Not applicable (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Relative Density (water = 1)</b>	1.071
<b>Solubility</b>	Miscible in any proportion 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); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Bulk Density</b>	Not applicable
<b>Surface Tension</b>	Not available
<b>Critical Temperature</b>	Not applicable
<b>Electrical Conductivity</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not applicable
<b>Saturated Vapour Concentration</b>	Not applicable

## **SECTION 10. STABILITY AND REACTIVITY**

### **Reactivity**

None known.

### **Chemical Stability**

Normally stable.

### **Possibility of Hazardous Reactions**

None expected under normal conditions of storage and use.

### **Conditions to Avoid**

High temperature and freezing can compromise the integrity or efficiency of the product. None under recommended

storage.

#### **Incompatible Materials**

Do not mix with any other detergent or other cleaner. Do not mix with acids or cationic materials.

Not corrosive to metals.

#### **Hazardous Decomposition Products**

Hazardous Decomposition will not occur. Thermal decomposition on burning may produce toxic gases. Very toxic carbon monoxide, carbon dioxide.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

#### **Likely Routes of Exposure**

Inhalation; skin contact; eye contact.

#### **Acute Toxicity**

<b>Chemical Name</b>	<b>LC50</b>	<b>LD50 (oral)</b>	<b>LD50 (dermal)</b>
Sodium Metasilicate	Not available	1153 mg/kg (rat)	Not available
Alcohols, C12-15, ethoxylated	Not available	> 5000 mg/kg (rat)	> 2000 mg/kg (rat)

Oral ATEmix = 59024 mg/kg

Dermal ATEmix = 83333 mg/kg

#### **Skin Corrosion/Irritation**

Direct skin contact may cause irritation.

#### **Serious Eye Damage/Irritation**

Avoid contact with eye Direct contact can cause serious eye damage.

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

##### **Inhalation**

Vapours and mist will irritate throat and respiratory system and cause coughing.

##### **Skin Absorption**

No information was located.

##### **Ingestion**

No information was located.

#### **Aspiration Hazard**

Not known to be an aspiration hazard.

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

No information available.

#### **Respiratory and/or Skin Sensitization**

No information available.

#### **Carcinogenicity**

No information was located.

#### **Reproductive Toxicity**

##### **Development of Offspring**

No information was located.

##### **Sexual Function and Fertility**

No information was located.

##### **Effects on or via Lactation**

No information was located.

#### **Germ Cell Mutagenicity**

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No information was located.

**Interactive Effects**

No information was located.

**Other Information**

ATE = Acute toxicity estimates.

Calculate by Canwrite function as per purple book GHC (chapter 3.1)

**SECTION 12. ECOLOGICAL INFORMATION**

Environmental information was not located.

**Ecotoxicity**

No information was located.

**Persistence and Degradability**

No information was located.

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

No information was located.

**Other Adverse Effects**

There is no information available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

Recycle and reuse product, if possible. Empty containers retain product residue. Follow label warnings even if container appears to be empty. Do not reuse empty containers. Dispose of or recycle empty containers through an approved waste management facility.

**SECTION 14. TRANSPORT INFORMATION**

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1903	CORROSIVE LIQUID DESINFECTANT, N.O.S, (ammonium quaternary compounds,)	8	III

**Special Precautions** Please note: Limited quantity 5L

**SECTION 15. REGULATORY INFORMATION**

**Safety, Health and Environmental Regulations**

This product is a sanitizer approved by Health Canada, WHMIS exempt. It was still classified according to the RPD for user needs. For more information on seeing the product label.

**SECTION 16. OTHER INFORMATION**

**NFPA Rating** Health - 3 Flammability - 0 Instability - 0

**SDS Prepared By** Groupe Parall Inc. Technical services

**Phone No.** 450-687-6666

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**Key to Abbreviations**

LC 50 = Letal concentration  
LD 50 = Letal dose

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PEL= Permissible exposure limit. (OSHA HCS limit)  
TLV = Threshold Limit Value (ACGIH limit)  
TWA = Time-Weighted Average  
STEL [C] = Short Term Exposure Limit [ceiling]  
OSHA = Occupational Safety and Health Administration (United States)  
ACGIH® - American Conference of Governmental Industrial Hygienists  
AIHA® = AIHA® Guideline Foundation  
HSDB® = Hazardous Substances Data Bank  
IARC = International Agency for Research on Cancer  
NIOSH = National Institute for Occupational Safety and Health  
NTP = National Toxicology Program  
RTECS® = Registry of Toxic Effects of Chemical Substances  
CNESST = Committee on Standards, Equity, Health and Safety at Work (Quebec)

## References

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).  
NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. 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). Revised 2015-04-14  
CNESST site: [www.csst.qc.ca/en/prevention/reptox](http://www.csst.qc.ca/en/prevention/reptox)  
Manufacturer datasheets.

## Disclaimer

The information in this safety data sheet are, to our knowledge, according to our information and belief, accurate at the date of publication. This information is provided as a guide for the safe handling, use, processing, storage, transportation, disposal and disposal of the product, and should not be considered as any guarantee or quality standard. 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.

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