

## IMPAK

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	IMPAK
<b>Other Means of Identification</b>	Cream cleanser
<b>Product Family</b>	Ready to use or to be diluted
<b>Recommended Use</b>	Stainless steel, procelain, ceramic and chrome shiner.
<b>Restrictions on Use</b>	For industrial/professional use only.
<b>Manufacturer/Supplier Identifier</b>	Groupe Sanico 22 rue St-André Saint-Rémi, QC J0L 2L0 Canada 450-992-7273

**Emergency Phone No.** not available

### SECTION 2. HAZARD IDENTIFICATION

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

#### Classification

Corrosive to metals - Category 1; Acute toxicity (Oral) - Category 5; Skin corrosion - Category 1; Serious eye damage - Category 1

#### Label Elements



Signal Word:

Danger

Hazard Statement(s):

May be corrosive to metals.

Causes severe skin burns and eye damage.

May be harmful if swallowed.

Precautionary Statement(s):

Prevention:

Keep only in original container.

Do not breathe dusts or mists.

Wash hands thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Absorb spillage to prevent material damage.

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Immediately call a POISON CENTRE or doctor.

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IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

Immediately call a POISON CENTRE or doctor.

Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Immediately call a POISON CENTRE or doctor.

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.

Storage:

Store locked up. Store in a place for staff only.

Store in corrosion resistant container with a resistant inner liner.

Disposal:

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
Citric acid	77-92-9	7-13	none	Anhydrous citric acid
Phosphoric acid	7664-38-2	3-7	none	Orthophosphoric acid
Dipropylene glycol monomethyl ether	34590-94-8	1-5	none	Glycol ether DPM
Alcohols, C12-15, ethoxylated	68131-39-5	1-5	none	none
METHYL SALICYLATE	119-36-8	0.1-1	none	Wintergreen oil

#### Notes

Concentrations are expressed in % weight/weight.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing. Immediately call a Poison Centre or doctor.

##### Skin Contact

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately rinse skin with lukewarm, gently flowing water for at least 30 minutes. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. Get medical attention if irritation persists.

##### Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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.

##### Ingestion

Rinse mouth with water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Immediately call a Poison Centre or doctor.

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

If in eyes: may cause moderate to severe irritation. Large amounts contact causes severe burns with redness, swelling, pain and blurred vision. Permanent damage including blindness can result.

If inhaled: at high concentrations symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest.

If on skin: repeated or prolonged exposure can irritate or burn the skin.

If swallowed: at high concentrations symptoms may include nausea, vomiting, stomach cramps and diarrhea.

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## 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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Product

In a fire, the following hazardous materials may be generated: corrosive phosphorous oxides. , can react with metals to release flammable hydrogen.

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

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

No further information are available.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet. , respiratory protective equipment, protective clothing, gloves and safety glasses.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Contain spilled material to prevent contamination of the environment. Keep away from sewers and all water surfaces. Small spills should be removed and wiped and reused as much as possible. Absorb larger amounts with vermiculite or other absorbent and dispose of with industrial waste.

### Other Information

None other.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

When handling concentrated product: 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. Wash hands thoroughly after handling. Do not get in eyes, on skin or on clothing. Wear protective gloves, glasses and clothes.

### Conditions for Safe Storage

Keep away from heat and frost. Store separate from incompatible materials: strong bases (e.g. sodium hydroxide) halogens (e.g. chlorine), metals (e.g. aluminum), strong oxidizing agents (e.g. perchloric acid).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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## Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL		AIHA® WEEL®	
	TWA	STEL [C]	TWA	Ceiling	8-hr TWA	Short-term TWA [C]
Citric acid	Not established		Not established			
Phosphoric acid	1 mg/m3	3 mg/m3	1 mg/m3			
Dipropylene glycol monomethyl ether	100 ppm Skin	150 ppm Skin	100 ppm Skin			
METHYL SALICYLATE			Not established			
Alcohols, C12-15, ethoxylated	Not established	Not established	Not established			

Resources:

THRESHOLD LIMIT VALUES (TLVs®) / AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH®) / 2018 via CHEMINFO (Exposure Controls/Personal Protection), provided by CCOHS, Canadian Centre of Occupational Health & Safety.

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Wear chemical resistant gloves.

Glove resistant to chemicals. The glove supplier may recommend appropriate gloves.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear blue - green liquid.
Odour	Softner
Odour Threshold	Not applicable
pH	1.5
Melting Point/Freezing Point	Not applicable (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not applicable
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	5 mm Hg
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.071
Solubility	Miscible in any proportion in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not applicable
Auto-ignition Temperature	Not applicable

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**Decomposition Temperature** Not available  
**Viscosity** Not available (kinematic); Not available (dynamic)

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Freezing.

### Incompatible Materials

Highly reactive. Strong bases (e.g. sodium hydroxide). Do not mix with any other detergent or other cleaner. Halogens (e.g. chlorine), metals (e.g. aluminum), strong oxidizing agents (e.g. perchloric acid). Aluminum, zinc, tin. And alloys.

### Hazardous Decomposition Products

In a fire, the following hazardous materials may be generated: corrosive phosphorous oxides. , can react with metals to release flammable hydrogen.

## SECTION 11. TOXICOLOGICAL INFORMATION

ATE = Acute toxicity estimates. Calculate by Canwrite function.

### Likely Routes of Exposure

Skin contact; eye contact; inhalation; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Citric acid	Not available	5000 mg/kg (rat)	Not available
Phosphoric acid	> 213 mg/m <sup>3</sup> (rat) (4-hour exposure)	1530 mg/kg (rat)	2740 mg/kg (rabbit)
Dipropylene glycol monomethyl ether	Not available	5120 mg/kg	9480 mg/kg
METHYL SALICYLATE		887 mg/kg (rat)	
Alcohols, C12-15, ethoxylated	Not available	> 5000 mg/kg (rat)	> 2000 mg/kg (rat)

Inhalation ATE<sub>mix</sub> = 9265mg/L (4-hour exposure) (vapour)

Oral ATE<sub>mix</sub> = 15546mg/kg

Dermal ATE<sub>mix</sub> = 36764mg/kg

### Skin Corrosion/Irritation

May burn the skin. Permanent scarring may result.

### Serious Eye Damage/Irritation

Causes serious eye damage.

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

#### Inhalation

Vapours and mist will irritate throat and respiratory system and cause coughing. At high concentrations nose and throat irritation.

#### Skin Absorption

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Symptoms may include redness, rash, swelling and itching.

#### **Ingestion**

Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

#### **Aspiration Hazard**

Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing, and wheezing.

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

No information was located.

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

No information was located.

#### **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**

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) Sources for toxicity values:

-RTECS® is provided quarterly by BIOVIA, and was last updated: September, 2018.

-CHEMINFO (Toxicological information)

## **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**

This product may affect the acidity of the water, with a risk of harmful effects to aquatic organisms.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal Methods**

Recycle and reuse product, if possible. The container can be recycle if it dry and clean. Dispose of contents and container in accordance with local, regional, national and international regulations.

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## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1760	Corrosive liquid N.O.S (Phosphoric acid)	8	III

**Special Precautions** Please note: In accordance with TDG exemption 1.17 Exemption for limited quantities. Limited quantity 5L

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

## SECTION 16. OTHER INFORMATION

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

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

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#### Key to Abbreviations

LC 50 = Létal concentration  
LD 50 = Létal dose  
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).  
Manufacturer datasheets  
CNESST site: [www.csst.qc.ca/en/prevention/reptox](http://www.csst.qc.ca/en/prevention/reptox).

#### 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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