



SAFETY DATA SHEET

Imperial Manufacturing Group

Imperial Glass and Masonry Cleaner

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier:

Product Name

Imperial Glass and Masonry Cleaner.

Other Identification Means:

Synonyms

KK0334-A Canada

KK0330-A USA

Use of Substance/Preparation and Restrictions:

Recommended Use:

Fireplace and Glass Cleaner

Uses Advised Against:

No information available

SDS Supplier Details:

Company Name:

Imperial Manufacturing Group

Company Identification:

40 Industrial Park Road,
Richibucto, New Brunswick, Canada.
E4W 4A4

www.imperialgroup.ca

Company Emergency Telephone Number

Canutec (613) 996-6666 (Collect)

2. HAZARDS IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian WHMIS 2015. This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product. This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

Classification:

This product is considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CER 1910.1200) and WHMIS 2015.

GHS Label Elements, including precautionary statement:

Emergency Overview:

The product contains no substances which at given concentration, are considered to be hazardous to health.

Appearance: Colourless

Physical State: Liquid

Odour: Typical

Label Elements

GHS Labeling

Skin Corrosion/Irritation Category 2 H315

Serious Eye Damage/Eye Irritation Category 2A H319

Hazard Pictograms (GHS):



Imperial Manufacturing Group
Imperial Glass and Masonry Cleaner
Issuing Date: February 15, 2021



Signal Word (GHS): Warning

Hazard Statements (GHS):

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary Statements (GHS) - Prevention:

P264: Wash hands thoroughly after handling.

Precautionary Statements (GHS) - Response:

P302+P352 IF ON SKIN: Wash with plenty of water.

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

P337+P313: If eye irritation persists: Get medical advice/attention.

Precautionary Statements (GHS) - Storage:

None

Precautionary Statements (GHS) - Disposal:

P501 Dispose of contents/container in accordance with local regulations.

Hazards not otherwise classified (HNOC):

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description:

Chemical

Ingredient	CAS #	% by Wt	Trade Secret
Alcohols, C9-11, Ethoxylated	68439-46-3	1-10	*
Methoxypropoxypropanol	34590-94-8	1-10	*
Isopropyl Alcohol	67-63-0	1-10	*
Potassium Hydroxide	1310-58-3	1-10	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.



Imperial Manufacturing Group

Imperial Glass and Masonry Cleaner

Issuing Date: February 15, 2021

4. FIRST AID MEASURES

First Aid Measures:

Eye Contact:	Remove contacts. Flush with water for at several minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid if you feel unwell.
Notes to Physician:	Treatment based on judgement of attending physician.
Most Important symptoms and effects, both acute and delayed:	Skin contact may cause irritation with redness and swelling. Eye contact may cause irritation with redness and tearing.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Flood with water for extinguishing agent. CO ₂ , dry chemical, alcohol resistant foam
Unsuitable Extinguishing Media	Water Jet.
Specific Exposure Hazards	Decomposing products may include: CO and CO ₂ .
Hazardous Combustion Products	Carbon Oxides.
<u>Explosion Data:</u>	
Sensitivity to Mechanical Impact:	None.
Sensitivity to Static Discharge:	None.
Special safety equipment:	Self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

General Measures:	Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk-through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. Prevent product from entering drains. Prevent entry into waterways, sewers, basements, or confined areas.
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Environmental Precautions:

Environmental Precautions:	Prevent entry to sewers and public waters.
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Methods and Material for Containment and Cleaning Up:

Method for Containment:	Contain any spills with dikes to prevent migration and entry into sewers or streams.
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Imperial Manufacturing Group

Imperial Glass and Masonry Cleaner

Issuing Date: February 15, 2021

Methods for Cleaning Up: Stop leak if safe to do so without risk. Absorb with synthetic or natural absorbent and dispose in a container.

Procedures for Non-Emergency Personnel:

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

Procedures for Emergency Personnel:

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Reference to Other Sections: See Heading 8. Exposure Controls and Personal Protection.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Handling: Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Use only with adequate ventilation. Wash hands thoroughly after handling.

Information about fire and explosion protection: No special measures required.

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: Store in a dry, cool, and well-ventilated area. Keep containers tightly closed. Keep away from incompatible materials.

Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Exposure Guidelines Potassium Hydroxide (CAS# 1310-58-3) ACGIH Ceiling (mg/m³) 2 mg/m³
Isopropyl Alcohol (2-Propanol) (CAS #67-63-0) ACGIH TWA (ppm) 200 ppm.

Appropriate Engineering Controls:

Engineering Measures Showers. Eyewash Stations. Ventilation Systems.

Individual Protection Measures:

Eye protection: Safety goggles.



Imperial Manufacturing Group

Imperial Glass and Masonry Cleaner

Issuing Date: February 15, 2021

Skin protection: Use body-covering impervious clothing.

Hand protection: Chemical resistant gloves.

Respiratory protection: Use local exhaust or dilution ventilation.

Working hygiene: Take usual precautions when handling. Workers should wash hands before eating, drinking, or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid.	Odour	Typical
Appearance	Water like	Odour Threshold	No information available.
Colour	Colourless		

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
pH	13.85	None known
Melting/Freezing Point	No data available	None known
Boiling Point/Range	Not data available	None known
Flash Point	> 62 °C	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air:		
Upper Limit	No data available	None known
Lower Limit	No data available	None known
Vapour Pressure	No data available	None known
Vapour density	No data available	None known
Specific Gravity	1.016 g/cc	
Water Solubility	Soluble in water.	None known
Solubility Other Solvents	No data available	None known
Partition Coefficient:		
n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition	No data available	None known
Temperature		
Kinematic Viscosity	No data available	None known
Dynamic Viscosity	35 (28-42)	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known

Other Properties:

Softening Point	No data available
VOC Content %	No data available
Particle Size	No data available
Particle Size Distribution	No data available



Imperial Manufacturing Group
Imperial Glass and Masonry Cleaner
Issuing Date: February 15, 2021

10. STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under recommended storage conditions
Possibility of Hazardous Reactions:	None under normal processing
Hazardous Polymerization:	Does not occur.
Conditions to avoid:	Incompatible agents
Incompatible materials:	Oxidizing agents, acids.
Hazardous Decomposition Products:	Carbon oxides.
Thermal Decomposition / Conditions to be avoided:	Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: **X Inhalation X Skin Contact X Eye Contact X Ingestion**

Product Information:

Inhalation	Specific test data for substance/mixture not available
Eye Contact	Slight irritation
Skin Contact	Specific test data for substance/mixture not available
Ingestion	Specific test data for substance/mixture not available

Component Information:

LC50 (Inhalation)

Isopropyl Alcohol CAS#67-63-0: >10000 ppm, 6hr vapour, (Rat)

Methoxypropoxypropanol CAS# 34590-94-8: 55-60 mg/l, (Rat)

LD50 (Oral)

Potassium Hydroxide CAS# 1310-58-3: 333 mg/kg, (Rat)

Methoxypropoxypropanol CAS# 34590-94-8: >5000 mg/kg, (Rat)

Isopropyl Alcohol CAS#67-63-0: 5840 mg/kg, (Rat)

LD50 (Dermal)

Methoxypropoxypropanol CAS# 34590-94-8: >5000 mg/kg, (Rabbit)

Skin Corrosion / Irritation: May cause skin irritation with redness and swelling.

Serious Eye Damage / Irritation: May cause eye irritation with redness and tearing.

Information on Toxicological Effects:

Symptoms	None known
Delayed/Immediate/Chronic Effects from short- and long-term exposure:	
Sensitization	None known
Mutagenic Effects	None known
Carcinogenicity	None known
Reproductive Toxicity	None known
STOT- Single Exposure	None known
STOT Repeated exposure	None known
Chronic Toxicity	None known
Target Organ Effects	None Known
Numerical Measures of Toxicity (based on GHS Chapter 3.1)	Not applicable



Imperial Manufacturing Group
Imperial Glass and Masonry Cleaner
Issuing Date: February 15, 2021

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not classified
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available.
Other Adverse Effects	Not available.
Other Information:	Avoid release to the environment

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Disposal Methods

Contaminated Packaging: California Hazardous Waste Codes

Ecology – Waste Materials:

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste. If chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Dispose of contents/containers in accordance with local regulations.

Not available.

Avoid release to the environment.

14. TRANSPORT INFORMATION

Canadian T.D.G.: Not Regulated Material

US DOT: Not Regulated material

Water Transportation (IMDG): Not Regulated Material

Air Transportation (IATA): Not Regulated Material

15. REGULATORY INFORMATION

International Inventories:

TSCA

Complies

DSL

All components are listed either on the DSL or NDSL

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List.

Canadian Regulations:

Canadian WHMIS Classification: D2B

Health Canada DIN: Not applicable.

Canadian DSL: Appears.

US State Regulations:

California Proposition 65



Imperial Manufacturing Group

Imperial Glass and Masonry Cleaner

Issuing Date: February 15, 2021

This product does not contain any chemicals known by the state of California to cause cancer, birth defects, or any reproductive harm.

	Health Hazard	Flammability	Instability	Physical Hazard	Physical and Chemical Hazards – Personal Protections
NFPA	2	0	0	n/a	X
HMIS	2	0	n/a	0	B

HMIS III Rating

Health: 2 Hazard

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

16. OTHER INFORMATION

Prepared By: Technical Department

Issuing Date: February 15, 2021

Revision Date: None

Revision Note: None

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. 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.

End of Safety Data Sheet