



SECTION 1 - IDENTIFICATION

Product identifier/Trade name: IMPACT GLASS AND MULTI-SURFACE CLEANER
Other means of identification: WRBI
Recommended use and restriction on use: Ready to use window cleaner.
Restriction on use: For industrial, institutional and food plants use only.
Initial supplier identifier: Safeblend (Chemotec).
5800 ONTARIO E.
MONTRÉAL, QC H1N 0A2
Phone: (514) 729-6321; 1-800-729-6321
Emergency phone number: 1-800-729-6321
(Available from 8:00am to 4:30pm Monday to Friday)

SECTION 2 - HAZARDS IDENTIFICATION

2a GHS (Globally Harmonized System) classification

This product is classified as:
Flammable liquid — category 3

2b Label elements



Pictogram:

Signal word

Warning

Hazard statements

Flammable liquid and vapour.

Precautionary statements:

Keep away from heat/ hot surfaces/sparks/open flames and other ignition sources. No smoking. Keep container tightly closed.

Wear protective gloves and eye protection.

IN CASE OF FIRE: Use CO₂, powder, or water spray to extinguish.

IF ON SKIN: Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water.

Store in a well-ventilated place. Keep cool.

Dispose of contents and container in accordance with local, provincial, and federal regulations.



SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (weight)	GHS CLASSIFICATION
Isopropyl alcohol	67-63-0	1-5	Flammable liquid, Category 3 Eye damage/Irritation, Category 2 Specific target organ toxicity (single exposure) Category 3.

The actual concentrations are withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

4a Description of first aid measures

Eye contact:

Flush or rinse eyes with water after contact. If eye irritation persists, get medical advice.

Skin contact:

Rinse thoroughly with water. If irritation occurs, get medical advice.

Inhalation:

Remove person to fresh air. If irritation develops, get medical advice.

Ingestion:

Wash out mouth with water. In case of ingestion, if person is conscious, give plenty of water to dilute product. Stop if person is unwell as vomiting may be dangerous. Do not induce vomiting unless told to do so by medical personnel.

4b Most important symptoms and effects

The most important known symptoms and effects are described in the labelling (section 2b) and/or in section 11.

4c Immediate medical attention and special treatment needed.

No special treatment

SECTION 5 - FIRE FIGHTING MEASURES

5a Extinguishing media.

Suitable extinguishing media:

Water (if possible, avoid powerful jets), foam, dry chemicals, carbon dioxide. The product itself is not flammable.

Unsuitable extinguishing media:

None known.

Specific hazards for product

Hazardous combustion products:

Oxides of carbon, nitrogen, and other irritating gases.

Special protective equipment and precautions for firefighters

Special fire-fighting procedures/equipment:

During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating products produced during the combustion. Move containers from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam.



SECTION 6 - ACCIDENTAL RELEASE MEASURES

6a Personal precautions, protective equipment, and emergency procedures

Personal protection:

Avoid contact with eyes. The floor will be slippery in case of a spill. Use appropriate personal protection equipment (see section 8)

6b Methods and materials for containment and cleaning:

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material. Resume cleaning by rinsing with water. Caution: floors will be slippery.

6c Environmental precautions:

Product is biodegradable. Do not let large quantities go to the sewers.

SECTION 7 - HANDLING AND STORAGE

7a Precautions for safe handling:

Avoid contact with eyes. When used as directed, no special precautions.

7b Condition for safe storage:

Store in a sealed container in a well-ventilated place. Do not store food products. Keep from freezing.

7c Special packaging materials: none.

No incompatibility with most materials found in most workplaces.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8a Control parameters

	Ontario Time-weighted Average Limit (TWA)	Ontario Short-Term Exposure Limit (STEL)	Notations
Isopropyl alcohol	400 ppm	500 ppm	

8b Engineering controls:

Not required under normal applications.

8c Individual protection measures

Respiratory Protection:

Not required under normal applications.

Skin protection and other protective equipment:

Waterproof boots for large spills. In case of prolonged contact or for people with sensitive skin, we recommend wearing gloves.

Eye / face protection:

Wear eye protection.

General hygiene considerations:

KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. Never eat, drink, or smoke in work areas.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	Liquid
Colour	Blue
Odour	No fragrance
Melting point and freezing point	Approximately 0 °C
Boiling point:	Approximately 100 °C
Flammability	N/A
Lower and upper flammability limit	N/A
Flash point	None to boil
Auto-ignition temperature	N/A
Decomposition temperature	N/A
pH	Approximately 11
Viscosity:	<100 cps @ 24 °C
Solubility in water:	Miscible
Partition coefficient – n-octanol/water	N/A
Vapour pressure (mm Hg)	Approximately 20 (water)
Specific gravity or density (water = 1 at 4 °C):	1.0 g/cm ³ @ 20 °C
Relative vapour density	Approximately 0.6 (water)
Particle characteristics	N/A

SECTION 10 - STABILITY AND REACTIVITY**10a Reactivity:**

Not applicable when used as directed. It is incompatible with some materials, see below.

10b Chemical stability:

Stable at room temperature, in normal handling and storage conditions. Avoid heat/ hot surfaces/sparks/open flames and other ignition sources.

10c Possibility of hazardous reactions:

May react with strong oxidizing agents.

10d Conditions to avoid:

Avoid contact with strong oxidizers.

10e Incompatible materials

Strong oxidizers.

10f Hazardous decomposition products:

With strong oxidizers: heat, water vapour, possibility of fire.

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary entry route(s): Eye and ingestion.

Eye: May irritate eyes.

Skin: May cause slight skin irritation, defatting.

Inhalation: EXPOSURE TO HIGH CONCENTRATIONS to isopropyl alcohol: Coughing. Dry/sore throat. Central nervous system depression. Dizziness. Headache. Narcosis.



Ingestion: AFTER ABSORPTION OF LARGE QUANTITIES of isopropyl alcohol: Central nervous system depression. Headache. Dilation of the blood vessels. Low arterial pressure. Nausea. Vomiting. Abdominal pain. Disturbed motor response. Disturbances of consciousness.

Carcinogenicity: No ingredient listed by IARC as a possible carcinogen above the threshold of 0.1%

Teratogenicity, mutagenicity, other reproductive effects: No applicable information found.

Skin sensitization: Ingredients not sensitizing

Respiratory tract sensitization: Not available

Synergistic materials: Not available

Other important hazards: Not available

Toxicological data: The calculated LD₅₀ for this product is greater than 10,000 mg/Kg, oral, rat; our products are not tested on animals.

Ingredient	LD ₅₀ (route, species)	LC ₅₀ # hours (species)
Isopropyl alcohol	4710 mg/kg (oral, rat)	Not available

For more details, refer to Section 3.

SECTION 12 - ECOLOGICAL INFORMATION

12a Ecotoxicity:

TOXICITY (Fish)	Results	Exposure time	Method
Isopropyl alcohol	Pimephales promeleas 9640 mg/L	96H	Not available

TOXICITY (Daphnia)	Results	Exposure time	Method
Isopropyl alcohol	EC50 > 10000 mg/L	24H	Not available

TOXICITY (Algae)	Results	Exposure time	Method
Isopropyl alcohol	Scenedesmus quadricuada, toxicity threshold 1800 mg/L	72H	Not available

12b Persistence and degradability: Product is readily biodegradable based on the components.

12c Bioaccumulation potential: Not available

12d Mobility in soil: There is no test data on this product.

12e Other adverse effect: No applicable information found

SECTION 13 - DISPOSAL CONSIDERATIONS

Eliminate according to federal, provincial and local regulations.

For additional information, at the federal level,

see <http://www.ec.gc.ca/gdd-mw/default.asp?lang=En&n=39D0D04A-1>

In Alberta, see <http://esrd.alberta.ca/waste/hazardous-waste-management/default.aspx>

In B.C., see <http://www2.gov.bc.ca/gov/topic.page?id=DC31CEF84F634025839C66F7F80164E8>

In Manitoba, see <http://www.gov.mb.ca/conservation/eal/haz-waste/faq/index.html>

In New-Brunswick, see http://breaudisposal.nb.ca/breaudisposal/prohibited_waste.htm

In NFLD, see http://www.env.gov.nl.ca/env/env_protection/waste/



In Northwest territories, see <http://www.enr.gov.nt.ca/programs/hazardous-waste>
In Nova Scotia, see <http://novascotia.ca/snsmr/paal/nse/paal180.asp>
In Nunavut, see <http://www.nmto.ca/course/other-training/hazardous-waste-management>
In Ontario, see <https://www.ontario.ca/environment-and-energy/hazardous-waste-management-business-and-industry>
In PEI, see <http://www.gov.pe.ca/environment/hazardous-waste>
In Quebec, see <http://www.mddelcc.gouv.qc.ca/matieres/dangereux/>
In Saskatchewan, see <http://www.publications.gov.sk.ca/details.cfm?p=24515>
In Yukon, see http://www.env.gov.yk.ca/air-water-waste/special_waste_regs.php

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG) in Canada:	Not regulated
UN number	Not applicable
Proper shipping name:	Not applicable
Class:	Not applicable
Identification number:	Not applicable
Packing group:	Not applicable
Special case:	Not applicable

SECTION 15 - REGULATORY INFORMATION

In Canada

WHMIS information:

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR), and this safety data sheet (SDS) contains all the information required by the HPR.

WHMIS 2015 Classification: See section 2a.

CEPA information: Ingredients are listed on the DSL inventory.

SECTION 16 - OTHER INFORMATION

Date of latest revision: 2026-01-28

References:

1. Manufacturer'/suppliers' MSDS.
2. Occupational Exposure Limits for Ontario Workplaces required under Regulation 833.
3. International Agency for Research on Cancer Monographs
4. The European Chemicals Agency (ECHA) website.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
cps	Centipoises
DSL	Domestic Substance List
HMIS	Hazardous Material Information System
IARC	International Agency for Research on Cancer



LC	Lethal concentration
LD	Lethal Dosage
N/Av	Not available
N/Ap	Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
WHMIS	Workplace Hazardous Materials Information System

End of the SDS