

# SAFETY DATA SHEET

## WABO Concrete Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 10/06/2020
1.1	05/24/2022	000000298947	Date of first issue: 10/06/2020

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### SECTION 1. IDENTIFICATION

Product name : WABO Concrete Cleaner

Product code : 000000000050000632

Other means of identification : Part #2731J

#### Manufacturer or supplier's details

Company name of supplier : Watson Bowman Acme Corp.

Address : 95 Pineview Drive  
Amherst, NY 14228

Emergency telephone : ChemTel: +1-813-248-0585

National Emergency Telephone Number : Canada: 1-800-255-3924 ChemTel contract no. MIS9240420

#### Recommended use of the chemical and restrictions on use

Recommended use : Cleaning / surface preparation

Restrictions on use : Reserved for industrial and professional use.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the Hazardous Products Regulations

Flammable liquids : Category 2

Eye irritation : Category 2A

Specific target organ toxicity - single exposure : Category 3 (Central nervous system)

#### GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H225 Highly flammable liquid and vapor.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

Precautionary Statements : **Prevention:**  
P210 Keep away from heat/ sparks/ open flames/ hot surfaces.

# SAFETY DATA SHEET

## WABO Concrete Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 10/06/2020
1.1	05/24/2022	000000298947	Date of first issue: 10/06/2020

No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing mist or vapors.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ eye protection/ face protection.

### Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.  
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.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

### Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

May form explosive peroxides.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Alcohol

### Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
propan-2-ol	Isopropanol	67-63-0	>= 90 - <= 100

Actual concentration is withheld as a trade secret

## SECTION 4. FIRST AID MEASURES

General advice : First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and

# SAFETY DATA SHEET

## WABO Concrete Cleaner

Version 1.1	Revision Date: 05/24/2022	SDS Number: 000000298947	Date of last issue: 10/06/2020 Date of first issue: 10/06/2020
----------------	------------------------------	-----------------------------	---

transport in stable sideways position (recovery position).  
Immediately remove contaminated clothing.

If inhaled : Keep patient calm, remove to fresh air, seek medical attention.

In case of skin contact : Wash thoroughly with soap and water

In case of eye contact : Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Most important symptoms and effects, both acute and delayed : Causes serious eye irritation.  
May cause drowsiness or dizziness.

Notes to physician : Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam  
Fog  
Dry chemical  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : Water spray

Specific hazards during fire fighting : In case of fire, hazardous decomposition products may be produced such as:

Hazardous combustion products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

Further information : Evacuate area of all unnecessary personnel.  
Ignition and /or flash back possible.  
Containers may rocket or explode in heat of fire.  
If exposed to fire, keep containers cool by spraying with water.  
Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.  
Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.  
Contaminated extinguishing water must be disposed of in accordance with official regulations.

Special protective equipment for fire-fighters : Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

# SAFETY DATA SHEET

## WABO Concrete Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 10/06/2020
1.1	05/24/2022	000000298947	Date of first issue: 10/06/2020

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.  
Wear suitable protective clothing.  
Avoid contact with skin and eyes.  
Wind direction should be noted.  
Avoid all sources of ignition: heat, sparks, open flame.  
Use antistatic tools.  
No smoking.  
Avoid open flames.
- Environmental precautions : Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Use spark-proof tools and explosion-proof equipment.  
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Sources of ignition should be kept well clear.  
Take precautionary measures against static discharges.  
Prevent electrostatic charge accumulation.  
Substance/product can form explosive mixture with air.  
Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.
- Advice on safe handling : Open container with care, using adequate ventilation and avoid ignition sources.  
Take precautionary measures against static discharges.  
Avoid aerosol formation.  
Provide good room ventilation even at ground level (vapours are heavier than air).
- Further information on storage conditions : Keep container tightly closed and dry.  
Keep in a cool place.  
Protect against heat.  
Ensure good ventilation/exhaustion at the workplace.  
Keep container in a well-ventilated place.
- Materials to avoid : Segregate from foods and animal feeds.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
propan-2-ol	67-63-0	TWA	200 ppm 492 mg/m <sup>3</sup>	CA AB OEL
		STEL	400 ppm 984 mg/m <sup>3</sup>	CA AB OEL

# SAFETY DATA SHEET

## WABO Concrete Cleaner

Version 1.1      Revision Date: 05/24/2022      SDS Number: 000000298947      Date of last issue: 10/06/2020  
Date of first issue: 10/06/2020

		TWA	200 ppm	CA BC OEL
		STEL	400 ppm	CA BC OEL
		TWAEV	400 ppm 983 mg/m <sup>3</sup>	CA QC OEL
		STEV	500 ppm 1,230 mg/m <sup>3</sup>	CA QC OEL
		TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH

**Engineering measures** : Ensure adequate ventilation.  
Use explosion-proof electrical, ventilating and lighting equipment.

### Personal protective equipment

**Respiratory protection** : Wear appropriate certified respirator when exposure limits may be exceeded.  
Wear a NIOSH-certified (or equivalent) organic vapour respirator.

**Hand protection**

**Remarks** : Chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

**Eye protection** : Safety goggles

**Skin and body protection** : Anti-static protective clothing  
Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

**Protective measures** : Do not inhale gases/vapours/aerosols.  
Avoid contact with the skin, eyes and clothing.  
Handle in accordance with good building materials hygiene and safety practice.  
Wearing of closed work clothing is recommended.

**Hygiene measures** : When using, do not eat, drink or smoke.  
Hands and/or face should be washed before breaks and at the end of the shift.  
Gloves must be inspected regularly and prior to each use.  
Replace if necessary (e.g. pinhole leaks).

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : liquid

**Color** : clear

**Odor** : alcohol-like

# SAFETY DATA SHEET

## WABO Concrete Cleaner

Version 1.1	Revision Date: 05/24/2022	SDS Number: 000000298947	Date of last issue: 10/06/2020 Date of first issue: 10/06/2020
----------------	------------------------------	-----------------------------	---

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Odor Threshold	:	not determined
pH	:	neutral
Melting point	:	-88.5 °C Information taken from reference works and the literature.
Freezing point	:	-88.5 °C Information taken from reference works and the literature.
Boiling point	:	approx. 82 °C
Flash point	:	12 °C  Method: ASTM D 56
Evaporation rate	:	4 (Butyl Acetate=1.0)
Flammability (liquids)	:	Highly flammable liquid and vapor.
Upper explosion limit / Upper flammability limit	:	13 %(V)
Lower explosion limit / Lower flammability limit	:	2.0 %(V)
Vapor pressure	:	30 mmHg (20 °C)
Relative vapor density	:	2 (Air = 1.0)
Relative density	:	< 1.0
Density	:	approx. 0.79 g/cm <sup>3</sup> (20 °C) Information taken from reference works and the literature.
Solubility(ies)		
Water solubility	:	partly soluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	log Pow: 0.05 Information taken from reference works and the literature.
Autoignition temperature	:	399 °C Method: ASTM E 659
Decomposition temperature	:	not determined
Viscosity		
Viscosity, dynamic	:	2.1 mPa.s ( 25 °C) Information taken from reference works and the literature.

# SAFETY DATA SHEET

## WABO Concrete Cleaner

Version 1.1	Revision Date: 05/24/2022	SDS Number: 000000298947	Date of last issue: 10/06/2020 Date of first issue: 10/06/2020
----------------	------------------------------	-----------------------------	---

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Viscosity, kinematic	:	No data available
Explosive properties	:	Based on the chemical structure there is no indication of explosive properties.
Oxidizing properties	:	Based on its structural properties the product is not classified as oxidizing.
Sublimation point	:	No data available
Molecular weight	:	60.10 g/mol
Metal corrosion rate	:	No corrosive effect on metal.

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Stable under recommended storage conditions.
Chemical stability	:	May form explosive peroxides.
Possibility of hazardous reactions	:	Substance/product can form explosive mixture with air.
Conditions to avoid	:	Avoid all sources of ignition: heat, sparks, open flame. Avoid direct sunlight.
Incompatible materials	:	Aldehydes Amines caustics chlorinated products Strong oxidizing agents

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

#### Respiratory sensitization

Not classified based on available information.

# SAFETY DATA SHEET

## WABO Concrete Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 10/06/2020
1.1	05/24/2022	000000298947	Date of first issue: 10/06/2020

---

### **Germ cell mutagenicity**

Not classified based on available information.

### **Carcinogenicity**

Not classified based on available information.

### **Reproductive toxicity**

Not classified based on available information.

### **STOT-single exposure**

May cause drowsiness or dizziness.

### **STOT-repeated exposure**

Not classified based on available information.

### **Aspiration toxicity**

Not classified based on available information.

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## SECTION 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

#### **Product:**

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

### **Persistence and degradability**

#### **Product:**

Biodegradability : Remarks: Expected to be biodegradable

### **Bioaccumulative potential**

#### **Product:**

Bioaccumulation : Remarks: Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.

### **Mobility in soil**

No data available

### **Other adverse effects**

#### **Product:**

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.



# SAFETY DATA SHEET

## WABO Concrete Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 10/06/2020
1.1	05/24/2022	000000298947	Date of first issue: 10/06/2020

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

- Waste from residues : Dispose of in accordance with national, state and local regulations.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Do not discharge into drains/surface waters/groundwater.
- Contaminated packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

- UN number : UN 1219  
Proper shipping name : ISOPROPANOL  
Class : 3  
Packing group : II  
Labels : 3

##### IATA-DGR

- UN/ID No. : UN 1219  
Proper shipping name : Isopropanol  
Class : 3  
Packing group : II  
Labels : Flammable Liquids  
Packing instruction (cargo aircraft) : 364  
Packing instruction (passenger aircraft) : 353

##### IMDG-Code

- UN number : UN 1219  
Proper shipping name : ISOPROPANOL  
Class : 3  
Packing group : II  
Labels : 3  
EmS Code : F-E, S-D  
Marine pollutant : no

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### Domestic regulation

##### TDG

- UN number : UN 1219  
Proper shipping name : ISOPROPANOL  
Class : 3

# SAFETY DATA SHEET

## WABO Concrete Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 10/06/2020
1.1	05/24/2022	000000298947	Date of first issue: 10/06/2020

Packing group	:	II
Labels	:	3
ERG Code	:	129
Marine pollutant	:	no

### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## SECTION 15. REGULATORY INFORMATION

**NPRI Components** : propan-2-ol

### The ingredients of this product are reported in the following inventories:

TSCA	:	All substances listed as active on the TSCA inventory
DSL	:	All components of this product are on the Canadian DSL

## SECTION 16. OTHER INFORMATION

### Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	:	Canada. British Columbia OEL
CA QC OEL	:	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for air-borne contaminants
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA AB OEL / STEL	:	15-minute occupational exposure limit
CA BC OEL / TWA	:	8-hour time weighted average
CA BC OEL / STEL	:	short-term exposure limit
CA QC OEL / TWAEV	:	Time-weighted average exposure value
CA QC OEL / STEV	:	Short-term exposure value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Con-

# SAFETY DATA SHEET

## WABO Concrete Cleaner

Version	Revision Date:	SDS Number:	Date of last issue: 10/06/2020
1.1	05/24/2022	000000298947	Date of first issue: 10/06/2020

---

centration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Revision Date : 05/24/2022  
Date format : mm/dd/yyyy

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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