

1. Product and Company Identification

Product Name: Whirl-A-Way

Product Number: MCS264

Product Use: Toilet Bowl Cleaner

Supplier: MSC Sanitation LTD.
9266 Main Street
Richibucto, NB, E4W 4C7
Canada

Manufacturer: MSC Sanitation LTD.
9266 Main Street
Richibucto, NB, E4W 4C7
Canada

Telephone : +1 506-523-4311

Emergency Telephone Number: 613-996-6666 (CANUTEC)

2. Hazards Identification

WHMIS Classification

D2B Toxic Material Causing Other Toxic Effect

E Corrosive Material

GHS Classification

Corrosive to Metals (Category 1)

Skin Corrosion (Category 1B)

Serious Eye Damage (Category 1)

Specific Target Organ Toxicity- Single Exposure (Category 3), Respiratory System

GHS Label elements, Including Precautionary Statement



Pictogram

Signal word Danger

Hazard Statement(s)

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.

Precautionary Statement(s)

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 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.

HMIS Classification

Health Hazard: 3
The Flammability: 0
Physical Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.
Skin: May be harmful if absorbed through skin. Causes skin burns.
Eyes: Cause severe eye burns.
Ingestion: May be harmful if swallowed.

3. Composition/Information on Ingredients

Chemical Characterization: Mixture

Description: Aqueous mixture

Hazardous ingredients:

CAS No.	Description	Concentration (m/m)
7647-01-0	Hydrochloric Acid	15-20%

4. First Aid Measures

General Advice

- If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- In case of skin contact:** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
- In case of eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
- If swallowed:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. Firefighting Measures

Conditions of Flammability

Not flammable or combustible.

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective Equipment for Firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Hazardous Combustion Product

Hazardous decomposition products formed under fire conditions.- Hydrogen chloride, Carbon oxides.

Explosion Data – Sensitivity to Mechanical Impact

No data available

Explosion data – Sensitivity to Static Discharge

No data available

6. Accidental Release Measures

Personal Precautions

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Materials for Containment and Cleaning Up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for Safe Storage

Keep container tightly closed in a dry and well-ventilated place. Opened containers must be carefully resealed and kept upright to prevent leakage.

8. Exposure controls/Personal Protection

Components with Workplace Control Parameters

Components	CAS-No.	Value	Control Parameters	Basis
Hydrochloric Acid	7647-01-0	C	5ppm (7mg/m ³)	NIOSH/Guide
		C	2ppm	ACGIH

Personal Protective Equipment

Respiratory Protection

In the case of vapour formation use a respirator with an approved filter.

Hand Protection

Handle with suitable gloves. PVC or rubber gloves.

Eye Protection

Tightly fitting safety goggles.

Skin and Body Protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene Measure

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after handling the product.

9. Physical and Chemical Properties

Appearance

Form:	Liquid
Colour:	Milky white

Safety Data

pH:	1.0-3.0
Melting Point:	Not available
Boiling point:	Not available
Flash Point:	Not available
Ignition Temperature:	Not available
Lower Explosion Limit:	Not available
Upper Explosion Limit:	Not available
Vapour Pressure:	Not available
Density:	1.16-1.3 g/ml
Water Solubility:	Completely miscible, soluble
Viscosity, Dynamic:	Not available

10. Stability and Reactivity

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No data available.

Materials to Avoid

Strong bases.

Hazardous Decomposition Products

Hydrogen chloride, Carbon oxides.

11. Toxicological Information

Acute Toxicity

Oral LD50:	Not available
Dermal LD50:	Not available
Inhalation LC50:	Not available
Skin Irritation :	Not available
Eye Irritation :	Not available
Respiratory Sensitization:	Not available
Carcinogenicity :	Hydrochloric acid (CAS 7647-01-0) IARC: 3: Not classifiable as to its carcinogenicity to humans
The Teratogenicity :	Not available
Reproductive Toxicity :	Not available
Specific Organ Toxicity Single Exposure:	Not available
Specific Organ Toxicity Repeated Exposure:	Not available
Aspiration Toxicity:	Not available

12. Ecological Information

Toxicity: Not available

Persistence and Degradability: Not available

Bioaccumulative Potential: Not available

Mobility in Soil: Not available

Other Adverse Effects:

13. Disposal Consideration

Further Information

Dispose of in accordance with local regulations. Contact waste disposal services.

Contaminated Packaging

Dispose of as unused product.

14. Transport Information

TDG

UN Number: 1789

Proper Shipping Name: Hydrochloric acid

Transport Hazard Class: 8

Packing Group: II

DOT

UN Number: 1789

Proper Shipping Name: Hydrochloric acid

Transport Hazard Class: 8

Packing Group: II

Special Precautions

Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. Regulatory Information

WHMIS Classification

D2B Toxic Material Causing Other Toxic Effect

E Corrosive Material

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

16. Other Information

MCS Sanitation LTD. Believes that the data, technical information and recommendation contained in this document are accurate; however, this information is provided without making any warranty, expressed or implied, and we assume no responsibility whatsoever for any damages or losses resulting from their use of the designated product. Use of this product should be restricted to qualified personnel.

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