

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
 Product name : Pro-Bowl
 CAS-No. : 7647-01-0
 Product code : 21
 Product group : Blend

1.2. Recommended use and restrictions on use

Recommended uses and restrictions : Toilet bowl and urinal cleaner. Also good for scale removal.
 Corrosive to metals.
 Recommended use : Washing and cleaning products (including solvent based products)
 Restrictions on use : Metal articles

1.3. Supplier

Nypower Industries Ltd.
 111 Fisher St.
 P.O. Box PO Box 715
 Okotoks, AB - Canada
 T 403 995-2598 - F 403 995-1487
gm@nypowerind.com - www.nypowerind.com

1.4. Emergency telephone number

Emergency number : 403 899-4226

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Corrosive to metals Category 1 H290 May be corrosive to metals
 Acute toxicity (inhalation:dust,mist) Category 4 H332 Harmful if inhaled
 Skin corrosion/irritation Category 1 H314 Causes severe skin burns and eye damage
 Serious eye damage/eye irritation Category 1 H318 Causes serious eye damage
 Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : H290 - May be corrosive to metals
 H314 - Causes severe skin burns and eye damage
 H332 - Harmful if inhaled

Precautionary statements (GHS CA) : P101 - If medical advice is needed, have product container or label at hand.
 P102 - Keep out of reach of children.
 P103 - Read label before use.
 P234 - Keep only in original container.
 P261 - Avoid breathing fume, mist, spray, vapors.
 P264 - Wash hands thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear eye protection, protective gloves.
 P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
 P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
 P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 - Immediately call a POISON CENTER or doctor.
 P312 - Call a POISON CENTER or doctor if you feel unwell.
 P363 - Wash contaminated clothing before reuse.
 P390 - Absorb spillage to prevent material-damage.

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P405 - Store locked up.
P406 - Store in glass or plastic container with a resistant inner liner.
P501 - Dispose of contents/container to Collection point.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Hydrogen Chloride anhydrous		(CAS-No.) 7647-01-0	10 – 20	Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Corr. 1A, H314

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.

First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

First-aid measures general : Call a physician immediately.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : Burns.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Burns.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Unsuitable extinguishing media

No additional information available

5.3. Specific hazards arising from the hazardous product

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Wear personal protective equipment. Use only outdoors or in a well-ventilated area.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up. Store in a well-ventilated place. Keep cool.
- Incompatible materials : Metals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Pro-Bowl (7647-01-0)

Canada (Alberta) - Occupational Exposure Limits

OEL Ceiling (mg/m ³)	3 mg/m ³
OEL Ceiling (ppm)	2 ppm
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 182/2019)

Canada (British Columbia) - Occupational Exposure Limits

OEL Ceiling (ppm)	2 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)

Canada (Saskatchewan) - Occupational Exposure Limits

OEL Ceiling (ppm)	2 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Wear respiratory protection.

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Liquid.
- Color : Dark pink
- Odor : Fruity

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Odor threshold	: No data available
pH	: 1
pH solution	: 1
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: -20 °C
Freezing point	: -20
Boiling point	: 105 °C
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: 13.3 kPa
Vapor pressure at 50 °C	: No data available
Relative vapor density at 20 °C	: 1.268
Relative density	: No data available
Specific gravity / density	: 1.055
Solubility	: Water: 100 % Ethanol: 100 %
Partition coefficient n-octanol/water (Log Pow)	: No data available
Explosion limits	: No data available
Flammability limit - upper	: Not applicable
Flammability limit - lower	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: metals.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Harmful if inhaled.

ATE CA (dust,mist)	4.888 mg/l/4h
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Hydrogen Chloride anhydrous (7647-01-0)	
ATE CA (dust,mist)	0.5 mg/l/4h

Skin corrosion/irritation	: Causes severe skin burns. pH: 1
Serious eye damage/irritation	: Causes serious eye damage. pH: 1
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

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STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Before neutralisation, the product may represent a danger to aquatic organisms.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified
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SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
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SECTION 14: Transport information

14.1. Basic shipping description

In accordance with TDG

Transportation of Dangerous Goods

UN-No. (TDG)	: UN1789
Packing group	: II - Medium Danger
TDG Primary Hazard Classes	: 8 - Class 8 - Corrosives
Transport document description	: UN1789 HYDROCHLORIC ACID, 8, II
Proper Shipping Name (Transportation of Dangerous Goods)	: HYDROCHLORIC ACID
Hazard labels (TDG)	: 8 - Corrosive substances



ERAP Index	: 3000
Explosive Limit and Limited Quantity Index	: 1 L
Excepted quantities (TDG)	: E2
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 1 L

14.2. Transport information/DOT

Department of Transport

Not regulated for transport

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14.3. Air and sea transport

IMDG

UN-No. (IMDG) : 1789
Proper Shipping Name (IMDG) : HYDROCHLORIC ACID
Transport document description (IMDG) : UN 1789 HYDROCHLORIC ACID, 8, II
Class (IMDG) : 8 - Corrosive substances
Packing group (IMDG) : II - substances presenting medium danger

IATA

UN-No. (IATA) : 1789
Proper Shipping Name (IATA) : Hydrochloric acid
Transport document description (IATA) : UN 1789 Hydrochloric acid, 8, II
Class (IATA) : 8 - Corrosives
Packing group (IATA) : II - Medium Danger

SECTION 15: Regulatory information

15.1. National regulations

Hydrogen Chloride anhydrous (7647-01-0)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Hydrogen Chloride anhydrous (7647-01-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16: Other information

SDS Major/Minor : None
Issue date : 05/19/2021
Revision date : 05/19/2021
Supersedes : 05/19/2021

Full text of H-phrases:

H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H331	Toxic if inhaled
H332	Harmful if inhaled

SDS Canada (GHS)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.