

LOW ACID TOILET BOWL CLEANER

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Low Acid Toilet Bowl Cleaner **Product Number:** 3040Q12

Recommended Use: Toilet Bowl Cleaner
Ready to use.
Product intended for commercial and industrial use only.

Uses Advised Against: Other than per labelled instructions

Supplier Address:

Amano Pioneer Eclipse Corporation
P.O. Box 909
1 Eclipse Road
Sparta, NC 28675
Telephone: 1-336-372-8080
Email: msds@pioneer-eclipse.com
Internet: www.pioneereclipse.com

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.
Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

2: HAZARDS IDENTIFICATION

Classification: Skin Corrosion- Category 1B
Eye Damage - Category 1
Acute Toxicity - Inhalation - Category 4
Specific target organ toxicity (Single exposure) - Category 3

Signal Word: DANGER

Pictogram:



Hazard Statements:

- Causes severe skin burns and eye damage.
- Causes serious eye damage.
- Harmful if inhaled.
- May cause respiratory irritation. May cause drowsiness or dizziness.

Precautionary Statements:

- Do not breathe mist/vapours/spray.
- Wash face, hands and any exposed skin thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/eye protection/face protection.
- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.
- Dispose of contents/container in accordance with local/regional/national/international regulation.
- Immediately call a poison center or doctor if you feel unwell.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center or doctor.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash contaminated clothing before reuse.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor.

Other Hazards: May be harmful if swallowed.

Supplemental Information: None known

LOW ACID TOILET BOWL CLEANER
3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
hydrochloric acid	7647-01-0	7 - 13
nonylphenoxypoly-(ethyleneoxy) ethanol	26027-38-3	Proprietary

* Exact concentration of the ingredients has been withheld as a trade secret.

4: FIRST AID MEASURES
DESCRIPTION OF FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eye with plenty of water for at least 15 minutes. (If easy to do, remove contact lenses, if worn). Seek medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.

Inhalation: If breathing is difficult. Remove subject to fresh air. Seek medical attention immediately.

Ingestion: Call a physician or poison control center. Do not induce vomiting. Seek medical advice immediately.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Eye Contact: Causes eye burns.

Skin Contact: Causes skin burns.

Inhalation: Harmful if inhaled. May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion: Harmful if swallowed. May cause burns to mouth, throat and stomach.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

5: FIRE-FIGHTING MEASURES

Suitable Extinguishing media: Water spray, CO₂, foam

Specific Hazards: Corrosive liquid. (See Sections 8 and 10.) Solution is non-flammable. Keep containers in fire area cooled with water spray.

Protective Equipment and Precautions: Fire fighters should wear NIOSH approved breathing apparatus. Materials can splatter above 100° C / 212° F

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery: use care to avoid falling.

Environment Precautions: Keep spills and cleaning run-off out of sewers and open bodies of water.

CONTAINMENT AND CLEAN-UP

Small Spills: Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.

Large Spills: Dike and contain spill with inert material (e.g. sand, earth). Neutralize spill area. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.

Waste Disposal: Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only in well-ventilated areas. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use.

Conditions for Safe Storage: Keep container tightly closed and store in a cool, dry and well-ventilated place.

Other Information: Under extremely hot conditions, allow room for expansion. Keep container sealed when not in use. Keep out of reach of children.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION



SAFETY DATA SHEET

Conforms to 1910.1200
Issued: July 7, 2015
Supersedes: July 12, 2013

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Exposure Limits:

Ingredient	CAS Number	ACGIH		OSHA	
		TWA	STEL	TWA	STEL
hydrochloric acid	7647-01-0	N/L	2 ppm (ceiling)	N/L	5 ppm (ceiling)

Engineering Controls: Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.

Personal Protective Equipment (PPE)

Eye/Face Protection: Safety eyewear is recommended, to avoid chemical splashes and mists.

Skin Protection: Chemical resistant gloves are recommended.

Respiratory Protection: Respiratory protection should be worn when there is a potential of inadequate ventilation. If exposure limits are exceeded or symptoms are experienced, use an approved respirator.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: thick, pink liquid
Odor: cherry
Odor Threshold: not determined
pH: 1.0
Freezing Point: not available
Boiling Point: 212 °F / 100 °C
Flash Point: > 200°F / > 93°C
Evaporation Rate: less than water
Flammability: not combustible
Flammability limits: None
Vapor Pressure: not available
Vapor Density: not available
Relative Density: 8.7 lb/gal @ 68°F / 1.04 kg/l @ 20°C
Solubility: miscible in water
Partition Coefficient: not determined
Auto Ignition temperature: not determined
Decomposition Temperature: not determined
Viscosity: not determined
VOC: not available

10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Stability: Stable under normal conditions.

Hazardous reactions: None under normal processing.

Conditions to avoid: None known

Incompatible materials: None known

Hazardous decomposition products: No information available.

11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Not determined on product.

LOCAL EFFECTS

Skin contact: Can cause skin burns.

Eye contact: Can cause eye damage.

Sensitization: None expected

Chronic effects: None expected

SPECIFIC EFFECTS

Carcinogenicity: None known

Reproductive effects: None known

Teratogenicity: None known

Mutagenicity: None known

COMPONENT INFORMATION

Component	LD50 Oral-Rat (mg/kg)	LD50 Dermal - Rabbit (mg/kg)	LC50 Inhalation-Rat (ppm)
hydrochloric acid	700	220	3124 (1hr)

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nonylphenoxy poly-(ethyleneoxy) ethanol	N/A	1800 µL/kg	N/A
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Carcinogenicity:

Component	IARC	NTP	OSHA
hydrochloric acid	IARC 3	N/L	N/L

12: ECOLOGICAL INFORMATION

Ecotoxicity:	Ecological testing has not been completed on the mixture.
Persistence and Degradability:	Data not available.
Bioaccumulative Potential:	Data not available.
Mobility in Soil:	Data not available.
Other Adverse Effects:	Data not available.

13: DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, regional and national regulations.

14: TRANSPORT INFORMATION

UN Number:	UN1789
UN Proper Shipping Name:	Hydrochloric Acid solution
Hazard Class:	8
Packing Group:	II
Marine Pollutant:	None
Transport in Bulk:	N/A
Other Information:	Package Volumes < 1L are shipped under Limited Quantity Exemption.

15: REGULATORY INFORMATION

U.S. REGULATIONS/REPORTING:

Ingredient	CAS Number	SARA 302/304	SARA 313	CERCLA
hydrochloric acid	7647-01-0	500 TPQ	Listed	5000 RQ

STATE RIGHT-TO-KNOW STATUS:

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
hydrochloric acid	7647-01-0	present	present	present	present

CALIFORNIA PROPOSITION 65: Components are not present on CA Prop 65 listing.


16: OTHER INFORMATION

Abbreviations Used:

- N/A - Not applicable
- N/E - Not Established
- N/L - Not Listed
- IARC 3 - Unclassifiable as to carcinogenicity in humans.

Revision Information:

July 7, 2015 - Revisions to 1910.1200 GHS standard, also Section 9 & 14


Health: 3
Flammability: 0
Reactivity: 0



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This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

****IMPORTANT SAFETY INFORMATION**DO NOT DISCARD**PLEASE ROUTE TO COMPANY SAFETY OFFICER****