

SMART CHOICE #2672

Non-Acid Toilet Bowl Cleaner



Features:

- Non-corrosive, non-toxic
- Bio-enzymatic formula with 100 billion colonies per gallon
- Eliminates the source of most organic odors
- Deodorizer
- Rapid bacteria replication
- Salmonella free
- Food Processing Acceptability: C1



Description:

SMART CHOICE is a bio-enzymatic bowl cleaner and digester that is used to help digest and degrade waste and eliminate odors caused by urine and other biological waste. It can be used to clean most surfaces in a restroom, including the floor, walls and dividers between stalls. The specialized bacteria break down the urine completely, eliminating the source of the odors. Daily use down urinals, toilets, sinks and shower drains help keep pipes clear and free from grease, fats and other solid materials. The product is an excellent drain maintainer that eliminates the need for hazardous chemicals such as acid, caustic and bleach.

Applications:

- Sinks
- Toilets
- Showers
- Urinals
- Drain Lines
- Down Pipes
- Septic Tanks
- Boats & Recreational Vehicles

Product Characteristics:

Appearance:	Colorless liquid.
Odor:	White/opaque.
Boiling Point:	Not available.
Vapor Pressure:	Not available.
Specific Gravity:	1.01.
Water Solubility:	Complete.
Vapor Density:	Not available.
Flash Point:	122°F.
pH:	8.0-9.0
VOC:	Not available.
Boiling Range:	212°F.
Viscosity:	Not available.
Storage:	Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool.

Transport Information:

Proper Shipping Name:	Not available.
UN Number:	Not available.
Class:	Not available.
Packing Group:	Not available.

DOT Placard:

Nonhazardous.

Directions:

Use daily as a cleaner and odor eliminator. See complete directions on product label.

Pictograms:

Not available.

Signal Word:

WARNING

Personal Protective Equipment Required:





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2672	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SMART CHOICE	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Non-Acid Toilet Bowl Cleaner	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Acute Toxicity-Dermal: Category 5 Acute Toxicity-Oral: Category 5 Eye Damage/Irritation: Category 2B	SIGNAL WORD: WARNING	SYMBOL:	
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HAZARD STATEMENTS:

Causes eye irritation.
May be harmful if swallowed.
May be harmful in contact with skin.

PRECAUTIONARY STATEMENTS:

Prevention:
Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Response:
If eye irritation persists: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF SWALLOWED: Immediately call a poison center/doctor.

Storage:
Store in a dry place. Store in a closed container.
Store in a well-ventilated place. Keep cool.

Disposal: N/A.

HAZARDS NOT OTHERWISE SPECIFIED:

No data available.

INGREDIENTS OF UNKNOWN TOXICITY:

0%

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
Borax (B ₄ Na ₂ O ₇ ·10H ₂ O)	1303-96-4	1
Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-	34398-01-1	10

Occupational exposure limits, if available, are listed in Section 8.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INHALATION:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

INGESTION:

If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

N/A

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

LARGE SPILLS:

Stop leak at source and collect into suitable container, then treat as a small spill.

SMALL SPILLS:

Absorb with an inert solid and scoop up for disposal, then rinse soiled area with water.

7. Handling and Storage

SAFE HANDLING:

Keep away from food and drinking water. Keep container closed to prevent drying out. Store in a cool place in original container and protect

from sunlight.

SAFE STORAGE & INCOMPATIBILITIES:

Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

8. Exposure Controls / Personal Protection

OCCUPATIONAL EXPOSURE LIMITS:

Components	ACGIH TLV	OSHA PEL	STEL
Borax (B4Na2O7.10H2O)	N/A	N/A	N/A
Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-	N/A	N/A	N/A

PERSONAL PROTECTIVE EQUIPMENT:



EYE/FACE PROTECTION: Safety glasses or goggles.

SKIN PROTECTION: Nitrile or polyethylene gloves and aprons. Do not use cotton.

RESPIRATORY PROTECTION: Not available.

ENGINEERING CONTROLS:

Positive down-draft exhaust ventilation should be provided to maintain vapor concentration below TLV.

9. Physical & Chemical Properties

Appearance:		Flammability(solid/gas):	Not available.
Physical State:	Liquid.	Explosive Limit-Lower (%):	Not available.
Color:	White/opaque.	Explosive Limit-Upper (%):	Not available.
Odor:	Floral.	Density lbs/gal:	Not available.
Odor Threshold:	Not available.	Vapor Pressure:	Not available.
pH:	8.0-9.0	Vapor Density:	Not available.
Melting Point:	Not available.	Auto-Ignition Temperature:	Not available.
Boiling Point:	Not available.	Decomposition Temperature:	Not available.
Viscosity:	Not available.	Partition Coeff (n-octanol/water):	Not available.
Flash Point:	Not available.	VOC %:	Not available.
Specific Gravity:	1.01	Flash Point Method:	Not available.
Evaporation Rate:	Not available.	Boiling Range:	212°F
Pounds per Cubic Foot:	Not available.	Solubility:	Complete.

10. Stability & Reactivity Information

CHEMICAL STABILITY:

Stable.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBLE MATERIALS:

None.

CONDITIONS TO AVOID:

Temperature extremes.

HAZARDOUS DECOMPOSITION:

Will not occur.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Skin contact/absorption and inhalation.

SIGNS/SYMPTOMS OF OVEREXPOSURE:

Gastrointestinal irritation (nausea, vomiting, diarrhea), irritation to nose, throat, and respiratory tract.

TARGET ORGAN EFFECTS:

None Expected.

IMMEDIATE HEALTH EFFECTS:

EYES: Exposure may cause noticeable pain, and severe irritation.

SKIN: Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying, and cracking and skin burns. Additional symptoms of skin contact may include: allergic reaction. Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal handling and use.

INHALATION: Exposure to vapor or mist is possible. Short-term inhalation is not likely to cause harmful effects: breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits.

INGESTION: Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects: swallowing large amounts may be harmful.

REPRODUCTIVE TOXICITY:

No data.

CARCINOGENIC INFORMATION:

This material is not listed as a carcinogen by IARC, NTP, or OSHA

LONG TERM EFFECTS:

No data.

12. Ecological Information

No data available.

13. Disposal Consideration

For proper disposal of waste, refer to federal and state regulations.

14. Transportation Information

UN NUMBER:

N/A

UN PROPER SHIPPING NAME:

N/A

DOT CLASSIFICATION:

Non-hazardous.

PACKING GROUP:

N/A

15. Regulatory Information

US FEDERAL REGULATIONS:

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): TSCA (United States) The intentional ingredients of this product are listed.

CERCLA RQ-40 CFR 355 APPENDIX A: None.

Acetone (CAS 67-64-1) Listed.

SARA 302 Components 40 CFR Appendix: None.

SARA 311/312 Hazard Class 40 CFR 370.2

Immediate Hazard – Yes.

Delayed Hazard – Yes.

Fire Hazard – No.

Pressure Hazard – No.

Reactivity Hazard – No.

SARA 313 Components-40 CFR 372.65: * Listed in Section 2 as Diethylene Glycol Monomethyl Ether.

US STATE/LOCAL REGULATIONS:

California Proposition 65: None.

California SCAQMD Rule 443.1 VOC's: > 100g/L

North Carolina Administrative Code 2D.1104 and 2B.0610: None.

South Carolina Regulation 62.5 Standard Number 8: None.

16. Other Information

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

DESCRIPTION:

SMART CHOICE, aids to DIGEST and DEGRADE grease, oil and fats in the entire system. This bio-enzymatic cleaner and digester contains a selection of specialized bacteria strains and chemical cleaners specifically designed to make your toilets, sinks, showers and pipelines sparkle like they never have before while enhancing and maintaining the efficient operation of sewage treatment systems.



SMART CHOICE

BIO-ENZYMATIC BOWL CLEANER/ DEODORIZER
ACID-FREE • NON-CAUSTIC
100% BIODEGRADABLE

WARNING: KEEP OUT OF REACH OF CHILDREN

See back panel for additional precautionary statements.

NET CONTENTS: 1 Quart

DIRECTIONS:

BOWL & URINAL CLEANER: Use SMART CHOICE daily as a cleaner and odor eliminator. Spray to adequately cover the interior surface of the toilet bowl. Leave SMART CHOICE cleaner in the bowl as long as possible or until the first flush. For heavy encrustation a bowl mop may be needed.

DEODORIZER: Physically remove as much of the source of malodor as possible. Follow this by spraying product directly on the source of odor or apply with a cloth moistened with SMART CHOICE.

DRAIN LINES AND DOWN PIPES: Daily use in shower, sink, and tub drains will keep pipes free and clear of grease, body oil, and other solid waste. Use product 2 to 4 times weekly. Add just 2 oz. of product for each inch of pipe size. Example: 1" pipe = 2 oz. product, 4" pipe = 8 oz. product, etc. Regular use will not damage pipes or chrome.

SEPTIC TANKS: Add 1 quart for your initial treatment. Thereafter use 8 oz. per week by flushing down commode.

BOAT AND RECREATIONAL VEHICLES: Add 2 oz. per gallon of water in the holding tank. Then use one pint per week for maintenance. To maintain scuppers on marine vessels add SMART CHOICE daily.

WARNING**Hazard Category:**

ACUTE TOXICITY - DERMAL; Category 5

ACUTE TOXICITY - ORAL; Category 5

EYE DAMAGE/IRRITATION; Category 2B

Hazard Statement: MAY BE HARMFUL IN CONTACT WITH SKIN; MAY BE HARMFUL IF SWALLOWED; CAUSES EYE IRRITATION.

Precautionary Statements:

Prevention: Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.

Response: IF SWALLOWED: immediately call a poison center/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage: Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Protective Equipment: Safety glasses and rubber gloves are not required, but suggested when using this product.

Product Code: 2672



For commercial and industrial use only, or for sale to, use and storage by service persons.