

Brady Bucket



CB5100



The Procter & Gamble Company
P&G Household Care
Fabric & Home Care Innovation Center
3299 Spring Grove Avenue
Cincinnati, OH 45217-1087

MATERIAL SAFETY DATA SHEET

MSDS #: FH/C/2003/IMTG-5NKJQN_v. 2
Supersedes: 06/05

Issue Date: 12/06
Issue Date:

SECTION I - PRODUCT IDENTIFICATION

Identity: Toilet Bowl Cleaner

Finished Product

Brands: P&G Pro Line Thickened Acid Toilet Bowl Cleaner

P&G Telephone Number: 1-888-4PGProline

or call Local Poison Control Center or your physician.

Emergency (24 hour) Telephone Number: CHEMTREC 1-800-424-9300 U.S. and Canada,
or 1-703-527-3887 - for calls originating elsewhere.

SECTION II - HAZARDS IDENTIFICATION

Potential Health Hazards (Acute and Chronic): (See Section 11 for more information)

Ingestion: Concentrate: Harmful or fatal if swallowed. Mucous membrane irritant.
Use Dilution: Mild mucous membrane irritant. May result in mild gastrointestinal irritation with nausea, vomiting and/or diarrhea.

Eye Contact: Concentrate: Eye irritant. May cause permanent damage to eyes if not promptly treated.
Use Dilution: May cause mild irritation.

Skin Contact: Concentrate: Causes skin damage. May aggravate existing skin conditions.
Use Dilution: May cause mild skin irritation.

Inhalation: Concentrate: Mucous membrane irritant.
Use Dilution: N/A

Signs and Symptoms of Exposure:

Ingestion: Irritation or burning sensation.

Eye Contact: Irritation or burning sensation.

Skin Contact: Irritation or burning sensation.

Inhalation: Irritation or burning sensation.

Medical Conditions Generally Known to be Aggravated by Exposure: May aggravate skin disorders or respiratory ailments.

Potential Environmental Effects: (See Section 12 for more information)

SECTION III - COMPOSITION AND INGREDIENTS

Ingredients listed on the product label are: Hydrogen chloride, n-Alkyl (C₁₄ 60%, C₁₆ 30%, C₁₂ 5%, C₁₈ 5%) Dimethyl benzyl ammonium chlorides, n-Alkyl (C₁₂ 68%, C₁₄ 32%) Dimethyl ethylbenzyl ammonium chlorides, other ingredients.

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200, and/or WHMIS under the HPA:

Chemical Name	Common Name	CAS No.	Composition Range	LD50/LC50
Hydrochloric Acid		7647-01-0	9.5% (label)	
Nonoxynol		9016-45-9	1.0%	
Amine Ethoxylate		61791-24-0	1.0%	

SECTION IV - FIRST AID INFORMATION

First Aid Procedures: Have the product container or label with when calling a Poison Control Center or doctor, or going for treatment.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin Contact: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth to an unconscious person.

Note to Physician: (if applicable) Probable mucosal damage may contraindicate use of gastric lavage.

Other: Consumer product package has the following precautionary statement:

DANGER: CORROSIVE. Causes eye and skin damage. May be fatal if swallowed. Do not breathe vapor or fumes. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Use with adequate ventilation.

SECTION V - FIRE FIGHTING INFORMATION		
Flash Point (Method Used): approx. 212°F / 100°C		
Flammable Properties:		
Upper Flammable Limit:		
Lower Flammable Limit:		
Explosive Limits:	UEL: N/A	LEL: N/A
Auto-ignition Temperature:		
Hazardous Combustion Products:		
Explosion Data (Sensitivity to Mechanical Impact):		
Explosion Data (Sensitivity to Static Discharge):		
Extinguishing Media:		
Suitable: Water, CO2, foam or media suitable for surrounding fire.		
Unsuitable:		
Protection of Firefighters:		
Specific Hazards Arising from the Material: None known.		
Protective Equipment and Precautions for Firefighters: Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus.		

SECTION VI - ACCIDENTAL RELEASE MEASURES
Personal Precautions: None required.
Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Do not landfill. Keep product out of storm sewers or waterways. Hold for disposal. Products covered by this MSDS, in their original form, when disposed as waste, are corrosive hazardous waste, D002, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.
Methods for Containment: Wear appropriate protective equipment. If possible, contain spill and collect in an approval container. Try to prevent from reaching waterway or sewer. Product is a RCRA corrosive hazardous waste, D002, because of its low pH.
Methods for Cleanup: Do not landfill. Hazardous waste treatment to reduce pH is necessary prior to disposal.
Other Information: (if applicable)

SECTION VII - HANDLING AND STORAGE
Precautions To Be Taken in Handling: Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Store in original container, in cool dry place with adequate ventilation.
Precautions To Be Taken in Storage: Keep out of reach of children. Keep container tightly closed when not in use.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION
Exposure Guidelines:
Engineering Controls: Ventilation - Local Exhaust - As necessary.
Personal Protective Equipment (PPE):
Eye/Face Protection: Chemical resistant goggles or face shield.
Skin Protection: Water impervious (latex or neoprene) gloves.
Respiratory Protection: Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled by general or local ventilation, use appropriate respiratory protection to prevent over exposure.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Specify all temperatures in °F and °C

Appearance (color, physical form, shape): Green liquid	Flash Point (Method Used): None
Odor: Floral fragrance	Reserve Alkalinity: N/A
Odor Threshold: N/A	Solubility in Water: Complete
Physical State: Liquid	Decomposition Temperature: N/A
Vapor Pressure (mm Hg): N/A	Evaporation Rate (nBuOAc=1): >1%
Vapor Density (Air=1): N/A	Specific Gravity/Density: 1.050
Boiling Point: Approx. 212°F / 100°C	Melting/Freezing Point: N/A
Partition Coefficient (n-octanol/water): N/A	pH (specify % solution): <1%
Volatile Organic Compound (VOC): Product complies with State and Federal regulations for VOC content.	

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: None known.

Incompatible Materials: Do not mix with chlorine bleach or other chemicals.

Hazardous Decomposition Products: Thermal decomposition on burning may produce toxic vapors or gases.

Possibility of Hazardous Reactions: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

LD50 (rats oral): Actives: Hydrochloric Acid (7647-01-0); 900 mg/kg in rabbits

Oral ingestion of this product may cause burning of the mouth and GI tract.

Chronic Effects: No chronic health effects reported.

Target Organs: No target organs reported.

Carcinogenicity: NTP: No IARC: No OSHA: No

SECTION XII - ECOLOGICAL INFORMATION

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal is to be performed in compliance with federal, state/provincial and local regulations. Products covered by this MSDS, in their original form, when disposed as waste, are corrosive hazardous waste, D002, according to Federal RCRA regulations (40 CFR 261).

Container: Do not landfill. Hazardous waste treatment to reduce pH is necessary prior to disposal. Triple rinse and recycle.

SECTION XIV - TRANSPORT INFORMATION**Ground Transport (US DOT):** Consumer Commodity, ORM-D**Air Transport (IATA):** DO NOT SHIP. Finished product packaging does not meet air transport requirements.**Marine/Water Transport (IMDG):** UN1760, Corrosive liquid, basic, n.o.s. (hydrochloric acid), 8, PGII, Ltd. Qty.**SECTION XV - REGULATORY INFORMATION****United States**

All intentionally-added components of this product are listed on the US TSCA Inventory.

This product is not subject to warning labeling under California Proposition 65.

EPA Reg. No. 8155-6-3573 / CDPR Reg. No. 8155-6-ZA-3573

Canada

All intentionally added ingredients comply with CEPA requirements for import to Canada by Procter & Gamble.

This product has been classified in accordance with the hazard criteria of the Canadian *Controlled Products Regulations* and the MSDS contains all information required by the *Controlled Products Regulations*.**SECTION XVI - OTHER INFORMATION**

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

P&G Hazard Rating:	Health:	2	4=EXTREME
	Flammability:	0	3=HIGH
	Reactivity:	0	2=MODERATE
			1=SLIGHT
			0=NOT SIGNIFICANT

*N/A. - Not Applicable

*N/K. - Not Known

Data supplied is for use only in connection with occupational safety and health.

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

MATERIAL SAFETY DATA SHEET

CH0010

1. Product and Company Identification

Product number CH0010
Product name Glass Cleaner
Effective date 06-Sep-2012
Company information Brady Industries
Las Vegas, NV 89118 United States
Company phone General Assistance 702-876-3990
Emergency telephone US 1-866-836-8855
Emergency telephone outside US 1-952-852-4646
Version # 29
Supersedes date 12-Jul-2012
Product use Glass cleaner

2. Hazards Identification

Emergency overview Aerosol. CONTENTS UNDER PRESSURE.
May be ignited by heat, sparks or flames.

Potential health effects

Routes of exposure Skin contact. Ingestion.

Eyes Health injuries are not known or expected under normal use.

Skin May be harmful if absorbed through skin. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Inhalation Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

Ingestion Exposure by ingestion of an aerosol is unlikely. Components of the product may be absorbed into the body by ingestion.

Target organs 2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged and may cause blood damage. These effects have not been observed in humans.

Chronic effects Unconsciousness. Cyanosis (blue tissue condition, nails, lips, and/or skin). May be harmful if absorbed through skin. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Pregnant women or women of child-bearing age should not be exposed to this product.

Signs and symptoms Cyanosis (blue tissue condition, nails, lips, and/or skin). Defatting of the skin. Skin irritation.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Ethyl Alcohol	64-17-5	1 - 3
2-Butoxyethanol	111-76-2	1 - 3
Propane	74-98-6	1 - 3
n-Butane	106-97-8	1 - 3
Non-hazardous and other components below reportable levels		> 90

4. First Aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

Skin contact Immediately take off all contaminated clothing. Wash off with warm water and soap. Get medical attention if irritation develops and persists.

Inhalation	If symptoms develop move victim to fresh air. Get medical attention if symptoms occur.
Ingestion	If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. If ingestion of a large amount does occur, call a poison control center immediately.
Notes to physician	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation.

5. Fire Fighting Measures

Flammable properties	Heat may cause the containers to explode. Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.
Extinguishing media	
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Protection of firefighters	
Protective equipment and precautions for firefighters	In case of fire and/or explosion do not breathe fumes. Containers should be cooled with water to prevent vapor pressure build up. Move containers from fire area if you can do so without risk. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

6. Accidental Release Measures

Methods for containment	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas.
Methods for cleaning up	Should not be released into the environment. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

7. Handling and Storage

Handling	Pressurized container: Do not pierce or burn, even after use. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke while using or until sprayed surface is thoroughly dry. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not re-use empty containers. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin. Avoid contact with eyes. Wear personal protective equipment. Avoid prolonged exposure.
Storage	Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat and flame. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Avoid exposure to long periods of sunlight. Store in a well-ventilated place. Keep away from food, drink and animal feedingsuffs. Level 1 Aerosol (NFPA 30B)

8. Exposure Controls / Personal Protection

Exposure limits

ACGIH

Components	CAS #	TWA	STEL	Ceiling
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm	Not established
2-Butoxyethanol	111-76-2	20 ppm	Not established	Not established
Propane	74-98-6	1000 ppm	Not established	Not established
n-Butane	106-97-8	1000 ppm	Not established	Not established

OSHA

Components	CAS #	TWA	STEL	Ceiling
Ethyl Alcohol	64-17-5	1000 ppm	Not established	Not established
2-Butoxyethanol	111-76-2	50 ppm	Not established	Not established
Propane	74-98-6	1000 ppm	Not established	Not established

Personal protective equipment

Eye / face protection	Not normally needed.
Skin protection	Chemical resistant gloves. Wear appropriate chemical resistant clothing.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

9. Physical & Chemical Properties

Appearance	Clear.
Boiling point	206.6 °F (97.2 °C) estimated
Color	Colorless.
Density	0.9604 g/cm3 estimated
Flammability (HOC)	3.2733 kJ/g estimated
Flash back	No
Flash point	-156 °F (-104.4 °C) Propellant
Form	Aerosol.
Freezing point	Not available
Odor	Butyl
pH	9.5 - 10.5
Physical state	Liquid.
Pressure	70 - 90 psig @ 70F
Solubility	Completely
Specific gravity	0.9605 estimated

10. Chemical Stability & Reactivity Information

Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known.
Hazardous decomposition products	Irritants.

11. Toxicological Information

Acute effects Acute LD50: 7571 mg/kg estimated, Rat, Dermal

Component analysis - LD50**Toxicology Data - Selected LD50s and LC50s**

2-Butoxyethanol	111-76-2	Inhalation LC50 Rat 2.21 mg/L 4 h; Inhalation LC50 Rat 450 ppm 4 h; Oral LD50 Rat 470 mg/kg; Dermal LD50 Rat 2270 mg/kg; Dermal LD50 Rabbit 220 mg/kg
Ethyl Alcohol	64-17-5	Oral LD50 Rat 7060 mg/kg; Inhalation LC50 Rat 124.7 mg/L 4 h
n-Butane	106-97-8	Inhalation LC50 Rat 658 mg/L 4 h
Propane	74-98-6	Inhalation LC50 Rat 658 mg/L 4 h

Sensitization Not expected to be hazardous by OSHA criteria.

Carcinogenicity**IARC - Group 1 (Carcinogenic to Humans)**

Ethyl Alcohol	64-17-5	Monograph 100E [in preparation] (in alcoholic beverages); Monograph 96 [2010] (in alcoholic beverages)
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Reproductive effects Can cause adverse reproductive effects - such as birth defects, miscarriages, or infertility.

Teratogenicity Not expected to be hazardous by OSHA criteria.

12. Ecological Information

Ecotoxicity Components of this product have been identified as having potential environmental concerns.

LC50 36327 mg/L, Fish, 96.00 Hours,
EC50 26428 mg/L, Daphnia, 48.00 Hours,
IC50 11902 mg/L, Algae, 72.00 Hours,

13. Disposal Considerations

Disposal instructions Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

14. Transport Information

Department of Transportation (DOT) Requirements

Basic shipping requirements:

Proper shipping name	Aerosols
Hazard class	2.1
UN number	UN1950
Additional information:	
Special provisions	153, N82
Packaging exceptions	LTD QTY
Packaging non bulk	None
Packaging bulk	None



Further information

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2013, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/13 and may be used now in place of the "Consumer Commodity ORM-D" marking but not concurrently.

IMDG

Basic shipping requirements:

Proper shipping name	AEROSOLS
Hazard class	2.1
UN number	1950
Additional information:	
Packaging exceptions	LTD QTY
Item	5F
Labels required	None
Transport Category	2



IATA

Basic shipping requirements:

Proper shipping name	Aerosols, flammable
Hazard class	2.1
UN number	1950
Additional information:	
Packaging exceptions	LTD QTY
Labels required	2.1



15. Regulatory Information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

2-Butoxyethanol	111-76-2
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1.0 % de minimis concentration (applies to R-(OCH₂CH₂)_n-OR', where n = 1,2, or 3, R=alkyl C7 or less, or R = phenyl or alkyl substituted phenyl, R' = H or alkyl C7 or less, or OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate, Chemical Category N230)

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical	Yes
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CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance	No
Section 311 hazardous chemical	Yes

Hazard categories (311/312) Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

U.S. - Pennsylvania - RTK (Right to Know) List

2-Butoxyethanol	111-76-2	Present
Ethyl Alcohol	64-17-5	Present
n-Butane	106-97-8	Present
Propane	74-98-6	Present

16. Other Information

Further information

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 1
Flammability: 2
Physical hazard: 0

Disclaimer

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. The information in the sheet was written based on the best knowledge and experience currently available. 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 and The information in the sheet was written based on the best knowledge and experience currently available.

MSDS sections updated

Product and Company Identification: Product Review
Physical & Chemical Properties: Appearance
Physical & Chemical Properties: Form

Prepared by

Regulatory Compliance

MSDS

Material Safety Data Sheet 4031
Conforms to ANSI Z-400.1-1993

CA 0230

Brady Industries, HQ

Las Vegas, NV 89118

(800) 293-4698

1 Chemical Product and Company Identification

Product: **Clinging Tub & Tile Cleaner**

Classification: Restroom Care

C00

2 Composition/Information on Hazardous Ingredients

Material	CAS#	%	OSHA(PEL)	TLV(ppm)	Other
Phosphoric Acid	7664-38-2	<18	400ppm	1 mg/m ³	N/A

3 Hazards Identification

Emergency Overview: Irritant. Causes skin and severe eye irritation. Avoid contact with skin and eyes.

WARNING

Contact with Eyes: Irritation, possible burns, depending on length of contact.

Contact with Skin: Prolonged or repeated contact may cause irritation and/or possible burns.

Skin Absorption: N/A

Ingestion Symptoms: With extended exposure may cause severe burns and erosion of exposed teeth, burns of mouth, esophagus and stomach. Consequent pain, nausea and vomiting.

Inhalation Symptoms: Irritation or burns with extended contact.

Chronic Effects: Overexposure may result in allergic skin reactions.

It is important to determine whether exposure is to concentrated or dilute product. The information in this document is intended to deal with exposure to concentrated product. Generally, exposure to diluted product will result in substantially less risk of injury than described herein.

4 First Aid Measures

Eyes: If eyes are contacted, flush with water for 15 minutes. If irritation persists seek medical attention.

Skin: If skin is contacted, wash affected area with soap and water. If irritation persists, seek medical attention.

Inhalation: If discomfort is experienced after prolonged exposure to mists/vapors, remove to fresh air. If breathing is difficult, give oxygen and seek medical attention.

Ingestion: If ingested, do NOT induce vomiting. Give moderate amounts of water to wash out mouth area and dilute remaining residue. Seek medical attention.

3/6/2006 0001 4031

Clinging Tub & Tile Cleaner Page 1 of 3

5 Fire Fighting Measures

Flash Point(F° TCC): >200°F

Flammable Limits: LEL No Data

UEL No Data

Auto Ignition Temperature: No Data

Extinguishing Media: Water Spray, Foam, Carbon Dioxide, Dry Chemical

Special Fire Fighting Procedures:

Firefighters should wear a positive pressure NIOSH approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards:

Containers exposed to heat from fires should be cooled with water fog to prevent container rupture.

6 Accidental Release Measures

Large Spills (55 gallons or more):

Wear rubber boots, gloves and appropriate protective clothing. Shut off source of leak if safe to do so. Dike and contain spill.

Small Spills:

Mop up spill and rinse area.

7 Handling and Storage

Handling: Keep out of reach of children. Follow appropriate hygiene practices.

Storage: Store in original polyethylene container in a cool dry area, away from bleach and other chemicals.

8 Exposure Controls/Personal Protection

Ventilation and Engineering Controls:

Local exhaust

Respiratory Protection:

None

Protective Gloves:

Rubber Gloves

Eye Protection:

Chemical Splash Goggles

Other Protective Equipment:

None

9 Physical and Chemical Properties

Boiling Point(F°) ≥212°F	Solubility in Water Complete	Odor: Floral
Specific Gravity: 1.07	Volatiles(% by Wt.) 82	pH: 1 - 2
Appearance: Purple	Vapor Density: >1	VOC: N/A
Evaporation Rate: <1	Vapor Pressure: <17 mm Hg	Freezing Point(F°) ≤32°F

> means less than < means greater than

These physical data are typical values based on material tested but may vary from sample to sample.
Typical values should not be construed as a guaranteed analysis of any specific lot or as specific items.

10 Stability and Reactivity**Stability:** Stable **Conditions to Avoid:** Heat**Materials to Avoid:** Strong Oxidizers**Hazardous Decomposition Products:**

Oxides of carbon, nitrogen and phosphorus

Hazardous Polymerization:

Will Not Occur

11 Toxicological Information

No Toxicology Information is available.

12 Ecological Information

No data available.

13 Disposal Considerations**Waste Disposal Method:**

Dispose of waste in accordance with federal, state and local regulations

14 Transport Information

HAZMAT: Yes	Hazard Code: 1410	ID Number: UN1760	Hazard Class: 8
Hazardous Division: Corrosive liquid, n.o.s.			Packaging Group: III
Hazardous Contents: Phosphoric acid			

15 Regulatory Information**Proposition 65:** Not Listed.**EPA:** No**16 Other Information****HMIS/NFPA Hazard Rating:** Health Flammability Reactivity

The information contained herein is based on the data available to us. It is believed to be correct. No warranty, expressed or implied, is made regarding the accuracy of this data or the results to be obtained from the use thereof. For further information consult distributor, Brady Industries, HQ

MSDS Approval Date: 2/28/2006

Clinging Tub & Tile Cleaner Page 3 of 3