

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**SENTINEL / 1212****AUGUST 2010****PAGE 1**

HEALTH	1
FIRE	0
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**CHEMICAL FAMILY:** Germicidal Cleaner and Deodorizer**SECTION 2 – Composition on Ingredients**

INGREDIENT	CAS No.	PERCENT RANGE
Water	7732-18-5	60-100%
Isobutane	75-28-5	3-7%
Tetrasodium EDTA	64-02-8	3-7%
2-Butoxyethanol	111-76-2	1-5%
Butoxydiglycol	112-34-5	1-5%
Nonoxynol 10	9016-45-9	0.5-1.5%
Propane	74-98-6	0.5-1.5%

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION 3 – Hazards Information

ACUTE HEALTH HAZARDS: WARNING: Causes substantial but temporary eye injury. May be harmful if inhaled. Harmful if absorbed through intact skin. Avoid breathing spray mist. Contents under pressure.

POTENTIAL HEALTH EFFECTS:

EYES: Causes substantial but temporary eye injury.

SKIN: Harmful if absorbed through intact skin.

INHALATION: May be harmful if inhaled, do not breathe spray mist.

INGESTION: Swallowing large amounts may be harmful.

SIGNS/SYMPTOMS OF EXPOSURE: Redness, tearing or burning in eyes. Drying, burning, cracking or redness of skin. Nose, throat, and airway irritation. Dizziness, nausea, and loss of coordination possible if inadequate ventilation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing skin conditions and lung disorders may be adversely affected. Follow good chemical hygiene practices to avoid these hazards.

SECTION 4 – First Aid Measures

EYES: Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Seek medical attention immediately.

SKIN: Immediately flush with water for 15 minutes. Remove contaminated clothing and shoes. If irritation arises and persists seek medical attention.

INHALATION: Move to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.

INGESTION: If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 – Fire Fighting Measures

FLASHPOINT (PMCC): None

EXTINGUISHING MEDIA: Not usually necessary, as this product does not readily support combustion. Use an extinguishing agent appropriate for fire's fuel source.

SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear self-contained breathing apparatus (SCBA) in chemical fires.

HAZARDOUS PRODUCTS OF COMBUSTION: Carbon dioxide, carbon monoxide, nitric acid, hydrochloric acid, and nitrous oxide.

SECTION 6 – Accidental Release Measures

SMALL SPILL: Wipe up small releases with a dry absorbent cloth or other absorbent material.

LARGE SPILL: Ventilate area and block traffic. Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers and drains. Transfer contaminated material into suitable container for proper disposal. Clean any slippery residues with suitable soap or detergent.

SECTION 7 – Handling and Storage

HANDLING: Do not get into eyes. Wash thoroughly after handling. Avoid contact with skin and clothing. Avoid inhaling mists or vapors. Use only with adequate ventilation. Do not deliberately concentrate and inhale vapors. Direct spray away from face. Spray can in upright position only. Follow good chemical hygiene practices when handling this material. Use from original container only and follow label directions carefully.

STORAGE: Keep away from heat, sparks, open flame and direct sunlight. Store in a cool (less than 120° F) well-ventilated area. Keep out of reach of children. Do not contaminate water, food or feed by use or storage. Do not puncture or incinerate container. Replace cap when not in use.

SECTION 8 – Exposure Controls/Personal Protection

EYE PROTECTION: Yes, wear approved safety glasses or goggles if direct contact is possible.

SKIN PROTECTION: Yes, wear impervious gloves if direct contact is possible.

RESPIRATORY PROTECTIONS: Not usually necessary. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

ENGINEERING CONTROLS: Ventilation not usually necessary but should be provided in the event of overexposure.

EXPOSURE LIMITS: Isobutane (CAS# 75-28-5)=800 ppm OSHA; 800 ppm ACGIH
2-Butoxyethanol (CAS# 111-76-2)=50 ppm OSHA; 20 ppm ACGIH (skin designation)
Butoxydiglycol (CAS #112-34-5)=35 ppm Dow Industrial Hygiene Guide
Propane (CAS# 74-98-6)=1000 ppm OSHA; Asphyxiant ACGIH

SECTION 9 – Physical and Chemical Properties

APPEARANCE/ODOR: Colorless to light yellow liquid with ammonia/lemon odor.

PH: 11.0 **SPECIFIC GRAVITY:** 1.020

BOILING POINT: 212°F **VOLATILE ORGANIC COMPOUNDS (VOCs):** 7.94% by wt

FLAME PROJECTION: None **SOLUBILITY IN WATER:** Complete

PRESSURE: 130 psig **VAPOR DENSITY:** >1

SECTION 10 – Stability and Reactivity

HAZARDOUS POLYMERIZATION: This product will not undergo hazardous polymerization.

HAZARDOUS DECOMPOSITION/BY-PRODUCTS: Carbon dioxide, carbon monoxide, nitric acid, hydrochloric acid, and nitrous oxide.

CHEMICAL STABILITY: Stable

INCOMPATIBILITY (Materials to Avoid): Strong oxidizers and acids.

SECTION 11 – Toxicological Information

No data.

SECTION 12 – Ecological Information

No data.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.

NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

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SECTION 13 – Disposal Consideration

DISPOSAL METHOD: Dispose of in accordance with all applicable local, state, and federal regulations.

WASTE INFORMATION: If this product becomes a waste, it would not be hazardous as defined by RCRA (40 CFR 261). However the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

SECTION 14 – Transport Information

The following transportation information is based on Department of Transportation Regulations found in 49 CFR. If shipping this product by air please refer to International Air Transport Association (IATA) Dangerous Goods Regulations. If shipping this product by ocean please refer to International Maritime Dangerous Goods Regulations (IMDG). To find how to ship this product please refer to the UN# listed below.

DOT INFORMATION:

PROPER SHIPPING DESCRIPTION: Consumer Commodity

HAZARD CLASS: ORM-d

UN NUMBER: None

PACKING GROUP: None

MARINE POLLUTANTS: None

SECTION 15 – Regulatory Information

US Federal Regulations:

TSCA (Toxic Substances Control Act) Status: All ingredients are on the TSCA inventory or are exempt from listing.

CERCLA RQ: None

SARA 313 Components: 2-Butoxyethanol (CAS No. 111-76-2) – 2.0%
Butoxydiglycol (CAS No. 112-34-5) – 2.0%

State and Local Regulations:

California Proposition 65

This product contains chemicals known to the State of California to cause cancer, and/or birth defects or other reproductive harm.

SECTION 16 – Other Information

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.

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