SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER: 1207801

PRODUCT NAME: MAGIC II

PRODUCT DESCRIPTION: Aerosol Foaming Heavy-Duty Cleaner

COMPANY INFORMATION: **PRO CHEM, INC.**
1475 Bluegrass Lakes Parkway
Alpharetta, GA 30004

COMPANY PHONE: 1-800-241-8180

EMERGENCY TELEPHONE: 1-800-535-5053

INFOTRAC: 1-800-535-5053

2. Hazards Identification

GHS CLASSIFICATION:
Aerosol Category 2
Eye Irritant: Category 2
Skin Irritant: Category 2
Specific Target Organ Toxicity (Repeated Exposure): Category 2

SIGNAL WORD:
WARNING

SYMBOL:

HAZARD STATEMENTS:
Flammable aerosol. Pressurized container: may burst if heated. Causes skin and serious eye irritation. May cause damage to respiratory tract through prolonged or repeated exposure if inhaled. This product contains the following percentage of chemicals of unknown toxicity: N/A

PRECAUTIONARY STATEMENTS:
Prevention: Keep away from heat, hot surfaces, sparks, open flames or other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe mist, vapors, or spray. Wash hands thoroughly after handling. Wear protective gloves and eye protection.
Response: IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. 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 or attention. Get medical advice or attention if you feel unwell.
Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.
Disposal: Dispose of contents and container in accordance with local, state and federal regulations.

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
2-Butoxyethanol	111-76-2	1-10%
n-Butane	106-97-8	1-10%
4-Nonylphenol, branched, ethoxylated	127087-87-0	1-10%
Ethylenediaminetetraacetic acid (EDTA)	60-00-4	1-10%
Propane	74-98-6	1-10%
Potassium hydroxide	1310-58-3	1-10%
Trade Secret Information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.		

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.

INGESTION:
Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation develops. Never give anything by mouth to an unconscious person.

INHALATION:
Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

SKIN: Immediately wash with water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

ACUTE HEALTH HAZARDS:
Causes skin irritation including redness, burning and drying/cracking. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARDS:
Prolonged inhalation may be harmful.

NOTE TO PHYSICIAN:
Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA:
Use appropriate media for surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES:
Wear NIOSH approved Self-Contained Breathing Apparatus with a full-face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

FLAMMABLE. Contents under pressure. Exposure to temperatures above 122°F (50°C) may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon.

6. Accidental Release Measures

PERSONAL PROTECTIVE EQUIPMENT:

Refer to Section 8 for proper Personal Protective Equipment.

SPILL: Eliminate all sources of ignition. Prevent spill from entering sewers, storm drains and natural waterways. Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal. Small releases may be wiped up with wiping material.

WASTE DISPOSAL:

Dispose of in accordance with local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

RCRA STATUS:

Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. Handling and Storage

HANDLING AND STORAGE:

Do not use or store near heat, open flames or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in a cool, dry area. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Do not use or store with strong oxidizers. Wash hands thoroughly after handling.

OTHER PRECAUTIONS:

Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY:

Strong oxidizing agents.

8. Exposure Controls / Personal Protection

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
2-Butoxyethanol	50 ppm	20 ppm
n-Butane	15 mg/m^3 (total dust)	10000 ppm
4-Nonylphenol, branched, ethoxylated	15 mg/m^3 (total dust)	Not Established
Ethylenediaminetetraacetic acid (EDTA)	15 mg/m^3 (total dust)	Not Established
Propane	1000 ppm	1000 ppm
Potassium hydroxide	2 mg/m^3	2 mg/m^3

ENGINEERING CONTROLS / VENTILATION:

Local ventilation/exhaust adequate to maintain vapor concentrations below PEL/TLV.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.

Eye/Face Protection: Safety glasses/goggles

Skin Protection: Chemical resistant gloves.

Respiratory Protection: Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

ADDITIONAL MEASURES:

Avoid contact with skin, eyes or clothing. Avoid breathing spray. Wash hands thoroughly after handling. No smoking or open flames.

9. Physical & Chemical Properties

Appearance:	Clear, colorless spray.	**Explosive Limit-Lower (%):**	Not determined.
Odor:	Citrus scent, moderate ammonia odor.	**Explosive Limit-Upper (%):**	Not determined.
Odor Threshold:	Not determined.	**Vapor Pressure (mm Hg):**	Not determined.
pH:	11.3-11.7	**Vapor Density (AIR=1):**	Not determined.
Melting/Freezing Point:	Not determined.	**Relative Density (H2O=1):**	0.99 - 1.010 @ 77°F (25°C)
Initial Boiling Point/Range:	> 130°F (54.4°C)	**Solids:**	2.0 – 4.0%
Flash Point:	Not determined.	**Solubility(ies):**	100% water
Evaporation Rate:	Slow.	**Partition Coefficient (n-octanol/water) (KOW):**	Not determined.
Flammability(solid/gas):	Flammable aerosol.	**Auto-Ignition Temperature:**	Not determined.
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:		**Decomposition Temperature:**	Not determined.
Flammability Limit-lower (%):	Not determined.	**Viscosity:**	Not determined.
Flammability Limit-upper (%):	Not determined.		

10. Stability & Reactivity Information

REACTIVITY:

None known.

CHEMICAL STABILITY:

Stable.

POSSIBLE HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:
Temperatures greater than 122°F (50°C) and sources of ignition. Avoid incompatible materials.
INCOMPATIBLE MATERIALS:
Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:
Oxides of carbon.

11. Toxicological Information

TOXICOLOGICAL INFORMATION:
2-Butoxyethanol (111-76-2): LD_{50} (Oral, Rat) 320 mg/kg; LD50 (Dermal, Rabbit) 440 mg/kg; LC_{50} (Inhalation, Mice, 4h) 700 ppm. **Butane** (106-97-8): LC_{50} (Inhalation, Rat, 4h) 30957 mg/m^3. **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LD_{50} (Oral) 3314 mg/kg; LD_{50} (Dermal, Rabbit) > 3000 mg/kg. **Propane** (74-98-6): LC_{50} (Inhalation, Rat, 4h) 658 mg/L. **Potassium hydroxide** (1310-58-3): LD_{50} (Oral, Rat) 273 mg/kg.
ROUTES OF ENTRY: Eyes, Inhalation, Skin
EYES: Causes irritation, redness, tearing, pain.
INGESTION: Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting.
INHALATION: May cause respiratory tract irritation, dizziness, headaches, nausea, unconsciousness, central nervous system (CNS) depression.
SKIN: May cause mild irritation, localized defatting and dermatitis.
MEDICAL CONDITION AGGRAVATED:
Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.
ACUTE HEALTH HAZARDS:
Causes skin irritation including redness, burning and drying/cracking. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
CHRONIC HEALTH HAZARDS:
Prolonged inhalation may be harmful.
CARCINOGENICITY:
OSHA: No **ACGIH:** No **NTP:** No **IARC:** 3 - Not classifiable **OTHER:** N/A

12. Ecological Information

ECOTOXICITY:
Harmful to aquatic life with long lasting effects. **Potassium hydroxide** (1310-58-3): LC_{50} (Gambusia affinis, 96h) 80 mg/L.
Ethylenediaminetetraacetic acid (EDTA) (60-00-4): LC_{50} (Lepomis macrochirus, 96h) > 1000 mg/L; EC_{50} (Daphnia magna, 48h, static) 140 mg/L; ErC_{50} (Pseudokirchneriella subcapitata, 72h) > 300 mg/L; NOEC (Danio rerio, 35d, flow through) 37.2 mg/L; NOEC (Daphnia magna, 21d) 25 mg/L **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LC_{50} (Pimephales promelas, 96h) 7.7 mg/L; EC_{50} (Daphnia, 48h) 21.4 mg/L. **2-Butoxyethanol** (111-76-2): LC_{50} (Fish, 96h) 1370 mg/L; LC_{50} (Menidia beryllina, 96h) 1250 mg/L.
PERSISTENCE AND DEGRADABILITY:
Component or components of this product are expected to biodegrade over time.
BIOACCUMULATIVE POTENTIAL:
Component or components in this product are not expected to bioaccumulate.
MOBILITY IN SOIL:
Component or components in this product are mobile in soil.
OTHER ADVERSE EFFECTS:
None known.

13. Disposal Consideration

WASTE DISPOSAL:
Dispose of in accordance with local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.
RCRA STATUS:
Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. Transportation Information

DOT: **Proper Shipping Name:** Aerosols, Ltd. Qty.
Hazard Class/Division: 2.1
UN/NA Number: UN1950
Packing Group: N/A
IATA: **AIR SHIPMENT**
Proper Shipping Name: Aerosols, flammable.
Hazard Class/Division: 2.1
UN/NA Number: UN1950
Packing Group: N/A
IMDG: **SHIPPING BY WATER: Vessel (IMO/IMDG)**
Proper Shipping Name: Aerosols.
Hazard Class/Division: 2.1
UN/NA Number: UN1950
Packing Group: N/A
Environmental Hazards Water: Marine Pollutant.

15. Regulatory Information

TSCA STATUS:

All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

Potassium hydroxide (1310-58-3) Reportable Quantity = 1,000 pounds.
Ethylenediaminetetraacetic acid (EDTA) (60-00-4) Reportable Quantity = 5,000 pounds.
Sodium nitrite (7632-00-0) Reportable Quantity = 100 pounds.
Ammonium hydroxide (1336-21-6) Reportable Quantity = 1,000 pounds.

SARA 311/312 HAZARD CATEGORIES:

Physical & health hazards.

SARA 313 REPORTABLE INGREDIENTS:

Certain Glycol Ethers (Category Code N230).

CLEAN WATER ACT:

Potassium hydroxide (1310-58-3) is a hazardous substance.
Ethylenediaminetetraacetic acid (EDTA) (60 00-4) is a hazardous substance.
Sodium nitrite (7632-00-0) is a hazardous substance.
Ammonium hydroxide (1336-21-6) is a hazardous substance.

STATE REGULATIONS:

California Proposition 65: This product does not contain chemicals regulated by California Proposition 65. **2-Butoxyethanol** (111-76-2): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA, RI. **4-Nonylphenol, branched, ethoxylated** (127087-87-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: ME, MA, MN, NJ. **Ethylenediaminetetraacetic acid (EDTA)** (60-00-4): Included on State Hazardous Substances Inventories, Right to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA. **Potassium hydroxide** (1310-58-3): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, IL, LA, MA, MN, NJ, NY, PA, RI. **Sodium nitrite** (7632-00-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, NJ, PA. **Ammonium hydroxide** (1336-21-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA.

INTERNATIONAL REGULATIONS:

Listed or exempt from listing/notification on the following chemical inventories: Australian Inventory of Industrial Chemicals (AIIC, Australia). Inventory of Existing Chemical Substances in China (IECSC, China). Existing and New Chemical Substances (ENCS, Japan). New Zealand Inventory of Chemicals (NZIoC, New Zealand). Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines). Korea Existing Chemicals Inventory (KECI, South Korea).

VOLATILE ORGANIC COMPOUNDS (VOC): 7.8%

16. Other Information

N/A = Not Applicable; N/D = Not Determined

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.