

SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1215	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	MAGIC	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol High Foaming, Heavy-Duty Cleaner	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable Aerosols: Category 1 Skin Corrosion/Irritation: Category 2 Serious Eye Damage/eye Irritation: Category 2A OSHA defined hazards: Not classified.	SIGNAL WORD: DANGER	SYMBOL:	
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HAZARD STATEMENTS:

Extremely flammable aerosol. Causes skin irritation. Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:

Prevention: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash thoroughly after handling. Wear eye protection/face protection. Wear protective gloves.

Response: IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF EXPOSED OR CONCERNED: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Dispose of waste and residues in accordance with local authority requirements.

HAZARDS NOT OTHERWISE SPECIFIED:

None known.

SUPPLEMENTAL INFORMATION:

None.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Butane	106-97-8	2.5 - 10
2-butoxyethanol	111-76-2	1 - 2.5
Disodium Metasilicate	6834-92-0	1 - 2.5
Polyethylene Glycol Octylphenyl Ether	9036-19-5	1 - 2.5
Propane	74-98-6	1 - 2.5
Trisodium Phosphate	10101-89-0	1 - 2.5
Other components below reportable levels		80 - 90

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

EYES: 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 and persists.

SKIN: Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

INHALATION:

Move to fresh air. Call a physician if symptoms develop or persist.

INGESTION:

In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Skin irritation. May cause redness and pain.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Not available.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Do not use water jet as an extinguisher, as this will spread the fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

SPECIFIC FIRE-FIGHTING METHODS:

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes. Containers should be cooled with water to prevent vapor pressure buildup. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots and in enclosed spaces, SCBA.

GENERAL FIRE HAZARDS:

Extremely flammable aerosol.

6. Accidental Release Measures**PERSONAL PRECAUTIONS:**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during cleanup. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see Section 8 of the SDS.

ENVIRONMENTAL PRECAUTIONS:

Avoid discharge into drains, water courses or onto the ground.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see Section 13 of the SDS.

7. Handling and Storage**SAFE HANDLING:**

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind or expose containers to heat, flame, sparks or other sources of ignition. All equipment used when handling the product must be grounded. Do not reuse empty containers. Avoid contact with eyes, skin and clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

SAFE STORAGE & INCOMPATIBILITIES:

Level 1 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (See Section 10 of the SDS).

Level 1 Aerosol (NFPA 30B).

8. Exposure Controls / Personal Protection**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value
2-butoxyethanol (CAS 111-76-2)	PEL	240 mg/m ³ 50 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m ³ 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
2-butoxyethanol (CAS 111-76-2)	TWA	20 ppm
Butane (CAS 106-97-8)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
2-butoxyethanol (CAS 111-76-2)	TWA	24 mg/m ³ 5 ppm
Butane (CAS 106-97-8)	TWA	1900 mg/m ³ 800 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m ³ 1000 ppm

BIOLOGICAL LIMIT VALUES**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
2-butoxyethanol (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*

* - For sampling details, please see the source document.

EXPOSURE GUIDELINES:**US - California OELs: Skin designation:**

2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies:

2-butoxyethanol (CAS 111-76-2) Skin designation applies.

US - Tennessee OELs: Skin designation:

2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin Designation:

2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection: Face shield is recommended. Wear safety glasses with side shields (or goggles).

Skin Protection: Hand Protection: For prolonged or repeated skin contact use suitable protective gloves. Other: Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Thermal Hazards: Wear appropriate thermal protective clothing, when necessary.

General Hygiene Considerations: When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

APPROPRIATE ENGINEERING CONTROLS:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eyewash facilities and emergency shower must be available when handling this product.

9. Physical & Chemical Properties

Physical State:	Gas.	Flammability(solid/gas):	Not available.
Form:	Aerosol.	Flammability Limit-lower (%):	Not available.
Color:	Not available.	Flammability Limit-upper (%):	Not available.
Odor:	Not available.	Explosive Limit-Lower (%):	Not available.
Odor Threshold:	Not available.	Explosive Limit-Upper (%):	Not available.
pH:	Not available.	Vapor Density:	Not available.
Melting/Freezing Point:	Not available.	Vapor Pressure:	Not available.
Initial Boiling Point/Range:	212°F (100°C) estimated.	Relative Density:	Not available.
Viscosity:	Not available.	Solubility (water):	Not available.
Flash Point:	-156.0°F (-104.4°C) Propellant estimated.	Auto-Ignition Temp:	Not available.
Specific Gravity:	0.979 estimated.	Decomposition Temp:	Not available.
Evaporation Rate:	Not available.	Partition Coeff(n-octanol/water):	Not available.
Oxidizing Properties:	Not oxidizing.	Explosive Properties:	Not explosive.

10. Stability & Reactivity Information**REACTIVITY:**

The product is stable and nonreactive under normal conditions of use, storage and transport.

CHEMICAL STABILITY:

Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

Hazardous polymerization does not occur.

CONDITIONS TO AVOID:

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents. Nitrates. Fluorine. Chlorine.

HAZARDOUS DECOMPOSITION PRODUCTS:

No hazardous decomposition products are known.

11. Toxicological Information**PRIMARY ROUTE OF ENTRY:**

Eyes: Causes serious eye irritation.

Skin: Causes skin irritation.

Inhalation: No adverse effects due to inhalation are expected.

Ingestion: Expected to be a low ingestion hazard.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Skin irritation. May cause redness and pain.

ACUTE TOXICITY:

Components	Species	Test Results
2-butoxyethanol (CAS 111-76-2)		
Acute		
<i>Dermal</i> LD50	Guinea pig	7.3 ml/kg, 4 Days
	Rabbit	0.23 ml/kg, 24 Hours
		435 mg/kg, 24 Hours
		0.68 ml/kg, 24 Hours
		0.63 ml/kg
<i>Inhalation</i> LC50	Rat	>2000 mg/kg, 24 Hours
	Rabbit	400 ppm, 7 Hours
	Rat	450 ppm, 4 Hours
<i>Oral</i> LD100	Rabbit	695 mg/kg
	Dog	>695 mg/kg

Butane (CAS 106-97-8)	Guinea pig Mouse Rat	1414 mg/kg 1519 mg/kg 1746 mg/kg
Acute <i>Inhalation</i> LC50	Mouse	1237 mg/l, 120 Minutes 52%, 120 Minutes 1355 mg/l
Disodium Metasilicate (CAS 6834-92-0)		
Acute <i>Dermal</i> LD50	Rat	>5000 mg/kg, 24 Hours
<i>Inhalation</i> LC50	Rat	>2.06 mg/l, 4 Hours
<i>Oral</i> LD50	Mouse Rat	661.5 - 896.3 mg/kg 994.7 - 1335.9 mg/kg
Polyethylene Glycol Octylphenyl Ether (CAS 9036-19-5)		
Acute <i>Oral</i> LD50	Rat	4190 mg/kg
Propane (CAS 74-98-6)		
Acute <i>Inhalation</i> LC50	Mouse Rat	1237 mg/l, 120 Minutes 52%, 120 Minutes 1355 mg/l 658 mg/l/4h
Trisodium Phosphate (CAS 10101-89-0)		
Acute <i>Oral</i> LD50	Rat	7400 mg/kg
* Estimates for product may be based on additional component data not shown.		
SKIN CORROSION/IRRITATION: Causes skin irritation.		
SERIOUS EYE DAMAGE/EYE IRRITATION: Causes serious eye irritation.		
RESPIRATORY SENSITIZATION: Not a respiratory sensitizer.		
SKIN SENSITIZATION: This product is not expected to cause skin sensitization.		
GERM CELL MUTAGENICITY: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		
CARCINOGENICITY: This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA. IARC Monographs. Overall Evaluation of Carcinogenicity: 2-butoxyethanol (CAS 111-76-2) 3 Not classifiable as to carcinogenicity to humans. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not regulated. US. National Toxicology Program (NTP) Report on Carcinogens: Not listed.		
REPRODUCTIVE TOXICITY: This product is not expected to cause reproductive or developmental effects.		
SPECIFIC TARGET ORGAN TOXICITY -single exposure: Not classified.		
SPECIFIC TARGET ORGAN TOXICITY -repeated exposure: Not classified.		
ASPIRATION HAZARD: Not likely, due to the form of the product.		

12. Ecological Information			
ECOTOXICITY: This product is not classified.			
Product		Species	Test Results
MAGIC			
Aquatic Fish	LC50	Fish	13176 mg/L, 96 Hours
Components		Species	Test Results
2-butoxyethanol (CAS 111-76-2)			
Aquatic Fish	LC50	Inland silverside (Menidia beryllina)	1250 mg/l, 96 hours
Polyethylene Glycol Octylphenyl Ether (CAS 9036-19-5)			

AquaticFish LC50 Rainbow trout, donaldson trout (*Oncorhynchus mykiss*) 7.2 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

PERSISTENCE AND DEGRADABILITY:

No data is available on the degradability of this product.

BIOACCUMULATIVE POTENTIAL:**Partition coefficient n-octanol / water (log Kow)**

2-butoxyethanol	0.83
Butane	2.89
Propane	2.36

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Consideration**DISPOSAL INSTRUCTIONS:**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

LOCAL DISPOSAL REGULATIONS:

Dispose in accordance with all applicable regulations.

HAZARDOUS WASTE CODE:

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

WASTE FROM RESIDUES/UNUSED PRODUCTS:

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (See: Disposal instructions).

CONTAMINATED PACKAGING:

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

14. Transportation Information**DOT: UN Number: UN1950****UN Proper Shipping Name:** Aerosols, flammable, (each not exceeding 1 L capacity)**Transport Hazard Class(es):**

Class: 2.1

Subsidiary risk: -

Label(s): 2.1

Packing Group: Not applicable.**Special Precautions for User:** Read safety instructions, SDS and emergency procedures before handling.**Special Provisions:** N82**Packaging Exceptions:** 306**Packaging Non-Bulk:** None.**Packaging Bulk:** None.

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

IATA: UN Number: UN1950**UN Proper Shipping Name:** Aerosols, flammable.**Transport Hazard Class(es):**

Class: 2.1

Subsidiary risk: -

Label(s): 2.1

Packing Group: Not applicable.**Environmental Hazards:** No.**ERG Code:** 10L**Special Precautions For User:** Read safety instructions, SDS and emergency procedures before handling.**Other Information:****Passenger and Cargo Aircraft:** Allowed with restrictions.**Cargo Aircraft Only:** Allowed with restrictions.**IMDG: UN Number: UN1950****UN Proper Shipping Name:** AEROSOLS**Transport Hazard Class(es):**

Class: 2.1

Subsidiary risk: -

Label(s): 2.1

Packing Group: Not applicable.**Environmental Hazards:****Marine Pollutant:** No.**EmS:** F-D, S-U**Special Precautions For User:** Read safety instructions, SDS and emergency procedures before handling.**Packaging Exceptions:** LTD QTY**TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:**

Not applicable.



15. Regulatory Information

US FEDERAL REGULATIONS:

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

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4):

Trisodium Phosphate (CAS 10101-89-0) Listed.

SARA 304 Emergency release notification: Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not regulated.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):

Hazard categories:

Immediate Hazard – Yes.

Delayed Hazard – No.

Fire Hazard – Yes.

Pressure Hazard – No.

Reactivity Hazard – No.

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous chemical: No.

SARA 313 (TRI reporting):

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% by wt.</u>
2-butoxyethanol	111-76-2	1 - 2.5

OTHER FEDERAL REGULATIONS:

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA): Not regulated.

US STATE REGULATIONS:

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100): Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.(a)):

2-butoxyethanol (CAS 111-76-2)

Butane (CAS 106-97-8)

US. Massachusetts RTK - Substance List:

2-butoxyethanol (CAS 111-76-2)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

Trisodium Phosphate (CAS 10101-89-0)

US. New Jersey Worker and Community Right-to-Know Act:

2-butoxyethanol (CAS 111-76-2)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law:

2-butoxyethanol (CAS 111-76-2)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

Trisodium Phosphate (CAS 10101-89-0)

US. Rhode Island RTK:

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

Trisodium Phosphate (CAS 10101-89-0)

US. California Proposition 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance:

1,4-Dioxane (CAS 123-91-1) Listed: January 1, 1988

<u>Country(s) or region</u>	<u>Inventory name</u>	<u>On inventory (yes/no)*</u>
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

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.