



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	1252	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	BATTERY SAVER	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Aerosol Battery Terminal Cleaner & Protector.	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Flammable aerosols - Category 1 <b>Health Hazards:</b> Not classified. <b>Environmental hazards:</b> Not classified. <b>OSHA defined hazards:</b> Not classified.	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>	
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### HAZARD STATEMENTS:

Extremely flammable aerosol.

### 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.

#### Response:

Wash hands after handling.

#### 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
Sodium Bicarbonate	144-55-8	2.5 - 10
2-Butoxyethanol	111-76-2	1 - 2.5
Propane	74-98-6	1 - 2.5
Ammonium Hydroxide	1336-21-6	0.1 - 1
Other components below reportable levels		90 - 100

\*Designates that 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. Get medical attention if irritation develops and persists.

**SKIN:** Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

### INHALATION:

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

### INGESTION:

Rinse mouth. Get medical attention if symptoms occur.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Direct contact with eyes may cause temporary irritation.

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Provide general supportive measures and treat symptomatically.

### GENERAL INFORMATION:

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

## 5. Fire Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

### 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 build up. 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 FIRE FIGHTERS:

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, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. 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.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Refer to attached Safety Data Sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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. Prevent entry into waterways, sewer, basements, or confined areas. 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

### ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

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

## 7. Handling and Storage

### PRECAUTIONS FOR 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. Use non-sparking tools and explosion-proof equipment. Do not reuse empty containers. Do not get in eyes, on skin, or on clothing. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid prolonged exposure. Use only in well-ventilated areas.

Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY 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 in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure Controls / Personal Protection

### OCCUPATIONAL EXPOSURE LIMITS

#### US. OSHA TABLE Z-1 LIMITS FOR AIR CONTAMINANTS (29 CFR 1910.1000)


COMPONENTS	CAS #	TYPE	VALUE
2-Butoxyethanol	(CAS 111-76-2)	PEL	240 mg/m <sup>3</sup>
Propane	(CAS 74-98-6)	PEL	50 ppm 1800 mg/m <sup>3</sup> 1000 ppm

#### US. ACGIH THRESHOLD LIMIT VALUES

COMPONENTS	CAS #	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	CAS #	TYPE	VALUE
2-Butoxyethanol	(CAS 111-76-2)	TWA	24 mg/m <sup>3</sup>
Butane	(CAS 106-97-8)	TWA	5 ppm 1900 mg/m <sup>3</sup> 800 ppm 1800 mg/m <sup>3</sup> 1000 ppm
Propane	CAS (74-98-6)	TWA	1800 mg/m <sup>3</sup> 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				
<b>US - California OELs: Skin designation</b>				
2-Butoxyethanol (CAS 111-76-2)	Can be absorbed through the skin.			
<b>US - Minnesota Haz Subs: Skin designation applies</b>				
2-Butoxyethanol (CAS 111-76-2)	Skin designation applies.			
<b>US - Tennessee OELs: Skin designation</b>				
2-Butoxyethanol (CAS 111-76-2)	Can be absorbed through the skin.			
<b>US NIOSH Pocket Guide to Chemical Hazards: Skin designation</b>				
2-Butoxyethanol (CAS 111-76-2)	Can be absorbed through the skin.			
<b>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</b>				
2-Butoxyethanol (CAS 111-76-2)	Can be absorbed through the skin.			
APPROPRIATE ENGINEERING CONTROLS:				
Explosion-proof general and local exhaust ventilation. 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.				
INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:				
				
<b>Eye Protection:</b> Wear safety glasses with side shields (or goggles).				
<b>Skin Protection:</b> Wear appropriate chemical resistant gloves. Wear suitable protective clothing.				
<b>Respiratory Protection:</b> If permissible levels are exceeded, use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.				
<b>Thermal Hazards:</b> Wear appropriate thermal protective clothing, when necessary.				
<b>General Hygiene Considerations:</b> 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.				

### 9. Physical & Chemical Properties

<b>APPEARANCE:</b>		<b>FLAMMABILITY(solid/gas):</b>	Not available.
<b>Physical State:</b>	Gas	<b>Flammability Limit-lower (%):</b>	Not available.
<b>Form:</b>	Aerosol.	<b>Flammability Limit-upper (%):</b>	Not available.
<b>Color:</b>	Orange	<b>Explosive Limit - lower (%):</b>	Not available.
<b>ODOR:</b>	Ammoniacal.	<b>Explosive Limit - upper (%):</b>	Not available.
<b>ODOR THRESHOLD:</b>	Not available.	<b>VAPOR PRESSURE:</b>	50 psig @70°F estimated
<b>pH:</b>	Not available.	<b>VAPOR DENSITY:</b>	Not available.
<b>MELTING/FREEZING POINT:</b>	Not available.	<b>RELATIVE DENSITY:</b>	Not available.
<b>PARTITION COEFFICIENT (n-octanol/water):</b>	Not available.	<b>SOLUBILITY (water):</b>	Not available.
<b>VISCOSITY:</b>	Not available.	<b>AUTO-IGNITION TEMP:</b>	Not available.
<b>SPECIFIC GRAVITY:</b>	0.99 estimated	<b>DECOMPOSITION TEMP:</b>	Not available.
<b>FLASH POINT:</b>	-156.0 °F (-104.4 °C) Propellant estimated	<b>BOILING POINT/RANGE:</b>	212 °F (100 °C) estimated
		<b>EVAPORATION RATE:</b>	Not available.

### 10. Stability & Reactivity Information

<b>REACTIVITY:</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>CHEMICAL STABILITY:</b>	Material is stable under normal conditions.
<b>INCOMPATIBLE MATERIALS:</b>	Strong oxidizing agents.
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.
<b>CONDITIONS TO AVOID:</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. Fire or intense heat may cause violent rupture of packages.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	No hazardous decomposition products are known.

### 11. Toxicological Information

<b>INFORMATION ON LIKELY ROUTES OF EXPOSURE</b>	
<b>EYES:</b>	Direct contact with eyes may cause temporary irritation.
<b>SKIN:</b>	No adverse effects due to skin contact are expected.

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

**INHALATION:** Prolonged inhalation may be harmful.

**INGESTION:** Expected to be a low ingestion hazard.

**SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:**

Direct contact with eyes may cause temporary irritation.

**ACUTE TOXICITY:**

Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

COMPONENTS	SPECIES	TEST RESULTS
<b>BATTERY SAVER</b>		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Guinea pig	11332.8408 ml/kg, 24 Hours estimated
	Rabbit	359.6945 ml/kg, 4 Days estimated
	Rat	15923.0293 mg/kg estimated
		6105.5503 ml/kg estimated
		94397.6328 mg/kg estimated
<i>Inhalation</i>		
LC100	Cat	2250 % estimated
LC50	Guinea pig	41666.668 mg/m3, 2 Hours estimated
	Mouse	62500 mg/m3, 2 Hours estimated
		30925 mg/l, 120 Minutes estimated
		1300 %, 120 Minutes estimated
		400.0001 mm/l, 2 Hours estimated
	Rabbit	19709.2871 ppm, 7 Hours estimated
	Rat	23529.4219 mg/l, 4 Hours estimated
		20759.166 ppm, 4 Hours estimated 12749.0313 mg/l/4h estimated
		8741.7559 mg/l, If <1L: Consumer Commodity Hours estimated
		119.7917 mg/l, 2 hours estimated
<i>Oral</i>		
LD100	Rabbit	34244.8867 mg/kg estimated
LD50	Dog	34244.8867 mg/kg estimated
	Guinea pig	59127.8633 mg/kg estimated
	Rat	17752.4043 mg/kg estimated

COMPONENTS	SPECIES	TEST RESULTS
<b>2-BUTOXYETHANOL (CAS 111-76-2)</b>		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Guinea pig	230 ml/kg, 24 Hours
	Rabbit	7.3 ml/kg, 4 Days
		450 ml/kg, 24 Hours
		435 mg/kg, 24 Hours
		0.63 ml/kg
		> 2000 mg/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rabbit	400 ppm, 7 Hours
	Rat	450 ppm, 4 Hours
<i>Oral</i>		
LD100	Rabbit	695 mg/kg
LD50	Dog	> 695 mg/kg
	Guinea pig	1200 mg/kg
	Rat	530 - 2800 mg/kg
<b>BUTANE (CAS 106-97-8)</b>		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
<b>PROPANE (CAS 74-98-6)</b>		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
<b>SODIUM BICARBONATE (CAS 144-55-8)</b>		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	> 4000 mg/kg

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

**SKIN CORROSION/IRRITATION :**

Prolonged skin contact may cause temporary irritation.

**SERIOUS EYE DAMAGE/EYE IRRITATION:**

Direct contact with eyes may cause temporary irritation.

**RESPIRATORY OR SKIN SENSITIZATION:**

**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.

**CARCINOGENIC INFORMATION:**

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 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 an aspiration hazard. Not likely, due to the form of the product.

**CHRONIC EFFECTS:**

Prolonged inhalation may be harmful. May be harmful if absorbed through skin.

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

**12. Ecological Information****ECOTOXICITY:**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

PRODUCT	SPECIES		TEST RESULTS
<b>BATTERY SAVER</b>			
<b>Aquatic</b>			
Algae	IC50	Algae	16284.5547 mg/L, 72 Hours estimated
Crustacea	EC50	Daphnia	554.8757 mg/l, 48 hours estimated
Fish	LC50	Fish	1424.9493 mg/l, 96 hours estimated
<b>COMPONENTS</b>			
<b>2-BUTOXYETHANOL (CAS 111-76-2)</b>			
<b>Aquatic</b>			
Fish	LC50	Inland silverside (Menidia beryllina)	1250 mg/l, 96 hours
<b>AMMONIUM HYDROXIDE (CAS 1336-21-6)</b>			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia	0.66 mg/L, 48 Hours
Fish	LC50	Western mosquitofish (Gambusia affinis)	15 mg/l, 96 hours
<b>SODIUM BICARBONATE (CAS 144-55-8)</b>			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia	2350 mg/L, 48 Hours
Fish	LC50	Western mosquitofish (Gambusia affinis)	7550 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:**

No data available.

**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:**

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

**14. Transportation Information****DOT**

**UN NUMBER:** UN1950  
**UN PROPER SHIPPING NAME:** Aerosols, flammable  
**TRANSPORT HAZARD CLASS(ES)**  
 Class: 2.1  
 Subsidiary Risk: -  
 Label(s): None.



**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 UN 1950 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 and both may be displayed concurrently.

**IATA**

**UN NUMBER:** UN1950  
**UN PROPER SHIPPING NAME:** Aerosols, flammable  
**TRANSPORT HAZARD CLASS(ES)**  
 Class: 2.1  
 Subsidiary Risk: -  
 Label(s): None.



**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.  
**CARGO AIRCRAFT ONLY:** Allowed.  
**PACKAGING EXCEPTIONS:** LTD QTY

**IMDG**

**UN NUMBER:** UN1950  
**UN PROPER SHIPPING NAME:** AEROSOLS  
**TRANSPORT HAZARD CLASS(ES)**  
 Class: 2.1  
 Subsidiary Risk: -  
 Label(s): None.

**PACKING GROUP:** Not applicable.  
**ENVIRONMENTAL HAZARDS:**  
 Marine pollutant: No.  
 EmS: Not available  
**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. All components are on the U.S. EPA TSCA Inventory List.

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

**CERCLA Hazardous Substance List (40 CFR 302.4):**

Ammonium Hydroxide (CAS 1336-21-6) Listed.

**SARA 304 Emergency release notification:** Not regulated.

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

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories:**  
 Immediate Hazard – No.  
 Delayed Hazard – No.  
 Fire Hazard – Yes.  
 Pressure Hazard – No.  
 Reactivity Hazard – No.

**SARA 302 EXTREMELY HAZARDOUS SUBSTANCE**

Chemical Name (CAS #)	Reportable Quantity	Threshold Planning Quantity	Threshold Planning Quantity, Lower Value	Threshold Planning Quantity, Upper Value
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Formaldehyde (50-00-0)	100	500 lbs		
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SARA 311/312 Hazardous Chemical: No.

**SARA 313 (TRI REPORTING)**

CHEMICAL NAME	(CAS NUMBER)	% BY WT.
Formaldehyde	(50-00-0)	0.01-0.1

**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. Massachusetts RTK - Substance List**

2-Butoxyethanol (CAS 111-76-2) Ammonium Hydroxide (CAS 1336-21-6) Butane (CAS 106-97-8) Propane (CAS 74-98-6)

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

2-Butoxyethanol (CAS 111-76-2) Ammonium Hydroxide (CAS 1336-21-6) 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) Ammonium Hydroxide (CAS 1336-21-6) Butane (CAS 106-97-8) Propane (CAS 74-98-6)

**US. Rhode Island RTK**

Ammonium Hydroxide (CAS 1336-21-6) Butane (CAS 106-97-8) Propane (CAS 74-98-6)

**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**

Diethanolamine (CAS 111-42-2) Listed: June 22, 2012

Formaldehyde (CAS 50-00-0) Listed: January 1, 1988

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
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)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	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)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**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.