

# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier** 88600

**Product Name** CLR Power Plumber Drain Opener

**Other means of identification**

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Drain openers

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Supplier Name** Jelmar  
**Supplier Address** 5550 W Touhy Ave  
Skokie  
IL  
60203  
US

**Supplier Phone Number** Phone:800-323-5497  
Fax:847-675-8780  
Contact Phone1-800-323-5497

**Supplier Email** ajgutterman@jeomar.com

**Emergency telephone number**

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable gases	Category 1
Gases under pressure	Compressed gas



**GHS Label elements, including precautionary statements****Emergency Overview**

<b>Signal word</b>	<b>Danger</b>		
Extremely flammable gas Contains gas under pressure; may explode if heated			
			
<b>Appearance</b>	Clear	<b>Physical State</b>	Gas only Aerosol
			<b>Odor</b> Faint ethereal

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Pressurized container: Do not pierce or burn, even after use  
 Do not spray on an open flame or other ignition source

**Precautionary Statements - Response****Fire**

Leaking gas fire: Do not extinguish, unless leak can be stopped safely  
 Eliminate all ignition sources if safe to do so

**Precautionary Statements - Storage**

Store in a well-ventilated place  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Asphyxiant in high concentrations  
 PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION  
 May cause slight eye irritation  
 INHALATION MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS  
 Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal

**Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Chemical Name	CAS No	Weight-%	Trade Secret
Trade Secret	Proprietary	60 - 100	*

### 4. FIRST AID MEASURES

#### First aid measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash with soap and water. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Clothing frozen to the skin should be thawed before being removed. IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

#### Most important symptoms and effects, both acute and delayed

**Most Important Symptoms and Effects** No information available.

#### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Dry chemical. Carbon dioxide (CO<sub>2</sub>).

### **Unsuitable Extinguishing Media**

DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

### **Specific Hazards Arising from the Chemical**

Will be easily ignited by heat, sparks or flames. Will form explosive mixtures with air. Vapors from liquefied gas are initially heavier than air and spread along ground. Vapors may travel to source of ignition and flash back. Ruptured cylinders may rocket.

#### **Uniform Fire Code**

Compressed Gas: Flammable

### **Hazardous Combustion Products**

Carbon oxides.

### **Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** Yes.

### **Protective equipment and precautions for firefighters**

DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED. Move containers from fire area if you can do it without risk.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

#### **Personal Precautions**

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk.

#### **Other Information**

Ventilate the area.

### **Environmental Precautions**

#### **Environmental Precautions**

Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material. Prevent spreading of vapors through sewers, ventilation systems and confined areas.

### **Methods and material for containment and cleaning up**

#### **Methods for Containment**

If possible, turn leaking containers so that gas escapes rather than liquid. Isolate area until gas has dispersed.

#### **Methods for cleaning up**

Do not direct water at spill or source of leak.



## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### Handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protection equipment. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Use only with adequate ventilation and in closed systems. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Do not stick pin or any other sharp object into opening on top of can.

### Conditions for safe storage, including any incompatibilities

#### Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

#### Incompatible Products

None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

### Appropriate engineering controls

#### Engineering Measures

Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

#### Eye/Face Protection

Tight sealing safety goggles.

#### Skin and Body Protection

Wear protective gloves and protective clothing.

#### Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES



**Physical and Chemical Properties**

<b>Physical State</b>	Gas only Aerosol	<b>Odor</b>	Faint ethereal
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	No information available
<b>Color</b>	No information available		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/ Method</u></b>
<b>pH</b>	Neutral	None known
<b>Melting / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	25C	None known
<b>Flash Point</b>	No data available	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	87 psia	None known
<b>Vapor density</b>	2.4 (air=1)	None known
<b>Specific Gravity</b>	.90	None known
<b>Water Solubility</b>	Soluble (>1%)	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	

**Other Information**

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible materials

None known based on information supplied.

### Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

#### Inhalation

Specific test data for the substance or mixture is not available.

#### Eye Contact

Specific test data for the substance or mixture is not available.

#### Skin Contact

Specific test data for the substance or mixture is not available.

#### Ingestion

Specific test data for the substance or mixture is not available.

#### Component Information

### Information on toxicological effects

#### Symptoms

No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Sensitization

No information available.

#### Mutagenic Effects

No information available.

<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic Toxicity</b>	No known effect based on information supplied.
<b>Target Organ Effects</b>	Central Nervous System (CNS). Heart.
<b>Aspiration Hazard</b>	No information available.

#### **Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document  
Not applicable

## **12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

The environmental impact of this product has not been fully investigated.

#### **Persistence and Degradability**

No information available.

#### **Bioaccumulation**

No information available

#### **Other adverse effects**

No information available.

## **13. DISPOSAL CONSIDERATIONS**

#### **Waste treatment methods**

<b>Disposal methods</b>	This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
<b>Contaminated Packaging</b>	Dispose of contents/containers in accordance with local regulations.
<b>US EPA Waste Number</b>	D001

**California Hazardous Waste Codes** 331

## **14. TRANSPORT INFORMATION**



**DOT**

Proper Shipping Name	CONSUMER COMMODITY
Hazard Class	ORM-D
Description	CONSUMER COMMODITY, ORM-D
Emergency Response Guide Number	115

**TDG**

UN-No.	UN1030
Proper Shipping Name	1,1-DIFLUOROETHANE
Hazard Class	2.1
Packing Group	NONE
Description	UN1030, 1,1-DIFLUOROETHANE, 2.1

**MEX**

UN-No.	UN1030
Proper Shipping Name	1,1-DIFLUOROETHANE
Hazard Class	2.1
Description	UN1030, 1,1-DIFLUOROETHANE, 2.1

**ICAO**

UN-No.	UN1030
Proper Shipping Name	1,1-DIFLUOROETHANE
Hazard Class	2.1
Description	UN1030, 1,1-DIFLUOROETHANE, 2.1

**IATA**

UN-No.	UN1030
Proper Shipping Name	1,1-DIFLUOROETHANE
Hazard Class	2.1
Description	UN1030, 1,1-DIFLUOROETHANE, 2.1

**IMDG/IMO**

UN-No.	UN1030
Proper Shipping Name	1,1-DIFLUOROETHANE
Hazard Class	2.1
EmS No.	F-D, S-U
Description	UN1030, 1,1-DIFLUOROETHANE, 2.1

**RID**

UN-No.	UN1030
Proper Shipping Name	1,1-DIFLUOROETHANE
Hazard Class	2.1
Classification code	2F
Description	UN1030, 1,1-DIFLUOROETHANE, 2.1 (13)
ADR/RID-Labels	2.1 (+13)

**ADR**

UN-No.	UN1030
Proper Shipping Name	1,1-DIFLUOROETHANE
Hazard Class	2.1
Classification code	2F
Tunnel restriction code	(B/D)
Description	UN1030, 1,1-DIFLUOROETHANE, 2.1

**ADN**

**UN-No.** UN1030  
**Proper Shipping Name** 1,1-DIFLUOROETHANE  
**Hazard Class** 2.1  
**Classification code** 2F  
**Description** UN1030, 1,1-DIFLUOROETHANE, 2.1  
**Limited Quantity** 0  
**Ventilation** VE01

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL** All components are listed either on the DSL or NDSL.  
**IECSC** -

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** No  
**Chronic Health Hazard** No  
**Fire Hazard** Yes  
**Sudden release of pressure hazard** Yes  
**Reactive Hazard** No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret	X	X			

**International Regulations**



**Canada**  
**WHMIS Hazard Class**  
 B1 - Flammable gas  
 A - Compressed gases



**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	1	<b>Flammability</b>	4	<b>Instability</b>	0	<b>Physical and Chemical Hazards</b>	-
<b>HMIS</b>	<b>Health Hazards</b>	1	<b>Flammability</b>	4	<b>Physical Hazard</b>	0	<b>Personal Protection</b>	X

**Prepared By** Product Stewardship  
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 1-800-572-6501

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**End of Safety Data Sheet**

