

# SAFETY DATA SHEET

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

### Product identifier

**Product Name** Bathroom Cleaner

### Other means of identification

**Synonyms** None

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

**Recommended Use** Bathroom and Tile Cleaner - Aerosol

**Uses advised against** No information available

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

**Supplier Name** Ningbo Rejoice I/E Co., Ltd.  
**Supplier Address** Rm402, Unit 4, North Bank Fortune Centre, Jiangbei, Ningbo, 315020, China  
Ningbo  
Zhejiang  
315020  
CN  
**Supplier Phone Number** Phone: 0086-13586668388  
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**Supplier Email** powerwell2000@hotmail.com  
**Emergency telephone number**

## 2. HAZARDS IDENTIFICATION

### Classification

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

Gases under pressure

Compressed gas

### GHS Label elements, including precautionary statements

#### Emergency Overview

**Signal word**

**Warning**



Contains gas under pressure; may explode if heated



**Appearance** Clear

**Physical State** Liquid spray Aerosol

**Odor** Fresh

**Precautionary Statements - Prevention**

Obtain special instructions before use

**Precautionary Statements - Response**

None

**Precautionary Statements - Storage**

Protect from sunlight. Store in a well-ventilated place

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0.1% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Causes mild skin irritation

Harmful to aquatic life with long lasting effects

May cause slight eye irritation

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

**Interactions with Other Chemicals**

Use of alcoholic beverages may enhance toxic effects.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%	Trade Secret
Butane	106-97-8	1 - 5	*
Propane	74-98-6	1 - 5	*
EDTA disodium salt, dihydrate	6381-92-6	1 - 5	*
Supplier Trade Secret	Proprietary	0.1 - 1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES**



**First aid measures**

<b><u>General Advice</u></b>	Call 911 or emergency medical service. Remove and isolate contaminated clothing and shoes.
<b><u>Eye Contact</u></b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b><u>Skin Contact</u></b>	In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Wash with soap and water.
<b><u>Inhalation</u></b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.
<b><u>Ingestion</u></b>	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.
<b><u>Self-protection of the first aider</u></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**

Some may burn but none ignite readily. Ruptured cylinders may rocket.

**Uniform Fire Code** Aerosols: Level I

**Hazardous Combustion Products**

Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Stop leak if you can do it without risk.

**Other Information** Ventilate the area.

### Environmental Precautions

**Environmental Precautions** Prevent entry into waterways, sewers, basements or 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. Allow substance to evaporate.

**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. Do not puncture or incinerate cans. Contents under pressure. Avoid breathing vapors or mists. Avoid contact with eyes.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight.

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Butane 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

### Appropriate engineering controls



**Engineering Measures**  
Showers  
Eyewash stations  
Ventilation systems

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

**Eye/Face Protection** No special protective equipment required.

**Skin and Body Protection** No special protective equipment required.

**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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and Chemical Properties**

<b>Physical State</b>	Liquid spray Aerosol	<b>Odor</b>	Fresh
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	No information available
<b>Color</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	7	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	Soluble (>1%)	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing Properties	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

Excessive heat.

### 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**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Butane 106-97-8	-	-	= 658 g/m <sup>3</sup> ( Rat ) 4 h
Propane 74-98-6	-	-	= 658 mg/L ( Rat ) 4 h
Supplier Trade Secret	= 350 mg/kg ( Rat )	-	-

### Information on toxicological effects

#### **Symptoms**

No information available.

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

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	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).
<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

**ATEmix (oral)**

20,190.00 mg/kg

**ATEmix (dermal)**

84,615.00 mg/kg (ATE)

**ATEmix (inhalation-gas)**

6,631,546.70

**ATEmix (inhalation-dust/mist)**

115.40 mg/l

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

**Persistence and Degradability**

No information available.

**Bioaccumulation**

Chemical Name	Log Pow
Butane 106-97-8	2.89
Propane 74-98-6	2.3

**Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of contents/containers in accordance with local regulations.

**California Hazardous Waste Codes 561**

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Supplier Trade Secret	Toxic Corrosive

**14. TRANSPORT INFORMATION**

**DOT**

**Proper Shipping Name** CONSUMER COMMODITY  
**Hazard Class** ORM-D  
**Description** CONSUMER COMMODITY, ORM-D  
**Emergency Response Guide Number** 126

**TDG**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.2  
**Description** UN1950, AEROSOLS, 2.2

**MEX**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.2  
**Description** UN1950, AEROSOLS, 2.2

**ICAO**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.2  
**Description** UN1950, AEROSOLS, 2.2

**IATA**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS, NON-FLAMMABLE  
**Hazard Class** 2.2  
**Description** UN1950, AEROSOLS, NON-FLAMMABLE, 2.2

**IMDG/IMO**

**UN-No.** UN1950





**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.2  
**EmS No.** F-D, S-U  
**Description** UN1950, AEROSOLS, 2.2

**RID**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.2  
**Classification code** 5A  
**Description** UN1950, AEROSOLS, 2.2

**ADR**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.2  
**Classification code** 5A  
**Tunnel restriction code** (E)  
**Description** UN1950, AEROSOLS, 2.2

**ADN**

**UN-No.** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.2  
**Classification code** 5A  
**Special Provisions** 190, 327, 344, 625  
**Description** UN1950, AEROSOLS, 2.2  
**Limited Quantity** 1 L  
**Ventilation** VE04

**15. REGULATORY INFORMATION**

**International Inventories**

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

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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Supplier Trade Secret -		0.1 - 1	1.0

**SARA 311/312 Hazard Categories**

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

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)



Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Supplier Trade Secret	1000 lb			X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Supplier Trade Secret	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**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
Butane 106-97-8	X	X	X		
Propane 74-98-6	X	X	X		
2-Butoxyethanol 111-76-2	X	X	X	X	X
Supplier Trade Secret	X	X	X	X	

**International Regulations**

**Mexico**

**National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits
Butane 106-97-8 ( 1 - 5 )		Mexico: TWA 800 ppm Mexico: TWA 1900 mg/m <sup>3</sup>

Mexico - Occupational Exposure Limits - Carcinogens

**Canada**

**WHMIS Hazard Class**

A - Compressed gases



**16. OTHER INFORMATION**

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



**Prepared By** Product Stewardship  
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**Revision Note** No information available

**Disclaimer**

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**End of Safety Data Sheet**