

Safety Data Sheet

Hoover & Wells, Inc.

REZ-STONE 1000 HEAVY DUTY CLEANER/DEGREASER

Revision Date: 03/04/2020

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PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name:.....Rez-Stone 1000 Heavy Duty Cleaner/Degreaser
Product Code:.....1000 Heavy Duty Cleaner/Degreaser
Generic Name:.....Cleaner/Degreaser

Supplier Details

Manufacturer:.....Hoover & Wells, Inc.
Address:.....2011 Seaman St.
Toledo, Ohio 43605
Phone:.....1-419-691-9220
Fax:.....1-419-693-6209
Website:.....www.Hooverwells.com

Emergency Phone Numbers

Chemtrec (USA):.....1-800-424-9300
Chemtrec (international):.....1-703-527-3887

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HAZARDS IDENTIFICATION

Route of Entry: Eyes; Ingestion; Inhalation; Skin;
Inhalation: Can cause irritation and inflammation of the respiratory tract.
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.

GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:
Health, Skin corrosion/irritation, 2
Health, Respiratory or skin sensitization, 1 Skin

GHS Phrases:
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction

GHS Precautionary Statements:
P103 - Read label before use.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
P301+330+331 - IF SWALLOWED: Rinse mouth, drink plenty of water. Do NOT induce vomiting. Seek Medical advice/attention.
P302+350 - IF ON SKIN: Gently wash with soap and water.
P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+313 - IF exposed or concerned: Get medical advice/attention.
P403+235 - Store in a well ventilated place. Keep cool. Avoid sunlight.
P501 - Dispose of contents/container in accordance with local/regional/national regulations.

REZ-STONE 1000 HEAVY DUTY CLEANER/DEGREASER

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

CAS # | Percentage | Chemical Name

111-76-2	8-12%	2-Butoxyethanol
7758-29-4	3-5%	Sodium Tripolyphosphate
1300-72-7	3-5%	Sodium Xylenesulfonate
1312-76-1	3-5%	Potassium Silicate
1310-58-3	3-5%	Potassium Hydroxide
25155-30-0	3-5%	Sodium Dodecylbenzenesulfonate
26027-38-3	3-5%	Nonionic Surfactant
7732-18-5	60-70%	Water

4 FIRST AID MEASURES

Inhalation:	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Immediately remove any contaminated clothing. Promptly flush skin with soap and water until all chemical is removed. If skin irritation continues, consult a doctor.
Eye Contact:	Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. If problems persist, consult a doctor.
Ingestion:	Rinse out mouth and drink large quantities of water. Do not induce vomiting; call for medical help immediately.

5 FIRE FIGHTING MEASURES

Extinguishing Media:	Use foam, carbon dioxide, or water spray.
Firefighter Protection:	Self contained breathing apparatus and full protective gear.
Special Flammable Properties:	If exposed to extreme heat formation of toxic gases is possible. Keep closed receptacles cool with water spray.

6 ACCIDENTAL RELEASE MEASURES

Clean up spills immediately, observing precautions in the protective equipment section. Forms smooth, slippery surfaces on floors, posing an accident risk. Absorb spill with inert material (e.g. sand or dirt), then place contaminants in a leak proof chemical container for disposal. Ventilate area and wash spill site after material pickup is complete.

7 HANDLING AND STORAGE

Handling Precautions:	Handle with care and avoid spillage. Keep away from sources of ignition. Use approved containers only. Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Do not expose containers to open flame, excessive heat, or direct sunlight. Wash thoroughly after handling.
Storage Requirements:	Store in cool/dry area. Keep away from heat, sparks, and open flames. Store away from oxidizing agents. Store away from foodstuffs. Do not store together with acids.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Hygienic Practices:	Wash hands before eating, smoking, or using the facilities. Food or beverages should not be consumed anywhere this product is being handled or stored.
Engineering Controls:	Use adequate ventilation to ensure exposure to airborne contaminants are maintained below exposure limits. Ensure Eyewash stations are available near areas where this product is being used.
Personal Protective Equip:	<p><u>Skin Protection:</u> Wear chemical resistant gloves; Neoprene, nitrile, or rubber. Use proper workplace procedures including personal protective clothing: Long pants, protective boots or shoes, protective sleeves, and impervious gloves.</p> <p><u>Eye/Face Protection:</u> Safety glasses with side shields or goggles required. Emergency eyewash station is recommended in the work area.</p> <p><u>Respiratory Protection:</u> Use a NIOSH approved air-purifying respirator if occupational limits are exceeded. For confined space use, emergency situations, or any other condition where exposure limits may be greatly exceeded, use an approved air supplying respirator. Observe OSHA regulations (29CFR 1910.134) or appropriate standards or Canada for respirator use.</p>

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Occupational Exposure Limits:

Chemical Name	ACGIH TLV-TWA	OSHA PEL-TWA
<i>2-Butoxyethanol</i>	20 ppm	50 ppm
<i>Sodium Tripolyphosphate</i>	N.E.	N.E.
<i>Sodium Xylenesulfonate</i>	N.E.	N.E.
<i>Potassium Silicate</i>	N.E.	N.E.
<i>Potassium Hydroxide</i>	2 mg/m ³	N.E.
<i>Sodium Dodecylbenzenesulfonate</i>	N.E.	N.E.
<i>Nonionic Surfactant</i>	N.E.	N.E.
<i>Water</i>	N.E.	N.E.

N.E. = Not Established

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thin Red Liquid	Spec Grav./Density:	1.08
Physical State:	Liquid	Softening Point:	Not Determined
Odor Threshold:	Not Determined	Viscosity:	Not Determined
Particle Size:	Not Determined	Percent Volatile:	>80
Sat. Vap. Conc.:	Not Determined	Freezing/Melting Pt.:	Not Determined
Boiling Point:	215 F	Flash Point:	Not Determined
Vapor Pressure:	20 mmHg @ 68 F	Flammability:	Not Determined
pH:	13.5	Octanol:	Not Determined
Evap. Rate:	<1	Partition Coefficient:	Not Determined
Molecular weight:	Not Determined	Vapor Density:	>1
Decomp Temp:	Not Determined	VOC:	0.0%
Odor:	Mild	Auto-Ignition Temp:	Not Determined
Solubility:	soluble	UFL/LFL:	Not Applicable

10 STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions. See Storage, Section 7
Conditions to Avoid:	Avoid prolonged periods of excessive heat above 38 C (100 F).
Materials to Avoid:	Strong Acids
Hazardous Decomposition:	Alkaline vapors in a fire
Hazardous Polymerization:	Will not occur under normal conditions

11 TOXICOLOGICAL INFORMATION

Potential Health Effect Symptoms:

- Eye Damage / Eye Irritation: May cause irritation
- Skin Corrosion / Irritation: Causes skin irritation. May cause allergic skin reaction.
- Inhalation: Can cause irritation and inflammation to the respiratory tract.
- Ingestion: May cause irritation

- Skin Corrosion / Irritation:** Skin Irritant - Category 2
- Respiratory or Skin Sensitation:** Skin Sensitation - Category 1
- Germ Cell Mutagenicity:** Information not available
- Carcinogenicity:** Information is not available
- Reproductive Toxicity:** Information is not available
- Specific Target Organ Toxicity - Single exposure:** Information not available
- Specific Target Organ Toxicity - Repeated Exposure:** Information not available
- Aspiration Hazard:** Information is not available
- Other Toxicity Information:** No additional information available

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12 ECOLOGICAL INFORMATION

Acute Toxicity:

Chemical Name	LC50 Inhalation	LD50 Oral (Rat)	LD 50 Dermal (Rabbit)
<i>2-Butoxyethanol</i>	Not Available	880 mg/kg	1,060 mg/kg
<i>Sodium Tripolyphosphate</i>	>0.39 mg/L (4h)	>2,000 mg/kg	4,640 mg/kg
<i>Sodium Xylenesulfonate</i>	Not Available	>=7,200 mg/kg	>2,000 mg/kg
<i>Potassium Silicate</i>	>2.06 mg/L (4.40h)	>5,000 mg/kg	>5,000 mg/kg
<i>Potassium Hydroxide</i>	Not Available	333 mg/kg	Not Available
<i>Sodium Dodecylbenzenesulfonate</i>	Not Available	438 mg/kg	Not Available
<i>Nonionic Surfactant</i>	Not Available	1410 mg/kg	2830 mg/kg
<i>Water</i>	Not Available	Not Available	Not Available

Toxicity:

Chemical Name	Test	Species	Results
<i>2-Butoxyethanol</i>	LC50 (96h)	Fish	1,474 mg/L
	EC50 (48h)	Invertebrate	1,550 mg/L
	LC50 (7 h)	Freshwater Algae	1,840 mg/L
<i>Sodium Tripolyphosphate</i>	EC50 (48h)	Invertebrate	100 mg/L
<i>Sodium Xylenesulfonate</i>	No Data Available		
<i>Potassium Silicate</i>	LC50 (4 h)	Fish	>146 mg/L
	Static Test (24h)	Invertebrate	>146 mg/L
<i>Potassium Hydroxide</i>	LC50 (96h)	Fish	80 mg/L
<i>Sodium Dodecylbenzenesulfonate</i>	LC50 (96h)	Fish	3.20 - 5.60 mg/L
	Mortality NOEC (7d)	Invertebrates	4 mg/L
<i>Nonionic Surfactant</i>	LC50 (96h)	Fish	6.6 mg/L
<i>Water</i>	No Data Available		

Persistence and Degradability:

Chemical Name:	Biodegradation:
<i>2-Butoxyethanol</i>	Readily biodegradable
<i>Sodium Tripolyphosphate</i>	No data available
<i>Sodium Xylenesulfonate</i>	Readily biodegradable
<i>Potassium Silicate</i>	No data available
<i>Potassium Hydroxide</i>	Inorganic substance
<i>Sodium Dodecylbenzenesulfonate</i>	No data available
<i>Nonionic Surfactant</i>	No data available
<i>Water</i>	Not applicable

Bioaccumulation Potential:

Chemical Name	Log Pow	BCF	Potential
<i>2-Butoxyethanol</i>	Not Available	Not Available	Not Available
<i>Sodium Tripolyphosphate</i>	Not Available	Not Available	Not Available
<i>Sodium Xylenesulfonate</i>	Not Available	Not Available	Not Available
<i>Potassium Silicate</i>	Not Available	Not Available	Not Available
<i>Potassium Hydroxide</i>	Not Available	Not Available	Not Available
<i>Sodium Dodecylbenzenesulfonate</i>	Not Available	220	Not Available
<i>Nonionic Surfactant</i>	Not Available	Not Available	Not Available
<i>Water</i>	Not Available	Not Available	Not Available

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Mobility in Soil:

Chemical Name:

2-Butoxyethanol No data available
 Sodium Tripolyphosphate No data available
 Sodium Xylenesulfonate No data available
 Potassium Silicate No data available
 Potassium Hydroxide No data available
 Sodium Dodecylbenzenesulfonate..... No data available
 Nonionic Surfactant..... No data available
 Water..... No data available

13 DISPOSAL CONSIDERATIONS

Dispose of unused contents (incineration) in accordance with national and local regulations. Dispose of container in accordance with national and local regulations. Ensure the use of properly authorized waste management companies where appropriate. See section 8 for recommendations on the use of personal protective equipment.

14 TRANSPORTATION INFORMATION

United States Department of Transportation

Proper Shipping Name: Compounds, Cleaning Liquid (Potassium Hydroxide 2-Butoxyethanol)
 Technical Name: Potassium Hydroxide 2-Butoxyethanol
 Hazard Class: 8 ID Number: NA1760 Packing Group: PG II

International Air Transportation (ICAO/IATA)

Proper Shipping Name: Compounds, Cleaning Liquid (Potassium Hydroxide 2-Butoxyethanol)
 Technical Name: Potassium Hydroxide 2-Butoxyethanol
 Hazard Class: 8 ID Number: NA1760 Packing Group: PG II

Water Transportation (IMO/IMDG)

Proper Shipping Name: Compounds, Cleaning Liquid (Potassium Hydroxide 2-Butoxyethanol)
 Technical Name: Potassium Hydroxide 2-Butoxyethanol
 Hazard Class: 8 ID Number: NA1760 Packing Group: PGII
 Marine Pollutant: Yes

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

- * 2-Butoxyethanol (111762) TSCA, MASS, PA
- * Sodium Tripolyphosphate (7758294) TSCA, MASS, PA
- * Sodium Xylenesulfonate (1300727) TSCA, PA
- * Potassium Silicate (1312761) TSCA, PA
- * Potassium Hydroxide (1310583) TSCA, MASS, PA
- * Sodium Dodecylbenzenesulfonate (25155300) TSCA, MASS, PA
- * Nonionic Surfactant (26027383) TSCA, PA
- * Water (7732185) PA

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act
 MASS = MA Massachusetts Hazardous Substances List
 OSHAWAC = OSHA Workplace Air Contaminants
 PA = PA Right-To-Know List of Hazardous Substances
 TXAIR = TX Air Contaminants with Health Effects Screening Level

CANADIAN REGULATIONS

Canadian DSL/NDSL Inventory Status: None required
 WHMIS Classification and Symbol: Class D-2B Material causing other toxic effects



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OTHER INFORMATION

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Legend: **ACGIH:** American Conference of Governmental Industrial Hygienists

CAS No: Chemical Abstract Service Registry Number

DOT: U.S. Department of Transportation

GHS: Globally Harmonized system of Classification and Labelling of Chemicals

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG: International Maritime Dangerous Goods code

OEL: Occupational Exposure Limit

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

RQ: Reportable Quantity

SDS: Safety Data Sheet

STEL: Short Term Exposure Limit

TDG: Canadian Transportation of Dangerous Goods Act and Regulations

UN: United Nations

Disclaimer:

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