

# SAFETY DATA SHEET

Issuing date 20-Jun-2013

Revision Date 27-Jan-2015

Version 3

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

### Product identifier

**Product name** Releasit Encap Punch

### Other means of identification

**Product Code** 501191

**Document** 501191CG1-4/ 501191CG/ 501991CG55

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

**Recommended use** Carpet Extraction Cleaner

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

#### **Distributor**

Releasit  
2820 Scherer Drive North, Suite #220,  
St. Petersburg, FL 33716

### Emergency telephone number

**24 Hour Emergency Phone Number** INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

**Company Phone Number** 800-330-1888

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### Label elements

#### **Emergency Overview**

#### **Warning**

If medical advice is needed, have product container or label at hand  
Keep out of reach of children  
Read label before use

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

**Appearance** Translucent

**Physical state** Liquid

**Odor** Citrus

#### **Precautionary Statements - Prevention**

- Do not handle until all safety precautions have been read and understood

#### **Precautionary Statements - Response**

- IF exposed or concerned: Get medical advice/attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- IF ON SKIN: Wash with plenty of soap and water
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

**Precautionary Statements - Storage**

Store in a well-ventilated place

**Precautionary Statements - Disposal**

Dispose of contents/container to approved disposal facility

**Hazards not otherwise classified (HNOC)****Other information**

• Harmful to aquatic life with long lasting effects

Unknown Acute Toxicity 7.25% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight-%	Trade Secret
Dipropylene glycol monomethyl ether	34590-94-8	5% - 15%	*

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

**4. FIRST AID MEASURES****First aid measures for different exposure routes**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	Immediately flush eyes with water for a least 15 minutes while holding eyelids open. Get medical attention.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.
<b>Protection of First-aiders</b>	Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**Most important symptoms/effects, acute and delayed**

**Main Symptoms** The most important known symptoms and effects are described in the labelling in section 2 and/or in section 11.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**Dry chemical, CO<sub>2</sub>, water spray or regular foam.

**Unsuitable Extinguishing Media** This product contains alcohols which will reduce the effectiveness of normal foam. Use alcohol-resistant foam instead.

**Specific hazards arising from the chemical**

No information available.

**Explosion Data****Sensitivity to Mechanical Impact** None.**Sensitivity to Static Discharge** None.**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal precautions** Ensure adequate ventilation. Use personal protective equipment. Avoid contact with the skin and the eyes.**Environmental precautions****Environmental precautions** Keep out of waterways. This product can be safely flushed into a sanitary sewer that leads to a wastewater treatment plant. See Section 12 for additional Ecological Information.**Methods and materials for containment and cleaning up****Methods for Containment** Prevent further leakage or spillage if safe to do so.**Methods for cleaning up** Mop up & flush to sanitary sewer with plenty of water. Floors may be slippery. Use care to avoid falls.**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on safe handling** Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water. Do not eat, drink or smoke when using this product.**Conditions for safe storage, including any incompatibilities****Technical measures/Storage conditions** Keep container in cool well-ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.**Incompatible products** None known based on information supplied.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines** Review Section 3 & 4 for Exposure Guidelines.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> STEL: 150 ppm STEL: 900 mg/m <sup>3</sup>

NIOSH IDLH: *Immediately Dangerous to Life or Health***Appropriate engineering controls****Engineering Measures** Ensure adequate ventilation, especially in confined areas Ensure that eyewash stations and safety showers or an equivalent method of decontamination are close to the work location.

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

<b>Eye/Face Protection</b>	Splash-proof chemical goggles or face shield.
<b>Skin and body protection</b>	Rubber gloves.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>Hygiene measures</b>	Do not eat, drink or smoke when using this product. Practice good personal hygiene. Wash after handling.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Citrus
<b>Appearance</b>	Translucent	<b>Odor Threshold</b>	No information available
<b>Color</b>	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
<b>pH</b>	8-9	
<b>Melting/freezing point</b>	No information available NA	
<b>Boiling point/boiling range</b>	100 °C 212 °F	Estimated
<b>Flash Point</b>	NA	
<b>Evaporation rate</b>	Unknown	No information available
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limits in Air</b>		
<b>Upper flammability limit</b>	No information available	
<b>Lower flammability limit</b>	No information available	
<b>Vapor pressure</b>	NE	
<b>Vapor density</b>	NE	
<b>Specific Gravity</b>	1.031 +/- 0.005	
<b>Water solubility</b>	Completely Soluble	Completely soluble.
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient: n-octanol/water</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Viscosity, kinematic</b>	No information available	
<b>Viscosity, dynamic</b>	No information available	
<b>Explosive properties</b>	Not explosive	
<b>Oxidizing Properties</b>	Not an oxidizer	

**Other information**

<b>Softening point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content(%)</b>	< 15%
<b>Density VALUE</b>	No information available
<b>Bulk Density VALUE</b>	No information available

<b>10. STABILITY AND REACTIVITY</b>
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**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>Inhalation</b>	Inhalation of vapors in high concentration may cause irritation of the respiratory system. May cause central nervous system depression with nausea, headache, dizziness, and incoordination.
<b>Eye contact</b>	May cause irritation.
<b>Skin contact</b>	May be absorbed through the skin in harmful amounts. May cause skin irritation.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Dipropylene glycol monomethyl ether 34590-94-8	= 5230 mg/kg ( Rat )	= 9500 mg/kg ( Rabbit )	-

**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. This product contains no substances suspected of causing genetic defects, birth defects, developmental toxicity, or reproductive toxicity.
<b>Aspiration hazard</b>	No information available.

**Numerical measures of toxicity - Product Information**

<b>Unknown Acute Toxicity</b>	7.25% of the mixture consists of ingredient(s) of unknown toxicity
<b>The following values are calculated based on chapter 3.1 of the GHS document .</b>	
<b>ATEmix (oral)</b>	20070 mg/kg
<b>ATEmix (dermal)</b>	16064 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	32.5 mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

7.4% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Dipropylene glycol monomethyl ether 34590-94-8	-	10000: 96 h Pimephales promelas mg/L LC50 static	-

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical Name	Partition coefficient
Dipropylene glycol monomethyl ether 34590-94-8	-0.064

**Other adverse effects** No information available**13. DISPOSAL CONSIDERATIONS****Waste treatment****Waste Disposal Methods** Disposal should be in accordance with applicable regional, national and local laws and regulations.**Contaminated packaging** Do not reuse container.**14. TRANSPORT INFORMATION****DOT** Not regulated  
**Proper shipping name** Cleaning Compound, Not Regulated**15. REGULATORY INFORMATION****International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	-
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**Legend:****TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AICS** - Australian Inventory of Chemical Substances**U.S. 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**

<b>Acute Health Hazard</b>	no
<b>Chronic Health Hazard</b>	no
<b>Fire Hazard</b>	no
<b>Sudden Release of Pressure Hazard</b>	no
<b>Reactive Hazard</b>	no

**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.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

This product contains substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Dipropylene glycol monomethyl ether 34590-94-8	X	-	X

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b> 1	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and chemical hazards</b> -
<b>HMIS</b>	<b>Health hazard</b> 1	<b>Flammability</b> 0	<b>Physical Hazards</b> 0	<b>Personal protection</b> X

**Prepared By****Issuing date**

20-Jun-2013

**Revision Date**

27-Jan-2015

**Revision Note**

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**