

**SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**HarperScientific**  
Division of Harper Corporation of America  
11625 Steele Creek Rd Charlotte NC 28273

**GHS Identifier:** CeramClean Solv-it™  
**Synonyms:** Liquid Ink Cleaner  
**Uses:** Industrial & Institutional Cleaning

**EMERGENCIES:** 1-800-535-5053  
**Outside the U.S.:** 1-352-323-3500

**Rev. Date** 11.04.2020

**SECTION 2: HAZARDS IDENTIFICATION**

**OSHA/HCS Status:** This material is considered hazardous by the OSHA Hazard Communication Standard.

**GHS Classification:**

Health, Aspiration	1
Health, Skin Corrosion/Irritation	2
Health, Serious Eye Damage/Eye Irritation	2 A
Aquatic, Acute Toxicity	1
Aquatic, Chronic Toxicity	1

**Signal Word:** **Warning**

**GHS Hazard Phrases:**

H226 Combustible liquid  
H304 May be fatal if swallowed and enters the airways  
H315 Causes skin irritation  
H319 Causes eye irritation  
H410 Very toxic to aquatic life with long lasting effects

**Precautionary statements:**

P102 Keep out of reach of children  
P210 Keep away from heat/sparks/open flames. No smoking.  
P233 Keep container tightly closed  
P261 Avoid breathing dust/fumes/mist/vapors/spray  
P271 Use only outdoors or in a well-ventilated area  
P281 Use personal protective equipment as required  
P340 Remove victim to fresh air and keep at rest in a position that is comfortable for breathing  
P302+P350 If on skin, gently wash with plenty of soap and water.  
P301+P310 If swallowed immediately call a Poison Center or doctor/physician.  
P352 Wash with plenty of soap and water

**HAZARD RATING SYSTEM:**

HAZARD RATING SYSTEM	HMIS	NFPA
HEALTH	2	2
FLAMMABILITY	2	2
REACTIVITY	0	0
SPECIAL		

**Key:** 4 = SEVERE

3 = SERIOUS  
2 = MODERATE  
1 = SLIGHT  
0 = MINIMAL



**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous mixtures of other liquids, solids, or gases:**

<b>Ingredient</b>	<b>CAS #</b>	<b>EINCS#</b>	<b>% Present</b>	<b>TLV (Units)</b>
D'limonene	5989-27-5	304-454-3	25% - 60%	Not determined
Glycol butyl ether	111-76-2	203-905-0	10% -30%	25 ppm
Surfactant	Proprietary		5% - 15%	Not determined

**SECTION 4: FIRST AID MEASURES**

**Emergency Overview:** Clear liquid with characteristic citrus odor. May be irritating to skin and eyes.

**Effects of Overexposure:** Irritation of skin, irritation of eyes.

**Potential Health Effects**

**Eye Contact:** Causes eye irritation

**Skin Contact:** Prolonged or continuous contact may cause skin irritation or dermatitis.

**Ingestion:** May cause stomach upset or nausea.

**FIRST AID**

**Eye Contact:** Remove contact lenses immediately if easy to do so. Gently flush with water for 15 minutes. Seek medical attention immediately.

**Skin Contact:** Remove any contaminated clothing. Flush skin with water for 15 minutes. If irritation persists then seek medical attention.

**Ingestion:** Seek medical attention immediately. Do not induce vomiting unless directed by medical personnel. Rinse mouth with water. Drink one glass of water. Do not leave victim unattended. Never give anything by mouth if victim is unconscious and not responsive.

**SECTION 5: FIRE AND EXPLOSION DATA**

**Extinguishing Media:** Water spray, fog or foam. Dry Chemical.

**Special Fire Fighting Procedures:** Wear NIOSH approved self-contained breathing apparatus and full protective gear. Cool fire exposed containers with water spray.

**Unusual Fire & Explosion Hazards:** Combustible liquid. Keep away from open flame. Guard against spontaneous combustion of improperly discarded cleaning rags. In a fire or if heated, a pressure increase will occur and may burst the container.

**Special Hazards Arising Chemical:** Vapors may form and travel to source of ignition and flash back.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**ENVIRONMENTAL RESPONSE:** Check local regulations for guidance.

**Land Spill:** Put on appropriate personal protective equipment. Stop leak if without risk.

For small spills: Use absorbent material such as towels or absorbent powder. Place all material into proper waste disposal container with lid tightly closed.

For large spills: Dike spill, recover free liquid and use absorbent powder to dry area. Rinse area with water. Put all material into appropriate waste containers.

**Water Spill:** Contain source of the spill. Check with local environmental regulatory agencies for reporting requirements.

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**SECTION 7: HANDLING & STORAGE**

**Handling Precautions:** Prior to use, put on appropriate personal protection equipment. Avoid contact with eyes, skin, and clothing. Do not breathe vapors or mist. Observe label precautions.

**Storage Requirements:** Keep away from heat, sparks, flames and other sources of ignition.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

Ingredient	CAS#	Exposure Limits#
Ethylene Glycol Monobutyl Ether Butoxyethanol Butyl cellosolve		25ppm TWA

**PERSONAL PROTECTION EQUIPMENT (PPE)**

**Eyes/Face Protection:** Wear splashproof approved goggles.

**Skin Protection:** Wear protective clothing to prevent skin contact. Recommend nitrile or neoprene gloves and rubber apron or tyvek suit.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid  
**Color:** Clear colorless  
**Odor:** Citrus odor  
**pH:** Not applicable  
**Melting Point/Freezing Point:** No information available  
**Boiling Point:** Not Determined  
**Flash Point:** 168° F, 75° C  
**Vapor Pressure:** 1.58 mmHg @ 20° C  
**Vapor Density: (Air = 1)** Not determined  
**Solubility in Water:** Slight

**Partition Coefficient n-:** log Pow: 4.2  
**Specific Gravity:** .87  
**Auto-Ignition Temperature:** No information available  
**Evaporation Rate:** (water = 1) <1  
**Viscosity:** No information available  
**Explosive Properties:** No data available  
**Oxidizing Properties:** No data available

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**SECTION 10: REACTIVITY DATA**

**Stability Data:** Stable  
**Reactivity:** This product is non-reactive under normal conditions.  
**Incompatibility:** Do not mix with strong oxidizers or strong acids.  
**Hazardous Decomposition:** May include carbon dioxide.  
**Hazardous Polymerization:** Will not occur.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure:** Eyes, skin, ingestion and inhalation.

**Acute Toxicity**

Product or Ingredient Name	Result	Species	Dose	Exposure
Ethylene Glycol Monobutyl Ether	LC50 Inhalation gas	Rat	450 ppm	4 hours
	LC50 Inhalation vapor	Guinea Pig	>633 ppm	1 Hour
	LD50 Dermal	Guinea Pig	>2000 mg/kg	Not applicable
D-Limonene	LD50 Oral	Rat	4,400 mg/kg	Not applicable
	LD50 Dermal	Rabbit	>5000 mg./kg	
	Inhalation	No data	No data	No data

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**SECTION 12: ECOLOGICAL INFORMATION**

**Bio-Accumulative Potential:** This product is biodegradable.  
**Aquatic Ecotoxicity:** Very toxic to aquatic life.  
**Other Adverse Effects:** No information available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste information:** Waste must be disposed of in accordance with federal, state and local regulations.

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**SECTION 14: TRANSPORT INFORMATION****USDOT:****Proper Shipping Name:** Compound, Cleaning Liquid**Hazard Class:** None**Identification Number:** None**Packing Group:** Not applicable**IMDG:** Not regulated

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**SECTION 15: REGULATORY INFORMATION**

**Ethylene Glycol Butyl Ether**      **CAS#** 111-76-2      **EINCS#** 203-905-0  
**DSD:** Xn, R/20/21/22, R36/38  
**CLP:** H302, H312, H332, H315, H320  
**REACH Registration #:** 01-2119475108-36-0000

**D'limonene**      **CAS#** 5989-27-5      **EINCS#** 227-813-5  
**DSD:** No classification;  
**CLP:** No classification;  
**REACH Registration #:** 01-2119529223-47-0000

**Surfactant**      Proprietary  
**DSD:** No classification.  
**CLP:** **HEALTH HAZARD:** Serious eye irritant.  
**REACH:** The ingredients are listed in the Reach Directory.

**TSCA:** The ingredients in this product are listed on the TSCA inventory.

**CERCLA:** Ingredient 1 has an RQ of 5000 lbs. Contact local authorities to determine if there are other local reporting requirements.

**SARA TITLE 3****311/312 Hazard Categories:** Acute health hazard**313 Reportable Ingredients:** Ingredient 1 is reportable under SARA Title II, Section 313.**CALIFORNIA PROPOSITION 65 INFORMATION**

This product does not contain any chemicals recognized by the state of California to cause cancer and or birth defects or reproductive harm.

**Clean Water Act (CWA) 307:** None**Clean Water Act (CWA) 310:** None**Clean Water Act (CWA) 311:** None

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**SECTION 16: OTHER INFORMATION**

To the best of our knowledge, the information contained herein is accurate. All materials may present unknown hazards and should be used with caution. Final determination of suitability of any material is the sole responsibility of the user.