

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

GHS Identifier: Ink Re-Leez™
Synonyms: Liquid Cleaner
Uses: Ink and coating cleaner

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: Considered hazardous by the OSHA hazard communications standard. (29 CFR 1910.1200)

GHS Classification:

Health, Serious Eye Damage/Eye Irritation 2 A

Signal Word: Warning

**Hazard Statements:**

Causes skin irritation

Causes serious eye irritation

Precautionary Statements:

Wash thoroughly after handling.

If on skin, remove contaminated clothing and rinse skin with water.

Read label before use

Keep out of the reach of children.

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

Ingredient	CAS #	EINCS#	% Present	TLV (Units)
Surfactant	Proprietary		12%<	Not established
Ethylene Glycol butyl ether	111-76-2	203-905-0	6%<	25ppm
N-propanol	71-23-8	200-746-9	3%<	200ppm
Sodium Metasilicate	6834-92-0	229-912-9	3%<	Not established

SECTION 4: FIRST AID MEASURES

Emergency Overview: Clear liquid with Characteristic odor. May be irritating to skin and eyes.

Effects of Overexposure: Irritation of skin, irritation or burning of eyes.

Potential Health Effects

Eye Contact: May cause serious 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 able to do so easily. Gently flush with water for 15 minutes. Seek medical attention immediately if irritation persists.

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. Rinse mouth with water. Remove any dentures or other orthodontia if able to do so easily. Do not induce vomiting unless directed by medical personnel. Do not leave victim unattended. Maintain an open airway. Loosen any clothing such as a shirt collar, belt, tie or waistband.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point: >220° F

Flammable Limits: Not determined.

Extinguishing Media: Carbon dioxide, foam or dry chemical.

Unsuitable Extinguishing Media: None known.

Special Fire Fighting Procedures: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus.

Unusual Fire & Explosion Hazards: In a fire or if heated, a pressure increase will occur and may burst the container.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Land Spill: Put on appropriate personal protective equipment. Stop leak if without risk. Check local regulations for guidance.

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.

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: Do not store near strong oxidizers.
Keep container closed when not in use.
Keep out of the reach of children

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient / Component Name	OSHA PEL
Ethylene Glycol Monobutyl Ether; butoxyethanol; Butyl Cellosolve	25 ppm TWA
n-Propanol; Normal propyl alcohol	200 ppm TWA

PERSONAL PROTECTION EQUIPMENT (PPE)

Eyes/Face Protection: Wear splashproof approved goggles.

Skin Protection: Wear protective clothing to prevent skin contact. Recommend neoprene or nitrile gloves, rubber apron or Tyvek suit.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
pH: 9.8
Relative Density: Not determined
Flash Point: >212° F
Boiling Point: Not Determined
Vapor Pressure: .35 mm Hg at 20° C
Vapor Density: Not determined
V.O.C. Content: 6%
Solubility: Infinite
Specific Gravity: (H₂O = 1): .98
Percent Volatile by Volume: Not determined
Evaporation rate (water = 1): 1
Upper/Lower Flammability Limits: Not determined
Appearance & Odor: Clear liquid. Characteristic type odor. (Slight solvent odor)

SECTION 10: REACTIVITY DATA

Stability Data: Stable
Reactivity: None known.
Incompatibility: Do not mix with acid or any other chemical.
Hazardous Decomposition: None known.
Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION**Component Acute Toxicity**

Product or Ingredient	Result	Species	Dose	Exposure
Ethylene Glycol Monobutyl Ether	LC50 Inhalation Gas	Rat	450ppm	4 hours
	LC50 Inhalation Vapor	Guinea Pig	>633ppm	1 hour
	LD50 Dermal	Guinea Pig	>2000mg/kg	Not applicable
n-Propanol	LD50 Oral	Rat	1.87-6.5 g/kg	Not applicable

SECTION 12: ECOLOGICAL INFORMATION

Environmental Effects: Not determined.
Aquatic Ecotoxicity: Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION**U.S. Department of Transportation (DOT):**

Proper Shipping Name: Compound, Cleaning Liquid
Hazard Class: None
Identification Number: None
Packaging Group: Not applicable

IMDG: Not regulated.

SECTION 15: REGULATORY INFORMATION

REACH REGISTRATION INFORMATION: The ingredients in this product are listed in the Reach Directory.

Ingredient: Ethylene Glycol Butyl Ether

CAS# 111-76-2

EINCSC# 203-905-0

DSD: Xn, R/20/21/22, R36/38

CLP: H302, H312, H332, H315, H320

Reach Registration # 01-2119475108-36

n-propanol

CLP: H225, H316, H318, H333, H336

Reach Registration # 01-2119486761-29-0003

Surfactant

Proprietary

The ingredients are listed in the Reach Directory.

DSD: No Classification.

CLP: PHYSICAL HAZARD: None

HEALTH HAZARD: Serious eye irritant, H319

ENVIRONMENTAL HAZARD: None

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

CERCLA: Ingredient 1 has a 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

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

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.