

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

GHS Identifier: AltraWash Green™
Synonyms: Liquid Cleaner
Uses: Liquid Cleaner

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

Rev. Date 2020.12.21

SECTION 2: HAZARDS IDENTIFICATION

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

GHS Classification:

Skin Corrosion/Irritation Category 2
Serious Eye Damage/ Eye Irritation Category 2

Signal Word: Warning

**Hazard Statements:**

Causes serious skin irritation
Causes serious eye irritation

Precautionary Statements:

Do not breathe vapors or mists.
Wash hands and any exposed skin thoroughly after handling.
Wear protective gloves.
Wear eye and face protection.
Wear appropriate protective clothing.
Keep and store product in the original container.

HAZARD RATING SYSTEM	HMIS	NFPA
HEALTH	2	2
FLAMMABILITY	1	1
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**

Ingredient	CAS #	EINCS#	% Present	TLV (Units)
Ethylene Glycol butyl ether	111-76-2	203-905-0	3%	25 ppm
Surfactant	Proprietary		9%<	Not established
Sodium Metasilicate	6834-92-0	229-912-9	3%<	Not established
2-aminoethanol	141-43-5	205-483-3	5%<	6 ppm

SECTION 4: FIRST AID MEASURES

Emergency Overview: Clear green liquid with characteristic odor. May cause burns to skin and eyes.

Effects of Overexposure: Burning and irritation of skin, burning and irritation of eyes.

Potential Health Effects:

Eye Contact: May cause serious eye irritation.

Skin Contact: May cause skin irritation.

Ingestion: May cause stomach pain and upset.

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. Wash 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

Flash Point: None.

Flammable Limits: Not determined.

Extinguishing Media: Carbon dioxide, foam or dry chemical.

Special Fire Fighting Procedures: None recommended.

Unusual Fire and Explosion Hazards: None known.

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

Storage: 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	OSAH PEL #	Exposure Limits#
2-aminoethanol	6 ppm	None established
Ethylene glycol monobutyl ether	25 ppm	None established

PERSONAL PROTECTION EQUIPMENT (PPE)

Eyes/face Protection: Use NIOSH approved splash proof goggles and face shield.

Body: Wear appropriate protective clothing to prevent skin contact.

Recommended: Neoprene or nitrile gloves, rubber apron or tyvek suit.

Respiratory Protection: Not required with normal use. If exposure limits are exceeded, use of a NIOSH approved respirator should be considered.

Engineering Controls: Use in a well-ventilated area. Eye wash station and emergency shower should be readily available where product is handled and in use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance & Odor: Clear green liquid. Characteristic odor.
pH: 10
Boiling Point: Not Determined
Flash Point: > 212°F.
Vapor Pressure: 1 < mmHg at 20° C
Vapor Density: Not determined
V.O.C. Content: 3%
Solubility in Water: Infinite
Specific Gravity: (H₂O = 1): 1.05
Percent Volatile by Volume: Not determined
Autoignition Temperature: Not determined
Decomposition Temperature: Not determined
Viscosity: Not determined
Evaporation Rate: (water = 1): 1

SECTION 10: REACTIVITY DATA

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

SECTION 11: TOXICOLOGICAL INFORMATION

The following acute toxicity estimates (ATE) are based on the GHS document. ATEmix (oral) 12335 mg/kg

Component Acute Toxicity

Product / Ingredient	Result	Species	Dose	Exposure
Ethylene Glycol Monobutyl ether	LC50 Inhalation	Rat	450 mg/kg	4 hours (Gas)
Sodium Metasilicate	LD50 Oral	Rat	1153 mg/kg	Oral

Carcinogenicity: No components present at .1% or greater are listed as carcinogens by ACGIH or IARC.

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**Department of Transportation (DOT):**

Proper Shipping Name: Compound, Cleaning liquid.

UN/ID No.: Not regulated

Hazard Class: N.A.

Packing Group: N.A.

Special Provisions: Shipping descriptions many vary based on mode of transport, quantities, package size or destination.

SECTION 15: REGULATORY INFORMATION**REACH REGISTRATION INFORMATION**

The ingredients in this product are listed in the Reach Directory.

Ingredient 1: Ethylene Glycol Mono Butyl Ether CAS# 111-76-2 EINCS# 203-905-0

Ingredient 2: 2-Aminoethanol CAS# 141-43-5 EINCS# 205-483-3

TSCA

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

CERCLA

Ingredient 1 has a RQ of 5000 lbs.

SARA TITLE 3

311/312 Hazard Categories: Acute health hazard: Yes
Chronic health hazard: No
Fire hazard: No
Sudden release of pressure hazard: No
Reactive hazard: No

313 Reportable Ingredients: Ingredient 1 is reportable under 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.