

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

GHS Identifier: Performance Wash™
Synonyms: Liquid 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

GHS Classification: This product is considered a hazardous material. **Signal Word:** **Danger**

Skin Corrosion	Category	1B
Skin Irritation	Category	1B
Serious Eye Damage	Category	1
Eye Irritation	Category	1
Corrosion to Metals	Category	1

**Hazard Statements:**

H302:	Harmful if swallowed
H314:	Causes severe skin burns and eye damage
H318:	Causes Serious eye damage

Precautionary Statements:

P102:	Keep out of the reach of children
P262:	Do not get in eyes, on skin or on clothing
P264:	Wash thoroughly after handling
P280:	Wear protective gloves, protective clothing, eye protection and face protection.
P301+330+331	If swallowed: Rinse mouth with water. Do not induce vomiting

Response:

Ingestion: Immediately call poison control or physician. If victim is conscious, rinse mouth. Do not induce vomiting.

Eye Contact: Rinse cautiously with water for fifteen minutes. Remove contact lenses. Continue to rinse with water.

If Inhaled: Remove victim to fresh air and seek medical attention.

HAZARD RATING SYSTEM	HMIS	NFPA
HEALTH	2	2
FLAMMABILITY	0	0
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)
1.) Potassium Hydroxide	1310-58-3		1-10%<	2mg./m3
2.) Ethylene glycol EB	111-76-2		1-10%	25ppm
3.) Monoethanolamine	141-43-5		1-5%	15mg./m3
4.) Sodium Metasilicate	6834-92-0		2%<	Not established
5.) Surfactant	Proprietary		3%	Not established

SECTION 4: FIRST AID MEASURES**Emergency Overview:** Clear green liquid with Characteristic odor. May cause Irritation to skin and eyes.**Effects of Overexposure:** Burning and irritation of skin, burning and irritation of eyes.**Potential Health Effects:**

Eye Contact: Causes eye irritation.
Skin Contact: Causes skin irritation.
Ingestion: May cause severe stomach pain.

FIRST AID**Eye Contact:** Remove contact lenses immediately. 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**

Flash Point: None
Flammable Limits: Not determined.
Extinguishing Media: Carbon dioxide, foam or dry chemical.
Special Fire Fighting Procedures: None recommended.
Unusual Fire & Explosion Hazards: None known.

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.

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.

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
Potassium Hydroxide	2mg./m3
Ethylene Glycol EB	25ppm

PERSONAL PROTECTION EQUIPMENT (PPE)

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

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

Respiratory Protection: Not required with normal use.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Clear colorless
Odor: Slight solvent odor
pH: 14.0
Melting Point/Freeze Point: No information available
Boiling Point: Not Determined
Flash Point: None
Vapor Pressure: Not determined
Vapor Density: Not determined
Solubility in Water: Infinite
Specific Gravity (H₂O = 1): 1.20
Partition Coefficient: No information available
Auto-ignition Temperature: Not determined
LEL: Not determined
UEL: Not determined
Evaporation Rate: (water = 1): 1

V.O.C. Content: 8% (52 grams per liter)
Viscosity: No information available
Explosive Properties: None
Oxidizing Properties: No information available

SECTION 10: REACTIVITY DATA

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

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes, skin and inhalation.

Symptoms of Exposure:

Eye Contact: Pain redness and burning. Eye contact may cause damage.

Skin Contact: Pain redness and burning. Skin contact may cause chemical burns to the skin.

Ingestion: Damage or chemical burns to the mouth, throat and stomach. May cause pain or nausea and vomiting.

Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are based on the GHS document

ATEmix - Oral 12335 mg./kg
ATEmix – Dermal 40566 mg./kg
ATEmix – Inhalation 1455 mg./kg

Component Acute Toxicity

Product or Ingredient	Result	Species	Dose	Exposure
Potassium hydroxide	LD50	Rat	214 mg./kg.	Oral
Sodium Metascilicate	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**USDOT:**

Proper Shipping Name: UN3266, Corrosive liquid, basic, inorganic,
(Contains potassium hydroxide)
Class 8
PGIII

UN/ID: UN3266

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

Ingredient: Surfactant Proprietary
The ingredients in this product are listed in the Reach Directory.

DSD: No classification.

CLP: PHYSICAL HAZARD: Not classified.

HEALTH HAZARD: Not classified.

ENVIRONMENTAL HAZARD: Contains a toxic chemical listed under SARA 313.

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

CERCLA: No ingredient is reportable under CERCLA.

Clean Air Act: No ingredients present are subject to the Clean Air Act.

SARA TITLE 3

311/312 Hazard Categories: Acute health hazard: Yes

313 Reportable Ingredients: Ingredient 1 is reportable under section 313. RQ = 1000 lbs.
Ingredient 2 is reportable under section 313. RQ = 5000 lbs

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.