

# SAFETY DATA SHEET

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## SECTION 1: Chemical Product and Company Identification

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

Product Name: AltraWash Blue™  
Liquid cleaner

EMERGENCIES: 1-800-535-5053

4/06/16

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## SECTION 2: Hazards Identification

GHS Classification:

Skin corrosion / irritation: Category 2

Eye irritation: Category 2



Signal word: Warning:

Hazard statements: Causes eye irritation and skin irritation.

Precautionary statements:

Prevention: 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.

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 if able to do so. Continue to rinse eyes with water for several minutes.

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## SECTION 3: Composition/information on ingredients

**Hazardous mixtures of other liquids, solids, or gases:**

Ingredient	CAS #	EINCS#	% Present	TLV (Units)
1. Ethylene Glycol butyl ether	111-76-2	203-905-0	3%	25ppm
2. Surfactant	Proprietary		9%<	Not established
3. Sodium Metasilicate	6834-92-0	229-912-9	3%<	Not established
4. 2-aminoethanol	141-43-5	205-483-3	5%<	6ppm
5. Isopropyl Alcohol	67-63-0	200-661-7	5%<	400ppm

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## SECTION 4: First Aid Measures

### Emergency Overview

**Clear blue 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 Measures:

#### 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.

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## SECTION 5: FIRE AND EXPLOSION DATA

FLASH POINT: >212 degrees F.

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.

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## 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.

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## SECTION 7 HANDLING & STORAGE

**STORAGE TEMPERATURE,** Do not store near strong oxidizers.

**Keep container closed when not in use. Keep out of the reach of children.**

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**Section 7 Continued**

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

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**SECTION 8 Exposure Controls/Personal protection**

Ingredient/component name	OSHA PEL
2-aminoethanol	6ppm
Ethylene glycol monobutyl ether	25ppm
Isopropyl Alcohol	400ppm

**Personal Protection Equipment (PPE)**

Eyes / face protection: Use NIOSH approved splashproof 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 stations and emergency shower should be readily available where product is handled and in use.

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**Section 9 Physical and Chemical Properties**

Physical state: Liquid

pH: 10 – 10.5

Boiling point: Not Determined

Flash point: >212 degrees F.

Upper/lower flammability limits: Not determined

Vapor pressure: 2.0 mmHg at 20 degrees C

Vapor density (Air = 1) : Not determined

V.O.C. content: 9%

Solubility in water: Infinite

Specific gravity: (H<sub>2</sub>O = 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

Appearance and odor: Clear blue liquid. Characteristic odor

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**SECTION 10: REACTIVITY DATA**

STABILITY DATA: Stable

INCOMPATIBILITY: Do not mix with acid or any other chemical.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur

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**SECTION 11 Toxicological Information****Component Acute toxicity**

Product or ingredient name	Result	Species	Dose	Exposure
Ethylene Glycol Monobutyl ether	LC50 Inhalation gas	Rat	450 mg./kg.	4 hours
Sodium Metasilicate	LD50 Oral	Rat	1153 mg./kg.	Oral
Isopropyl Alcohol	LD50 Oral	Rat	1.87-6.5 g/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 may vary based on mode of transport, quantities, package size or destination.

**Section 15 Regulatory Information****REACH REGISTRATION INFORMATION**

Ingredient: Ethylene Glycol Mono Butyl Ether

CAS#: 111-76-2 EINCSC# 203-905-0

Reach registration#01-2119475108-36

CLP Classification: H302, H312, H315, H332, H320

Ingredient: Isopropyl alcohol

CAS#67-63-0. EINCS#200-661-7

CLP Classification: H225, H316, H319, H336

Reach registration#01-2119457558-25

Ingredient: 2-Aminoethanol

CAS#141-43-5, EINCS# 205-483-3

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

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**Section 15 Regulatory Information, continued**

**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**

**HAZARD RATING SYSTEMS:**

	<b>HMIS</b>	<b>NFPA</b>	<b>KEY</b>
<b>HEALTH</b>	<b>2</b>	<b>2</b>	<b>4=SEVERE</b>
<b>FLAMMABILITY</b>	<b>1</b>	<b>1</b>	<b>3=SERIOUS</b>
<b>REACTIVITY</b>	<b>0</b>	<b>0</b>	<b>2=MODERATE</b>
			<b>1=SLIGHT</b>
			<b>0=MINIMAL</b>

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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. This safety data sheet was prepared on 4-06-2016.