

HMIS RATINGS
Health 2
FLAMMABILITY 1
REACTIVITY 0

MATERIAL SAFETY DATA SHEET U.S. DEPARTMENT OF LABOR
COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS,(29 CFR 1910, 1200)

SECTION 1: Company

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

PRODUCT IDENTIFICATION

Anilox Surface Cleaner™

Ink Cleaner

EMERGENCIES: 1-800-535-5053

08/03/15

SECTION 2: Hazards Identification

Signal word: Warning



Emergency Overview

Clear liquid with characteristic odor. May be irritating to skin and eyes.

Precautionary statements:

P264 Wash hands thoroughly after handling.

P280: Wear eye protection

P337+P313: If eye irritation persists: Get medical attention.

EFFECTS OF OVEREXPOSURE: Irritation of skin, irritation of eyes.

Potential Health Effects:

Eye contact: May cause eye irritation.

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

Ingestion. May cause stomach upset or nausea.

SECTION 3 Composition / Information on ingredients

Hazardous mixtures of other liquids, solids, or gases:

Ingredient	CAS #	EINCS #	%Present	TLV (Units)
Dibasic Ester	106-6500	203-419-9	32%	Not determined
Glycol Ether EB	111-76-2	203-905-0	18%	25ppm
Surfactant(Proprietary) Proprietary			9%	Not determined

Continued on page 2 of 5

Section 4 : First Aid Measures

Emergency Overview

Clear liquid, slight solvent odor. May be irritating to eyes and skin.

Effects of overview exposure: Irritation of skin and or eyes.

Eye contact: Remove contact lenses immediately and discard. Gently flush eyes with water for at least 15 minutes.

SKIN CONTACT:

Remove any contaminated clothing. Flush skin with water for at least 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.

Workplace exposure controls

Personal protection:

Safety glasses or goggles are recommended. Solvent resist gloves should be used. Other protective gear including face shield, rubber boots, apron or rain gear should be worn depending on how the product is used.

=====

SECTION 5: FIRE AND EXPLOSION DATA

FLASH POINT: > 250 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.

=====

Section 6 Accidental release measures

LAND SPILL

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.

Section 6 continued

WATER SPILL

Contain source of the spill. Check with local environmental regulatory agencies for reporting requirements.

=====
SECTION 7 Handling and storage

STORAGE TEMPERATURE, Do not store near strong oxidizers.

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

Prior to use, put on appropriate protective clothing and gear. Eye protection and protective gloves are recommended.

=====
SECTION 8 Exposure controls and personal protection

Ingredient name	Exposure limits
Glycol ether EB	25ppm. TWA

Personal protection equipment

Eyes: Safety glasses or splash proof goggles

Skin: Nitrile or rubber gloves. Rubber apron or tyvek suit may be used for jobs where product contact is likely.

=====
Section 9 Physical and chemical properties

Physical state: Liquid. Clear and colorless

pH: 8.1

BOILING POINT: > Not Determined

VAPOR PRESSURE: .04 mm Hg@20 degrees C.

VAPOR DENSITY (Air = 1) : Not determined

V.O.C content.: 0%

SOLUBILITY IN WATER: Infinite

Viscosity: @ 25 degrees C. 2.0

SPECIFIC GRAVITY (H2O = 1): 1.00

EVAPORATION RATE (water = 1): < 1

APPEARANCE AND ODOR: Clear liquid. Characteristic type odor.

=====
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

SECTION 11 Toxicological Information

Acute toxicity:

Product ingredient	Result	Species	Dose	Exposure
Glycol Ether EB	LC 50 (gas)	Rat	450ppm	4 hours

=====
Section 12 Ecological Information

Environmental effects: Not determined

Aquatic Ecotoxicity: Not determined

=====
Section 13 Disposal considerations

Waste material must be disposed of in accordance of Federal, State and Local requirements.

=====
Section 14 Transport Information

U.S. Dept of Transportation (D.O.T)

Proper Shipping Name: Compound, Cleaning Liquid

Hazard class: None

IMDG: Not regulated

=====
Section 15 Regulatory Information

REACH information

Ingredient: Glycol Ether EB

CAS# 111-76-2

EINCS# 203-905-0

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

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

REACH registration number: 01 2119475108-36

Ingredient: Dibasic Ester

CAS# 106-65-0

EINCS# 203-419-9

This product is listed in the REACH directory

DSD: No classification

CLP Classification: Not classified as a physical hazard.

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.

Continued on page 5 of 5

Section 15 continued

SARA TITLE 3

311/312 HAZARD CATEGORIES

Acute health

313 REPORTABLE INGREDIENTS

Ingredient 1 is a SARA 313 reportable ingredient.

Reporting level: 5000lbs.

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 307: None

Clean Water Act 310: None

Clean Water Act 311: None

SECTION 16 NOTES
HAZARD RATING SYSTEMS:

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

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 08-03-15.