SECTION 1: Company

PRODUCT IDENTIFICATION

HarperScientific Anilox Surface Cleaner™
Div of Harper Corporation of America
11625 Steele Creek Road, Charlotte, NC 28273 USA

EMERGENCIES: 1-800-535-5053

SECTION 2: Hazards Identification

Signal word: Warning

Hazard Statements:
Harmful if swallowed.
May cause eye irritation
May cause skin irritation

Precautionary Statements:
Wear eye / face protection
Wash after handling product

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

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:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS  #</th>
<th>EINCS #</th>
<th>%Present</th>
<th>TLV  (Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibasic Ester</td>
<td>106-6500</td>
<td>203-419-9</td>
<td>32%</td>
<td>Not determined</td>
</tr>
<tr>
<td>Glycol Ether EB</td>
<td>111-76-2</td>
<td>203-905-0</td>
<td>5 - 8%</td>
<td>25ppm</td>
</tr>
<tr>
<td>Surfactant(Proprietary)</td>
<td>Proprietary</td>
<td>9%</td>
<td></td>
<td>Not determined</td>
</tr>
</tbody>
</table>

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. If irritation persists, seek medical attention.
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 upon 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
含 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:

<table>
<thead>
<tr>
<th>Product ingredient</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycol Ether EB</td>
<td>LC 50 (gas)</td>
<td>Rat</td>
<td>450ppm</td>
<td>4 hours</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th></th>
<th>HMIS</th>
<th>NFPA</th>
<th>KEY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>2</td>
<td>2</td>
<td>4=SEVERE</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>1</td>
<td>1</td>
<td>3=SERIOUS</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
<td>0</td>
<td>2=Moderate</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1=SLIGHT</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0=MINIMAL</td>
</tr>
</tbody>
</table>

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.