

Issuing Date: November 6, 2014

Revision Date: June 22, 2015

Revision Number: 1

## 1. Identification of the Substance/Preparation and the Company Undertaking

### GHS Product Identifier

**Product Name** HygenX Pump Action Ultra Violet Security Marker- Water Based

### Other Means of Identification

**Part Number** X10USM2C

**Colors:** Clear (visible under black light)

**Formula Code** SKM104

**Synonyms** none

### Recommended use of the chemical and restrictions on use

**Recommended Use** Marker

**Uses Advised Against** No information available

### Supplier's Details

#### **Supplier Address**

HamiltonBuhl Electronics  
80 Little Falls Road  
Fairfield, NJ 07004  
Telephone: 800-631-0868

### Emergency Telephone Number

Chemtrec US 800-424-9300 International 703-527-3887

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communications Standard 2012 (29 CFR 1910.1200)

Flammable Liquid Category 3

Skin Corrosion/Irritation Category 2

Serious eye damage/Eye Irritation Category 2A

Acute Toxicity Inhalation Category 4

Acute Toxicity Skin Category 4

Aspiration Hazard Category 1

Carcinogenicity Inhalation Category 2

Specific target Organ Toxicity (single Exposure) respiratory tract irritation Category 3

Specific target Organ Toxicity (repeated Exposure) Inhalation Category 2

### GHS Label Elements, including precautionary statements

## Emergency Overview

**Signal Word** – Danger

**Hazard Statements** –

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

Harmful if inhaled.

Harmful in contact with skin.

May be fatal if swallowed and enters airways.

May cause damage to organs through prolonged or repeated exposure by inhalation.

Suspected of causing cancer if inhaled.

Flammable liquid and vapor.



**Appearance** – Opaque, varies

**Physical state**- Thin viscosity liquid

**Odor** – Aromatic Odor

### **Precautionary Statements**

#### **Prevention**

Do not handle until all safety precautions have been read and understood

Obtain special instructions before use

Keep container tightly closed

Use only in a well ventilated area

Do not breathe dust/vapors/fumes

Wash face and hands and any exposed skin thoroughly after handling

Wear protective gloves/clothing/eye protection/face protection

Keep away from heat/sparks/flame hot surfaces – no smoking

Use explosion proof electrical/ventilating/lighting equipment

Ground/bond container and receiving equipment.

Use non sparking tools

Take precautionary measures against static discharge

#### **Response:**

If exposed or concerned: get medical attention/advice.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

If swallowed: Immediately call a poison center/doctor. Do not induce vomiting.

In case of fire: Use CO<sub>2</sub>, dry chemical, foam or water spray to extinguish.

#### **Storage:**

Store in a well-ventilated place.

Keep cool.

Store locked up.

Keep container tightly closed.

#### **Disposal**

Dispose of contents/container in approved waste disposal plant.

**General Advice**

If exposed or concerned: get medical attention/advice

ACUTE HAZARD: At high concentration, dizziness and unconsciousness may occur.

CAUTION: Contains xylene. Harmful or fatal if swallowed. Avoid inhalation. Direct contact may cause skin or eye irritation.

KEEP OUT OF REACH OF CHILDREN.

**Fire**

Use CO2, dry chemical, foam, or water spray

**Spills and Leaks**

Contain and collect spillage

**Hazard not Otherwise Classified (HNOC)**

Not applicable

<b>3. COMPOSITION / INFORMATION ON INGREDIENTS</b>
--

Chemical Name	CAS -No	Weight %	Trade Secret
Xylene	1330-20-7	10-60	*
Resin	proprietary	5-50	*
Colorant	proprietary	0-10	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

<b>4. FIRST AID MEASURES</b>
------------------------------

**Description of necessary first-aid measures**

<b>General Advice</b>	In case of doubt, or when symptoms persist, seek medical attention.
<b>Eye Contact</b>	Immediately flush eyes with plenty of water for at least fifteen (15) minutes. Get medical attention immediately.
<b>Skin Contact</b>	Flush skin with plenty of water. Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser.
<b>Inhalation:</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular seek medical advice. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.
<b>Ingestion</b>	Seek medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**Protection of First Aiders** Use personal protection equipment.

**Most important symptoms/effects, acute and delayed**

**Most important symptoms/effects** No information available

**Indication of immediate medical attention and special treatment needed, if necessary**

**Note to physician** Treat symptomatically

<b>5. FIRE-FIGHTING MEASURES</b>
----------------------------------

**Suitable Extinguishing Media**

Dry chemical, carbon dioxide, regular foam. For large fires, use foam or flood with fine water spray

**Unsuitable extinguishing media** No information available

**Specific Hazards arising from the chemical** No information available

**Flash Point:** 79°F

**Flammability Limits (% by volume):** Lower 1.1%; Upper 6.4%

**Unusual Fire Explosion Hazards:** none

**Protective Equipment and Precautions for Firefighters**

Wear appropriate self-contained breathing apparatus MSHA/NIOSH (approved or equivalent) and full protective gear. Cool closed containers exposed to fire with water spray. Avoid inhalation of material or combustion by-products; stay upwind.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Avoid breathing vapours. Evacuate personnel to safe areas. Ensure adequate ventilation.

**Environmental Precautions** Avoid release into the environment. Do not allow to enter drains or watercourses.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Contain the spillage with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth to soak up the product and place in a suitable container for disposal in accordance with the waste regulations

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Avoid skin and eye contact. Avoid the inhalation of vapor and mist.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep away for open flame, hot surfaces and sources of ignition. Keep containers tightly closed. Observe label precautions. Store between 5-25° C in a dry, well ventilated place. Prevent unauthorized access.

**Incompatible products** Unknown

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Xylene 1330-20-7	STEL 150 ppm TWL 100 ppm	TWA 100 ppm TWA 435mg/m3 Vacated TWA 100 ppm Vacated TWA 435 mg/m3 Vacated STEL 150 ppm	-

		Vacated STEL 655 mg/m3	
--	--	------------------------	--

**Appropriate engineering controls**

**Engineering Measures** Showers, eyewash stations, ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face protection** None under normal use conditions

**Skin and body Protection** None under normal use conditions

**Respiratory Protection** None under normal use conditions. If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn

**Hygiene Measures** Use in a well-ventilated area. When using do not eat, drink, or smoke. Provide regular cleaning of equipment, work areas and clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b><u>Property</u></b>	<b><u>Value</u></b>
Boiling Point:	282 to 286°F
Specific Gravity (H2O=1) @ 70°F:	>1
Vapor Pressure (mm-Hg @ 70°F):	No Data
Melting Point:	No Data
Vapor Density (AIR = 1):	Greater than one (1)
Evaporation Rate (Butyl Acetate = 1):	Less than one (1)
Solubility in Water:	Negligible
PH:	No Data
Appearance and Odor:	Opaque, thin viscosity liquid with aromatic odor.
Volatile Organic Compound:	705 grams per liter

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under normal storage and handling conditions
<b>Possibility of Hazardous reactions</b>	None under normal use
<b>Hazardous Polymerization</b>	Will not occur
<b>Conditions to Avoid</b>	Heat, open flame, sparks, and sources of ignition
<b>Incompatible Materials</b>	Strong oxidizing and reducing agents, strong alkalis and strong acids
<b>Hazardous Decomposition -products</b>	Carbon dioxide, carbon monoxide, smoke, soot and various oxidation by-products.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information** None available. There is no data available on the product itself.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** There is no data available on the product itself

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with all applicable local, state and federal regulations.

**Contaminated Packaging** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**Domestic Highway (Containers <1 Quart are ORM-D)**

**Proper Shipping Name:** Consumer  
**Commodity Hazard Class/Subsidiary:** ORM-D  
**UN/NA No.:** None  
**Packing Group:** None  
**Label Required:** ORM-D

## 15. REGULATORY INFORMATION

**TSCA INVENTORY:** The product on this SDS is not listed on the Toxic Substances Control Act Inventory. All ingredients used to manufacture this product are listed on the TSCA Inventory.

US Regulatory Rules:

Section 313 or Title III of SARA. This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations Part 372.

**Xylene 1330-20-7** 10-40% wt

SARA 311-312 Hazard categories  
Acute Health Hazard YES  
Chronic Health Hazard YES  
Fire Hazard YES  
Sudden release of Pressure Hazard NO  
Reactive Hazard NO

California Proposition 65 NOT listed  
MA Right to know List Listed  
New Jersey Right to Know Listed  
Pennsylvania Right to Know Listed

## 16. OTHER INFORMATION

Health Hazard 2      Flammability 3      Reactivity 0      Personal Protection B

SKM has been advised by attorney that the OSHA Hazard Communication Standard does not apply to the SKM products listed in this SDS. The explanation for the exemption is contained in 29 CFR 1910.1200(b)(6)(ix) as amended July 1, 2002 per the code of Federal Regulations. This information contained in this MSDS is forwarded to you for your information, but is not meant to imply that the Hazard Communication Standard covers the product nor is this SDS meant to comply with all requirements of the Hazard Communication Standard.

**End of Safety Data Sheet**