



## **SAFETY DATA SHEET**

### **1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

#### **1.1 Product Identifier**

**Product Name:** I-Imagestblack-1L-K  
**Synonyms:** None  
**Proper shipping name:** None  
**Other means of identification:** None  
**Contains:** Ethane-1,2-diol

#### **1.2. Relevant identified uses of the substance or mixture and used advised against**

**1.2.1. Relevant identified uses** For Screen Engraving/Film Masking  
For Professional/Industrial use only  
**1.2.2. Uses advised against** Advice against other uses

#### **1.3. Details of the supplier of the safety data sheet**

**Company Name:** M&R Printing Equipment, Inc.  
**Address:** 440 Medinah Road  
Roselle, IL 60172-2329 USA  
**Telephone No.:** (800) 736-6431

**1.4 Emergency Telephone Number:** Chemtrec: within USA and Canada: 1-800-441-3637  
Within USA (Toll-Free): +1 (703) 741-5970  
Outside USA and Canada: 1-800-424-9300

### **2. HAZARDS IDENTIFICATION**

#### **2.1. Classification of the substance or mixture**

##### **Classification according to Regulation (EC) No 1272/2008 (CLP)**

| Classification | Category | Exposure route |
|----------------|----------|----------------|
| Skin Sens.     | 1        | -              |
| STOT Rep. Exp. | 2        | oral           |
| Acute Tox.     | 4        | -              |

##### **Other adverse Physico-chemical, human health and environmental effects**

None

#### **2.2 Label Elements**

##### **Labelling according to Regulation (EC) No 1272/2008 (CLP)**

##### **Hazard pictogram:**



##### **Signal word:**

##### **Hazard statements:**

Warning  
H302: Harmful if swallowed  
H317: May cause an allergic skin reaction  
H373: May cause damage to organs through prolonged or repeated exposure

##### **Precautionary statements:**

##### **Prevention:**

EU208: May produce an allergic reaction

P260: Do not breathe mist/vapors

According to Regulation(EC) No. 1907/2006/EC

**Response:**

P280: Wear protective gloves/ protective clothing/ protective eye and face protection  
P302+P350: IF ON SKIN: Wash with plenty of soap and water  
P333+P313: If skin irritation or rash occurs: Get medical advice / attention  
P305+P351+P338 IF IN EYES: Rinse immediately with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

**2.3 Other Hazards**

No reliable data is available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

Not applicable

**3.2. Mixtures**

| Name            | CAS No.  | EC No.    | Index No.    | REACH No.             | % wt/wt | Classification according to (EC) No1272/2008 (CLP) |
|-----------------|----------|-----------|--------------|-----------------------|---------|----------------------------------------------------|
| Ethylene Glycol | 107-21-1 | 203-473-3 | 603-027-21-1 | 01-2119456816-28-0128 | <25     | Acute Tox4; H302<br>STOT Rep. Exp. 2<br>H373       |

Note: Undisclosed components are not classified or water.

**4. FIRST AID MEASURES**

**4.1. Description of first aid measures**

**General Advice:**

Remove contaminated clothing.

**If Inhaled:**

Keep patient calm, remove to fresh air, seek medical attention.

**On Skin contact:**

Wash thoroughly with soap and water

**On contact with eyes:**

P302+ P352: Wash with plenty of soap and water

Remove contact lenses, if present and easy to do. Wash affected eyes for at least 15 minutes under running water with eyelids held open. If eye irritation persists: Get medical advice/attention.

**On ingestion:**

immediately rinse mouth and then drink 200-300 ml of water, seek medical attention

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**Treatment:**

Treat according to symptoms (decontamination, vital functions), with no known specific antidote.

**4.2. Most important symptoms and effects, both acute and delayed**

**Inhaled:**

The material is not thought to produce adverse health effects or respiratory tract irritation (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and suitable control measures be used in an occupational setting.

**Ingestion:**

Ingestion is thought to produce harmful effects (as classified under EC Directives); the material causes damage to the health of the following individual ingestion, especially where pre-existing organ (e.g. liver, kidney) damage is evident.

**Skin Contact:**

Since material may cause sensitization to the skin, good hygiene practice requires that exposure be kept to a minimum and suitable gloves be used in an occupational setting.

**Eye:**

The material is thought to cause serious eye irritation.

**Chronic:**

May cause damage to organs through prolonged or repeated exposure: Affected organs: kidney; Route of exposure: Oral.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

P314: Get medical attention if you feel unwell

### **5. FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for the surrounding area.

#### **5.2. Special hazards arising from the substance or mixture**

No data is available.

#### **5.3. Advice for firefighters**

Alert the Fire Brigade and tell them the location and nature of the hazard. Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or watercourses. Use water delivered as a fine spray to control fire and cool adjacent areas.

DO NOT approach containers suspected to be hot.

Cool fire-exposed containers with water spray from a protected location.

If safe to do so, remove containers from the path of fire.

Further information: Contaminated extinguishing water must be disposed of in accordance with official regulations.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

P281: Use personal protective equipment as required.

##### **6.1.1. For non-emergency personnel**

Avoid breathing mist/vapours/spray. Wear protective gloves/ protective clothing/ protective eye and face protection— Wash hands/ area of contact thoroughly after handling. Do not eat, drink, or smoke when using this product. Obtain special instructions before use. Use personal protective equipment as required.

##### **6.1.2. For emergency responders**

Wear suitable protective equipment.

#### **6.2. Environmental precautions**

Take precautions to prevent entry into waterways, sewers, or surface drainage systems. Dispose of according to local or international regulations.

#### **6.3. Methods and material for containment and cleaning up**

P264: Wash hands/ area of contact thoroughly after handling.

Methods for cleaning up or taking up:

**For small amounts:** Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations.

**For large amounts:** Pump off the product. Correctly dispose of the recovered product immediately.

#### **6.4. Reference to other sections**

Personal Protective Equipment advice is contained in Section 8 and section 13 of the MSDS.

### **7. HANDLING AND STORAGE**

#### **7.1. Precautions for safe handling**

Avoid ingestion, inhalation, skin and eye contact. Minimize dust generation and accumulation. Handle in accordance with good industrial hygiene practices and any legal requirements.

P270: Do not eat, drink, or smoke when using this product.

P273: Avoid release to the environment.

Handling: Protection against fire and explosion, Electrical devices must meet the specified temperature class.

## 7.2. Conditions for safe storage, including any incompatibilities

Note: For the best performance of the inks for the application, it is advisable to store and transport between 10 deg C to 35 deg C

Suitable container: PP/ HDPE/LDPE plastic can or drums. Check that all containers are clearly labelled and free from leaks. Keep the container tightly closed in a ventilated place. Store in a cool and dry place. Keep away from heat and direct sunlight.

Storage incompatibility: Avoid reaction with incompatible substances. Avoid reaction with oxidizing agents.

## 7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

| Substance       | Form        | TWA                  | STEL                  | Reference                                                           |
|-----------------|-------------|----------------------|-----------------------|---------------------------------------------------------------------|
| Ethylene Glycol | Particulate | 10 mg/m <sup>3</sup> |                       | EH40/2005 WELs (United Kingdom (UK), 8/2007). Absorbed through skin |
|                 | Vapour      | 52 mg/m <sup>3</sup> | 104 mg/m <sup>3</sup> | Same                                                                |
|                 | Vapour      | 20ppm                | 40ppm                 | Same/ ACGIH/ OSHA                                                   |

## Ethylene Glycol

### Derived effect levels

#### Long term exposure

|      |                      |                    |                           |
|------|----------------------|--------------------|---------------------------|
| DNEL | 35 mg/m <sup>3</sup> | Workers            | skin irritation/corrosion |
| DNEL | 106 mg/kg bw/day     | Workers            | repeated dose toxicity    |
| DNEL | 7 mg/m <sup>3</sup>  | General Population | skin irritation/corrosion |
| DNEL | 53 mg/kg bw/day      | General Population | repeated dose toxicity    |

### Predicted effect concentrations

|                                   |                       |                       |
|-----------------------------------|-----------------------|-----------------------|
| PNEC aqua (freshwater)            | 10 mg/L               | Assessment Factor     |
| PNEC aqua (marine water)          | 1 mg/L                | Assessment Factor     |
| PNEC aqua (intermittent releases) | 10 mg/L               | Assessment Factor     |
| PNEC STP                          | 199.5 mg/L            | Assessment Factor     |
| PNEC sediment (freshwater)        | 37 mg/kg sediment dw  | partition coefficient |
| PNEC sediment (marine water)      | 3.7 mg/kg sediment dw | partition coefficient |
| PNEC soil                         | 1.53 mg/kg soil dw    | partition coefficient |

## 8.2. Exposure controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

Process controls involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard “physically” away from the worker and ventilation that strategically “adds” and “removes” air in the work environment.

General Personal Protection: Safety goggles or face shields, chemical-resistant gloves, protective clothing and apparatus.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

|                                         |                   |
|-----------------------------------------|-------------------|
| Physical state:                         | Liquid            |
| Color:                                  | Black             |
| Odor:                                   | Very Mild         |
| Odor threshold:                         | No data available |
| pH:                                     | 7~9               |
| Melting point / Freezing point:         | Not applicable    |
| Boiling point:                          | >100°C            |
| Flashpoint:                             | >100°C            |
| Evaporation rate:                       | Not Established   |
| Flammability (solid, gas):              | Non-flammable     |
| Upper/lower flammability:               | No data available |
| Explosive limits:                       | No data available |
| Vapor pressure:                         | No data available |
| Vapor density:                          | No data available |
| Density g/cm <sup>3</sup> :             | 1.12              |
| Water Solubility(ies):                  | Soluble           |
| Partition coefficient: n-octanol/water: | No data available |
| Auto-ignition temperature:              | Not applicable    |
| Viscosity:                              | 3-12cPs           |
| Explosive properties:                   | Not explosive     |
| Oxidizing properties:                   | Not oxidizing     |

### 9.2. Other information

No additional data is available.

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under normal storage conditions. May react with strong oxidizing agents and incompatible materials.

### 10.2. Chemical stability

The product is considered stable during storage and transportation under normal conditions.

### 10.3. Possibility of hazardous reactions

Stable under normal conditions. Hazardous reactions may occur if contact with incompatible material.

### 10.4. Conditions to avoid

Heat and direct sunlight, high temperature, ignition sources (sparks, flames, static), and incompatible materials.

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

Thermal decomposition products: may emit toxic fumes. Oxides of carbon, sulphur, nitrogen, zinc and phosphorus.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

- (a) Acute Oral Toxicity  
Data is not available for the mixture.

#### Component wise data

1. Ethylene glycol  
LD50= 7712 mg/kg bw                      7d              Rat

#### Clinical signs

Depression, narcosis.

#### Gross pathology

Animals that died: kidney damage

- (b) Acute Dermal Toxicity  
No Data is available for the mixture.

#### Component wise data

Ethylene glycol LD50 > 3500 mg/kg bw                      Mouse

- (c) Acute Inhalation Toxicity  
No Data is available for the mixture.

#### Component wise data

Ethylene glycol LC50 > 2.5 mg/L air              6h              Rat

- (d) Irritant/Corrosive  
No Data is available for the mixture.

#### Component wise data

Ethylene glycol  
Not irritating

- (e) Sensitizing  
No Data is available for the mixture.

#### Component wise data

Ethylene glycol  
Not sensitizing

- (f) Genetic toxicity  
No Data is available for the mixture.

#### Component wise data

Ethylene glycol  
In Vitro- Negative  
In Vivo- Negative

- (g) Carcinogenicity  
No Data is available for the mixture.

#### Component wise data

Ethylene glycol

The results of this study suggest that ingestion of EG at a dosage of 1000 mg/kg diet may have accelerated the appearance of lymphosarcomas in female mice. However, the incidence was equivocal. There was no evidence of an increase in any other tumour type.

According to Regulation(EC) No. 1907/2006/EC

- (h) STOT- Repeated exposures  
No data available for mixtures

**Component wise data**

Ethylene glycol

Oral- Increased mortality appeared in male animals receiving 1 and 4% in the diet, but the mortality data for females were difficult to interpret. Calcification of the kidneys and oxalate-containing calculi were observed in males on the 0.5, 1 and 4% diets. Females receiving diets containing 1 and 4% showed calcification, but oxalate-containing calculi were detectable only in the females on the 4% diet. One female rat in the group receiving 0.1% ethylene glycol developed a large magnesium phosphate stone that contained no demonstrable amount of oxalate. There was an increased water consumption and protein appearance in the urine of males receiving the 1 and 4% diets and females on the 4% diet.

Dermal- No testicular damage that was definitely induced by the test substance was detected in any of the male dogs investigated.

LD50 dermal (dog): > 4000 mg/kg bw

- (i) Reproductive Toxicity  
No Data is available for the mixture.

**Component wise data**

Ethylene glycol

Exposure to ethylene glycol resulted in a small but significant decrease in the number of litters per breeding pair, the number of live pups per pair and the live pup weight. A significant number of pups in the 1.0% dose group were born with distinct facial deformities. In the retained litters at this dose, the facial deformities were more obvious with age. These malformed animals also exhibited fused ribs and shortened nasal, parietal, and/or frontal bones of the skull. When pups from the high-dose group were raised to adulthood (with continued exposure to ethylene glycol) and mated, they exhibited decreased mating and fertility indices relative to controls handled in the same manner. However, there were no effects on litter size, pup weight or sex ratio. The authors deemed ethylene glycol a "weak reproductive toxicant, but a potential teratogen.

- (j) Aspiration hazard: not tested  
No Data is available for the mixture.

**Component wise data**

Ethylene glycol

No data available

Other information: None

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

No data is available for the mixture.

**Component wise data**

Ethylene glycol

Short term fish

|                  |      |                     |
|------------------|------|---------------------|
| LC50 = 72860 mg/ | 96 h | Pimephales promelas |
|------------------|------|---------------------|

Long term fish

|                   |     |                     |
|-------------------|-----|---------------------|
| NOEC = 32000 mg/L | 7 d | Pimephales promelas |
|-------------------|-----|---------------------|

Toxicity to aquatic algae and cyanobacteria

|                          |     |                         |
|--------------------------|-----|-------------------------|
| other: TGK= > 10000 mg/L | 8 d | Scenedesmus quadricauda |
|--------------------------|-----|-------------------------|

According to Regulation(EC) No. 1907/2006/EC

#### 12.2. Persistence and degradability

Abiotic Degradation: No data available for the mixture  
Physical- and photo-chemical elimination: No data available for the mixture  
Biodegradation: no data available.

##### Component wise data

Ethylene glycol  
Readily biodegradable

#### 12.3. Bioaccumulative potential

Bioconcentration factor (BCF): No data available for the mixture

##### Component wise data

Ethylene glycol  
No data available

#### 12.4. Mobility in soil

Distribution to environmental compartments: No data available for the mixture  
Adsorption/ Desorption: No data available for the mixture

##### Component wise data

Ethylene glycol  
log K<sub>oc</sub>= 0

#### 12.5. Results of PBT and vPvB assessment

No data available for this mixture

##### Component wise data

Ethylene glycol  
This substance is not PBT / vPvB

#### 12.6. Other adverse effects

No data available

### 13. DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Product disposal: refer to specific national regulations. Contaminated packaging: contaminated, empty containers must be disposed of as chemical waste. Do not discharge into sewers or waterways.

Where possible, arrange for the product to be recycled. Dispose of via an authorized person/licensed waste disposal contractor in accordance with local regulations.

European Waste Catalogue (EWC) Hazardous waste: Yes.

|            |                               |
|------------|-------------------------------|
| Waste code | Waste designation             |
| 08 03 03   | Waste from water-based ink    |
| 15 01 02   | Plastic packaging (packaging) |

However, deviation from the intended use and/or the presence of any potential contaminants may require an alternative waste disposal code to be assigned by the end user.

##### Packaging Material:

Disposal: This material and its container must be disposed of safely. Do not puncture or incinerate the container. Empty containers or liners may retain some product residues. HDPE bottles are used to pack the inks.

P501: Dispose of contents/container in accordance with local/regional/national/international regulation

#### 14. TRANSPORT INFORMATION

Note: For the best performance of the inks for the application, it is advisable to store and transport between 10 deg C to 35 deg C.

##### Land transport (ADR / RID / GGVSE)

|                                 |                     |                                   |                                |                |
|---------------------------------|---------------------|-----------------------------------|--------------------------------|----------------|
| 14.1 UN number                  | Not applicable      | 14.4 Packing group                | Not applicable                 |                |
| 14.2 UN proper shipping name    | Not dangerous goods | 14.5 Environmental hazard         | No relevant data               |                |
| 14.3 Transport hazard class(es) | Not applicable      | 14.6 Special precautions for user | Hazard identification (Kemler) | Not applicable |

##### Air transport (ICAO-IATA / DGR)

|                                 |                     |                                   |                   |  |
|---------------------------------|---------------------|-----------------------------------|-------------------|--|
| 14.1 UN number                  | Not applicable      | 14.4 Packing group                | Not applicable    |  |
| 14.2 UN proper shipping name    | Not dangerous goods | 14.5 Environmental hazard         | No relevant data  |  |
| 14.3 Transport hazard class(es) | Not applicable      | 14.6 Special precautions for user | No data available |  |

Inks are not regulated/Subject to ICAO/IATA. They do not fall under DG regulations.  
It is not classified as dangerous in the meaning of transport regulations.

##### Inland waterways transport (ADNR / River Rhine)

|                                   |                |      |  |  |
|-----------------------------------|----------------|------|--|--|
| 14.1 UN number                    | None           |      |  |  |
| 14.2 UN proper shipping name      | None           |      |  |  |
| 14.3 Transport hazard class(es)   | None           |      |  |  |
| 14.4 Packing group                | None           |      |  |  |
| 14.5 Environmental hazards        | None           |      |  |  |
| 14.6 Special precautions for user | Classification | None |  |  |
|                                   | Code           | None |  |  |
|                                   | Equipment      | None |  |  |
|                                   | Fire cones     | None |  |  |

##### Sea Transport (IMDG code-GGVSee)

|                                 |      |                                   |            |      |
|---------------------------------|------|-----------------------------------|------------|------|
| 14.1 UN number                  | None | 14.4 Packing group                | None       |      |
| 14.2 UN proper shipping name    | None | 14.5 Environmental hazard         | None       |      |
| 14.3 Transport hazard class(es) | None | 14.6 Special precautions for user | EMS Number | None |

**14.7. Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code**  
Not applicable

## 15. REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific to the substance or mixture

#### 15.1.1. EU-Regulations

**Regulation (EC) No 1005/2009 on substances that deplete the ozone layer not regulated Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC**

Not regulated

**Regulation (EC) No 1005/2009 on substances that deplete the ozone layer**

Not regulated

**Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals**

Not regulated

#### **Substances of very high concern (SVHC)**

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of  $\geq 0.1\%$  (w/w).

#### **Directive 2000/39/EC - indicative occupational exposure limit values**

Ethylene glycol

### 15.2. Chemical safety assessment

CSA has been performed on Ethylene Glycol

## 16. OTHER INFORMATION

### 16.1 Key literature references and sources for data

The procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification | Category | Method of classifications |
|----------------|----------|---------------------------|
| Skin Sens.     | 1        | Bridging Principle        |
| STOT Rep. Exp. | 2        | Bridging Principle        |
| Acute Tox.     | 4        | Bridging Principle        |

#### **LEGEND**

ACGIH = American Conference of Governmental Industrial Hygienists

DNEL= Derived No-Effect Level

EC= European Commission

LC= Lethal Concentration

OSHA = Occupational Safety and Health Administration (U.S.A.)

PBT= Persistent bioaccumulative toxic

PNEC= Predicted No Effect Concentration

REACH= Registration, Evaluation, Authorization and Restriction of Chemicals

STEL = Short-Term Exposure Limit

STOT= SPECIFIC TARGET ORGAN SYSTEMIC

TWA = Time-weighted Average

UN= United Nation

vPVB = very persistent very Bioaccumulative

WEL= Workplace Exposure Limits

## SOURCE

- REACH registered chemicals, [http://echa.europa.eu/chem\\_data\\_en.asp](http://echa.europa.eu/chem_data_en.asp)
- CLP details, <http://echa.europa.eu/clp-2015>
- Toxnet, <http://toxnet.nlm.nih.gov>

## 16.2 List of relevant hazard statements and risk phrases

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard statements:</b>        | H302: Harmful if swallowed<br>H317: May cause an allergic skin reaction<br>H373: May cause damage to organs through prolonged or repeated exposure<br><br>EU208: May produce an allergic reaction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Precautionary statements:</b> | P201: Obtain special instructions before use.<br>P260: Do not breathe mist/vapours<br>P264: Wash hands/ area of contact thoroughly after handling.<br>P270: Do not eat, drink, or smoke when using this product.<br>P273: Avoid release to the environment.<br>P280: Wear protective gloves/ protective clothing/ protective eye and face protection<br>P281: Use personal protective equipment as required<br>P302+P350: IF ON SKIN: Wash with plenty of soap and water<br>P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.<br>P305+P351+P338 IF IN EYES: Rinse immediately with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.<br>P337+P313: If eye irritation persists: Get medical advice/attention.<br>P302+ P352: Wash with plenty of soap and water<br>P333+P313: If skin irritation or rash occurs: Get medical advice /attention<br>P314: Get medical attention if you feel unwell.<br>P405: Store locked up.<br>P501: Dispose of contents/container in accordance with local/regional/national/ international regulations. |

## 16.3 Other

This product should be stored, handled, and used according to good industrial hygiene practices and conform to any legal regulation. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. The scale of use, frequency of use and current or available engineering controls must be considered. For detailed advice on Personal Protective Equipment, refer to the following EUCEN Standards:

EN 16 Personal eye – protection  
EN 340 Protective clothing  
EN 374 Protective gloves against chemicals and microorganisms  
EN 13832 Footwear protecting against chemicals  
EN 133 Respiratory protective devices.

## 16.4 HMIS Ratings

|                     |     |
|---------------------|-----|
| Health              | : 1 |
| Flammability        | : 1 |
| Reactivity          | : 0 |
| Personal Protection | : B |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. Therefore, it should not be construed as guaranteeing any specific product property. M&R Printing Equipment, Inc. assumes no responsibility for injury from the use of the product described herein.*