

Section 1 Chemical Product and Company Identification

Product Identifier	MiraMag® Plate Protector-EG
Product Number	IR-CHE8520
General Use	Printing operations
Company Address	UEI Systems®, a UEI Group Company 9090 Nieman Road Overland Park, KS 66214 USA
Phone	+1 800 221 9059 or +1 913 541 0503
Emergency Contact Number	CHEMTREC – Available 24 hours/day, 7 days/week Domestic North America: +1 800 424 9300 International: +1 703 527 3887

Section 2 Hazards Identification

GHS Classification	Not classified as hazardous
GHS Labeling	Not applicable

Section 3 Hazardous Ingredients / Identity Information

Mixtures	All ingredients in this mixture are water and other ingredients which are present at less than 1% in concentration by weight. There are no carcinogens, reproductive toxins or respiratory sensitizers present.
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Section 4 First Aid Measures

Inhalation	If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms, consult with a medical professional.
Skin Contact	For even minor contact, immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting unless directed to do so by medical personnel.
Symptoms and Effects, both Acute and Delayed	May cause minor skin/eye irritation

Section 5 Firefighting Measures

Extinguishing Media	Not combustible. If there is a fire close by, use suitable extinguishing agents.
Fire Hazard	The product itself will not burn.
Explosion Hazard	The product is not explosive.
Reactivity	Stable
Firefighting Equipment/Instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
Protection During Firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 Accidental Release Measures

Protective Equipment for Non-Emergency Personnel	Wear water-proof gloves. Avoid contact with skin and eyes.
Emergency Procedures for Non-Emergency Personnel	Stop leak without risks if possible. Small spills may be taken up in non-combustible absorbent material and shoveled into a container for disposal.
Protective Equipment for Emergency Responders	Avoid eye and skin contact. Use eye protection designed to protect against liquid splashes (EN 166). Wear suitable protective clothing and rubber gloves (EN 374).
Emergency Procedures for Emergency Responders	Stop leak without risks if possible. Relevant water authorities should be notified of any large spillage to water course or drain. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Impound and recover large spill by mixing it with inert granular solids.
Environmental Precautions	Notify authorities if material enters sewers or public waters
Methods for Cleaning Up	Absorb and/or contain spill with inert material, then place in a suitable container.

Section 7 Handling and Storage

Handling Precautions	Avoid eye and skin contact. Do not eat, drink or smoke when using this product. Use in a well-ventilated location. Open containers slowly on a stable surface. Do not expose containers to extreme temperatures. Avoid breathing airborne mists, sprays, or vapors generated by this product.
Hygiene Measures	Always wash your hands immediately after using this product, and once again before leaving the workplace. Do not eat or drink while using this product. Remove contaminated clothing and wash before reuse.
Storage Requirements	Store in original container. Keep container tightly closed and in a well-ventilated place. Product should be stored in a sealed container. Keep container tightly closed when not in use.
Incompatible Materials	Incompatible with water-reactive materials, strong oxidizers.
Heat Ignition	Not applicable
Storage Area	Store in dry, cool, well-ventilated area. Store away from incompatible materials. Storage areas should be made of fire resistant materials.

Section 8 Component Exposure Limits

Control Parameters	No exposure limits have been set for any component in the mixture.
Appropriate Engineering Controls	Avoid splashing.
Personal Respiratory Protection	A properly fitted respirator with cartridges suitable for mists is recommended in instances where heavy mist is formed. EN 12083.
Hand Protection	Wear protective, water-proof gloves
Eye Protection	Use splash goggles when eye contact due to splashing is possible
Skin Protection	Wear protective clothing

Section 9 Physical and Chemical Properties

Appearance/Odor	Light blue liquid/odorless	Odor Threshold	No data available
pH	No data available	pH	Not established
Boiling Point	Similar to water	Melting Point	Similar to water
Solubility (H₂O)	Miscible with water	Specific Gravity	No data available
Evaporation Rate	No data available	Decomposition Temperature	No data available
Auto Ignition	No data available	Self-ignition Temperature	No data available
Flash Point	No data available	Relative Vapor Density	>1 (Air = 1.0)
Relative Density	1	Vapor Pressure	Similar to water
Flammability	Not flammable	Viscosity, Dynamic	No data available
Freezing Point	Similar to water		

Section 10 Chemical Stability and Reactivity

Reactivity	Normally stable, even under fire exposure conditions, and not reactive with water. Thermal decomposition generates acidic fumes, and oxides of carbon
Chemical Stability	Stable under normal conditions
Possibility of Hazardous Reactions	Incompatible with strong oxidizers and water reactive materials
Conditions to Avoid	Avoid contact with incompatible materials, excessive heat or cold
Incompatibility	Refer to Section 7
Hazardous Decomposition/By-Products	Acidic vapors and oxides of carbon

Section 11 Toxicological Information

Likely Routes of Exposure	Dermal (skin contact), Inhalation, and Ocular (eye contact)
Symptoms	Contact with eyes and skin may cause minor irritation. Inhalation may cause irritation, cough, shortness of breath.
Effects from Exposure	The most serious short term effects are due to contact with eyes and skin, resulting in irritation.
Acute Toxicity	No data available
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive Toxicity	No data available
Specific Target Organ Toxicity (single exposure)	No data available
Specific Target Organ Toxicity (repeated exposure)	No data available

Section 12 Ecological Information

Toxicity	No data available
Persistence/Degradability	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available

Section 13 Disposal Considerations

Disposal Instructions Depending on the local regulations, it may be disposed of as solid waste or incinerated in a suitable installation. Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.

Section 14 Transportation Information

Not classified as a dangerous good for transport

DOT (US)		IMDG		IATA	
UN number	Non-regulated	UN number	Non-regulated	UN number	Non-regulated
Class	–	Class	–	Class	–
Packing group	–	Packing group	–	Packing group	–
Proper shipping name	–	EMS-No	F-A, S-F	Proper shipping name	–
Reportable Quantity (RQ)	–	Proper shipping name	–		
Marine pollutant	–	Marine pollutant	–		
Poison Inhalation Hazard	–				

Section 15 Regulatory Information

United States - TSCA 12(b) - Chemical Export Notification	None required
United States - TSCA 5(a)2 - Final Significant New Use Rules	Not listed
TSCA 5(a)2 - Proposed Significant New Use Rules	Not listed
TSCA 5(e) - Substances Consent Order	Not listed
California Prop 65	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
United States Inventory TSCA 8(b)	All components are listed or exempted.

Section 16

Other Information

UEI Systems® provides the information contained herein in good faith. It is believed to be correct. However it is not all-inclusive and should be used only as a guide. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. UEI Systems shall not be held liable for any damage resulting from handling or from contact with this product. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources.

Abbreviations PEL Permissible Exposure Limit
TLV Threshold Limit Value

End Notes

1. SARA - Signed into law in 1986, the Superfund Amendments and Reauthorization Act (SARA) is an extension of CERCLA, and is intended to encourage and support local and state emergency planning efforts. SARA provides citizens and local governments with information about potential chemical hazards, and calls for facilities that store hazardous materials to provide officials and citizens with data on the type and amount on hand at specific locations. This field states whether a material is listed or not listed in section 372.65 of SARA. EHS - This states if a material is listed or not listed in Appendix B to part 355, the SARA Extremely Hazardous Substances (EHS) section. RQ is the reportable quantity. TPQ is the Threshold Planning Quantity.
2. RCRA - The Resource Conservation and Recovery Act enacted in 1976 and subsequently amended, controls solid-waste disposal and encourages recycling. This states whether a material is listed or not listed under this regulation. If listed the Hazardous Waste Number and waste characterization assigned by RCRA is also provided.
3. CERCLA - Enacted in 1980 and amended thereafter, the Comprehensive Environmental Response, Compensation, and Liability Act provides for identification and cleanup of hazardous materials released on land, into the air, waterways, and groundwater. It covers areas affected by newly released materials and older leaking or abandoned dump sites. This states whether a material is listed or not listed in CERCLA Table 302.4. If listed the section(s) that it is listed under and the Reportable Quantity (RQ) are also provided.
4. TSCA - The Toxic Substances Control Act controls the exposure to and use of raw industrial chemicals not subject to other laws. This states whether the chemical is listed or not listed under this regulation.

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