

SAFETY DATA SHEET UV Screen Flasher Ink

Page 1 of 5

MSDS155 Revision 1
Revision Date 10/30/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product name UV Screen Flasher Ink
Additional Names None
Description Flasher Ink.
Intended Use Printer

Company LCR Hallcrest
 1911 Pickwick Lane
 Glenview
 IL 60026 USA
Web www.hallcrest.com
Telephone +1 847 998 8580
Fax +1 847 998 6866
Email sales@hallcrest.com
Emergency telephone number Chemtel Domestic: 800-255-3924
 Intl: +01-813-248-0585

2. HAZARDS IDENTIFICATION.

GHS Classification Skin Sens. 1: H317 - May cause an allergic skin reaction.

Pictograms



Signal Word Hazard Statements

WARNING
Skin Sens. 1: H317 - May cause an allergic skin reaction.

Precautionary Statement

P261 - Avoid breathing dust/fumes/gas/mist/vapours/spray.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 - IF ON SKIN: Wash with plenty of water
 P321 -
 P333+P313 - If skin irritation or a rash occurs: Get medical advice/attention.
 P363 - Wash contaminated clothing before reuse.
 P501 - Dispose of contents/container in accordance with local/regional/national/international regulation

3. COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients	Trade Secret?	Conc.	CAS
2-Propenoic acid, monoester with 1,2-Propanediol	The exact percentage of composition has been withheld as a trade secret	0.1-1%	25584-83-2

4. FIRST AID MEASURES

Description of first aid measures

Skin contact Remove contaminated clothing. If irritation develops, get medical attention. Wash off with soap and water. Wash off immediately with soap and plenty of water. Consult a physician if necessary.
Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation Move to fresh air. If symptoms persist, call a physician.
Ingestion Never give anything by mouth to an unconscious person. Rinse mouth. Consult a physician if necessary.

Most important symptoms and effect, both acute or delayed.

Symptoms May cause skin sensitization, irritation or dermatitis.

Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

5. FIRE FIGHTING MEASURES

- Extinguishing Media** Use as appropriate: carbon dioxide (CO₂), dry chemical, water spray.
- Unsuitable Extinguishing Media** If one of the following is listed in Section 3 (Copper, Zinc, or Aluminum) then water, CO₂, foam and ABC powder are not suitable extinguishing media.
- Specific hazards arising from the chemical** Thermal decomposition can lead to release of irritating gases and vapors. Hazardous polymerization may occur.
- Special protective actions for fire-fighters** U Standard procedure for chemical fires. Use personal protective equipment, self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions, protective equipment and emergency procedures** Ensure adequate ventilation of the working area. Wear suitable protective equipment.
- Environmental Precautions** Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
- Methods and material for containment and cleaning up** Prevent product from entering drains. Sweep up and shovel into suitable containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated surface thoroughly. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

- Precautions for safe handling** Keep away from open flames, hot surfaces and sources of ignition. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice.
- Conditions for safe storage, including incompatibilities:** Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Keep at temperature not exceeding 40°C. Keep containers tightly closed in a cool, well-ventilated place.
- Incompatible materials:** polymerization initiators. Strong oxidizing agents. Carbon steel, copper and copper alloys. Peroxides.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Control Parameters

Individual Protection Measures

- Eye/face protection** Safety glasses with side-shields.
- Skin protection – Hand protection** Wear protective nitrile rubber gloves.
- Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Environmental Exposure Controls Ensure adequate ventilation, especially in confined areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Paste
Appearance	Product Specific
Odor	Acrylic
Color	No information available
Odor Threshold	No information available
PH	Not applicable
Melting point/freezing point	Not available
Boiling Point/Range	
Flash point	> 94 °C
Method	Calculated
Evaporation rate	No information available
Flammability Limit in Air	
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Vapor pressure	No information available
Vapor density	Not available
Specific Gravity	1.1332
Water solubility	Insoluble
Solubility in other solvents	No information available
Partition coefficient	Not available
Autoignition temperature	Not available
Decomposition temperature	No data available
Kinematic viscosity	No information available
Dynamic viscosity	Not available
Explosive properties	No information available
Oxidizing Properties	No information available
Other information	
Weight % VOC	0.876
Weight % Solids	99.124
Density (lbs/gal) U.S.	9.457

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical Stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing. Hazardous polymerization may occur upon depletion of inhibitor - may cause heat and pressure build-up in closed containers.
Conditions to avoid	Protect from light. Loss of air. Temperatures above 40°C. Container may rupture on heating. Loss of inhibitor.
Incompatible materials	polymerization initiators. Strong oxidizing agents. Carbon steel, copper and copper alloys. Peroxides.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide (CO2).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Production Information The product itself has not been tested.

Inhalation No data available.

Eye Contact No data available.

Skin contact No data available.

Ingestion No data available.

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Reproductive toxicity Not available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Chronic toxicity Repeated contact may cause allergic reactions in very susceptible persons.
Aspiration hazard No information available.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix(oral) 12438 Mg/kg
ATEmix(dermal) 37313 Mg/kg
ATEmix(inhalation-dust/mist) 5.6 mg/L

12. ECOLOGICAL INFORMATION

Persistence and degradability No data available
Bioaccumulative potential No data available
Mobility in soil No data available
Other adverse effects No data available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods Absorb with inert, absorbent material.
General Information Dispose of in compliance with all local and national regulations.
Disposal Methods Do not empty into drains; dispose of this material and its container in a safe way.
US EPA Waste Number Consult 40 CFR Part 261

14. TRANSPORT INFORMATION

UN Number This product is not classified as dangerous for carriage.
UN Proper Shipping Name This product is not classified as dangerous for carriage.
Transport Hazard class(es) This product is not classified as dangerous for carriage.
Packing Group (if applicable) This product is not classified as dangerous for carriage.
Environmental Hazards This product is not classified as dangerous for carriage.
Special Precautions for the User This product is not classified as dangerous for carriage.
DOT This product is not classified as dangerous for carriage.
IMDG This product is not classified as dangerous for carriage.
IATA This product is not classified as dangerous for carriage.
Further Information

Further information The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

Inventories

TSCA Complies
DSL/NDSL Complies

Legend:

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

Federal Regulations

SARA Section 313 Toxic Chemical List

The product does not contain any components reportable under Section 313 (40 CFR 372)

SARA 311/312 Hazardous Categorization

Acute Health Hazard Yes
Chronic Health Hazard Yes
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactivity Hazard Yes

CERCLA

US State Regulations

California Prop 65 This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

State Right to Know

Component	New Jersey	Massachusetts	Pennsylvania
Formaldehyde	X	X	X

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Canada

All components of this product are included on the DSL or NDSL or are not required to be listed. This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

Revision	Revision 1 10/30/2015: Major revision to include the requirements of the HCS/HazCom 2012 Final Rule.
Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
NFPA LABELLING	HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 2,