Safety Data Sheet

Product identifier: EFS-150 Fluorescent Yellow
SDS No.: 037-U4010370
Date of preparation: 2026/07/08
Date of revision: 2026/11/11

1. Identification

Product identifier	EFS-150 Fluorescent Yellow
Other means of identification	Not available
Product code	EFS150-FY-BA

Recommended use of the chemical and restrictions on use

Recommended use	Ink for inkjet printers
Restrictions on use	Use for purposes other than those recommended is prohibited.

Chemical manufacturer, importer, or other responsible party(local)

Company name	MIMAKI USA, INC.
U.S. address	4851 Thurmon Tanner Parkway, STE 100 Flowery Branch, GA 30542, U.S.A.
U.S. telephone number	+1-678-730-0170

Manufacturer

Company name	MIMAKI ENGINEERING CO., LTD.
Address	2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN
Telephone number	+81-268-64-2413
Emergency phone number	+1 866 928 0789 (within United States only, Toll free) +1 215 207 0061

2. Hazard identification

GHS classification

Acute toxicity (Oral)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Reproductive toxicity	Category 2
Specific target organ toxicity-Single exposure	Category 3 (Respiratory tract irritation)
Specific target organ toxicity-Repeated exposure	Category 2
Hazardous to the aquatic environment – Long-term (chronic) hazard	Category 2

Hazards not described are "Not classified", "Not applicable" or "Classification not possible".

Label content

Hazard pictogram or symbol



Signal word Danger

Hazard statement(s)

Harmful if swallowed

Causes skin irritation

May cause an allergic skin reaction

Causes serious eye damage

May cause respiratory irritation

Suspected of damaging fertility or the unborn child

May cause damage to organs through prolonged or repeated exposure

Toxic to aquatic life with long lasting effects

Precautionary statement(s)

Prevention

Obtain special instructions before use.

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

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash contaminated areas thoroughly after handling.

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

Use only outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response

If swallowed: Call a POISON CENTER/doctor if you feel unwell.

If on skin: Wash with plenty of water.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Immediately call a POISON CENTER/doctor.

Specific treatment (see section 4 on the SDS).

Rinse mouth.

If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Collect spillage.

Storage

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard not otherwise classified (HNOC):

Not available

Hazards of chemical reaction products associated with known or reasonably anticipated uses or applications:

Not available

Supplementary hazard information:

70-85% of the mixture consists of ingredients of unknown acute oral toxicity.

3. Composition/information on ingredients

Distinction of substance or mixture: Mixture

Chemical name	**Common name(Synonyms)**	**CAS number**	**Content or concentration range**
Methanone, 1,1'-(phenylphosphinylidene)bis[1-(2,4,6-trimethylphenyl)-	Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)-	162881-26-7	1-5%
Photoinitiator 1	Not available	Confidential	1-5%
Photoinitiator 2	Not available	Confidential	4-10%
Acrylamide	Not available	Confidential	15-30%
2-Propenoic acid, 2-phenoxyethyl ester	2-Phenoxyethyl acrylate	48145-04-6	15-30%
2-Propenoic acid, phenylmethyl ester	Benzyl acrylate	2495-35-4	15-30%
2-Propenoic acid, 1,1'-(1,6-hexanediyl) ester	1,6-Hexanediol diacrylate	13048-33-4	1-10%
2-Propenoic acid, 1,1'-[oxybis(methyl-2,1-ethanediyl)] ester	2-Propenoic acid, oxybis(methyl-2,1-ethanediyl) ester	57472-68-1	1-5%
Note: The specific chemical identity, and/or concentration (exact or range) of the composition has been withheld as a trade secret.			

4. First aid measures

Description of necessary measures

Inhalation

If inhaled: Remove person to fresh air and keep comfortable for breathing.

Immediately call a POISON CENTER/doctor.

Skin contact

If on skin: Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Immediately call a POISON CENTER/doctor.

Eye contact

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a POISON CENTER/doctor.

Ingestion

If swallowed: Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

Immediately call a POISON CENTER/doctor.

Most important symptoms/effects, acute and delayed

Not available

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

Treat according to the symptoms.

5. Fire-fighting measures

Suitable extinguishing media

Extinguishing media suitable for ordinary combustible materials, such as water spray or foam.

Unsuitable extinguishing media

Water

Specific hazards arising from the chemical

Fire may produce irritating, corrosive and/or toxic gases.

Special protective equipment and precautions for fire-fighters

Move containers from fire area if you can do it without risk. Be careful not to cause environmental pollution by the outflow of fire extinguishing agent or dilution water. Wear proper protective equipment. Extinguish fire from windward as much as possible.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Workers must wear appropriate protection equipment (refer to Section 8) and work from upwind. Isolate the site as a leak area by providing a zone that has an appropriate width to all directions. Prohibit unauthorized entry into the area.

Methods and materials for containment and cleaning up

Stop leak if you can do it without risk. Collect spillage as much as possible.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use.

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

Do not breathe dust/fume/gas/mist/vapors/spray. Wash contaminated areas thoroughly after handling.

Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

8. Exposure controls/personal protection

Occupational exposure limits

OSHA (PELs)	Not available
ACGIH (TLVs)	Not available

Biological limits

ACGIH	Not available

Appropriate engineering controls

It is recommended to properly install local exhaust device, closed system or full ventilation equipment.

Provide showers, hand-wash and face-wash stations in the workplace and display the position clearly.

Personal protective equipment

Respiratory protection	Wear face protection as necessary.
Hand protection	Wear protective gloves as necessary.
Eye/face protection	Wear eye protection as necessary.
Skin protection	Wear protective clothing and safety shoes as necessary.

9. Physical and chemical properties

Physical state	Liquid
Color	Yellow
Odor	Peculiar odor
Odor threshold	Not available
pH	Not applicable
Melting point/freezing point	Not available
Boiling point (or initial boiling point or boiling range)	Not available
Flash point	>100℃ (Closed cup)
Evaporation rate	Not available
Flammability	Not available
Lower and upper explosion limit/flammability limit	Upper: Not available; Lower: Not available
Vapor pressure	Not available
Density and/or relative density	1.0-1.2
Solubility	Insoluble
Partition coefficient n-octanol/water (log value)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	15-25 mPa·s (25℃)
Kinematic viscosity	Not available
Relative vapor density	Not available
Particle characteristics	Not available

10. Stability and reactivity

Reactivity

Not available

Chemical stability

Stable under normal handling conditions.

Possibility of hazardous reactions, including those associated with foreseeable emergencies

May react with incompatible materials.

Conditions to avoid

Avoid flames, sparks, static discharge, heat, and direct sunlight during long-term storage.

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

Thermal decomposition may produce irritating and toxic gases and vapors.

11. Toxicological information

No alternative information is used.

Acute toxicity

Oral

Category 4

Dermal

Not available

Inhalation

Not available

Skin corrosion/irritation

Category 2

Serious eye damage/irritation

Category 1

Respiratory sensitization

Not available

Skin sensitization

Category 1

Germ cell mutagenicity

Not available

Carcinogenicity

Not available

OSHA: Not Listed

IARC: Not Listed

NTP: Not Listed

Reproductive toxicity

Category 2

Specific target organ toxicity (Single Exposure)

Category 3 (Respiratory tract irritation)

Specific target organ toxicity (Repeated Exposure)

Category 2

Aspiration hazard

Not available

12. Ecological information

Ecotoxicity

Hazardous to the aquatic environment – Long-term (chronic) hazard: Category 2

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Other adverse effects

Not available

13. Disposal considerations

Remaining wastes

Dispose of contents/container in accordance with local/regional/national/international regulations.
Entrust an industrial waste processor licensed by the local government, etc. or a local administration that handles the business to dispose.

Contaminated container and packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.
Entrust an industrial waste processor licensed by the local government, etc. or a local administration that handles the business to dispose.

14. Transport information

UN number	3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains 2-propenoic acid, 2-phenoxyethyl ester, 2-propenoic acid, phenylmethyl ester)
Transport hazard class(es)	9
Packing group	III
Marine pollutant (Yes/No)	Yes
Transport in bulk according to IMO instruments	Not applicable

Special precautions

Make sure that there is no leakage of containers during transporting. Prevent containers from overturning, falling and being damaged during loading. Prevent the cargo from collapsing.

15. Regulatory information

Occupational Safety and Health Act

Air contaminants	Not applicable
Highly hazardous chemicals	Not applicable
CERCLA Regulation	Not regulated
EPCRA 302 Regulation	Not regulated
EPCRA 304 Regulation	Not regulated
EPCRA 313 Regulation	Not regulated
California Proposition 65	**WARNING** This product can expose you to chemicals including Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

16. Other information

Notice to reader:

The information provided in this SDS are based on currently available materials, information, and other data, however, we cannot assume any liability for the accuracy of the information contained. All chemical products may have unknown, potentially hazardous characteristics. It is recommended that handling should be done with caution.

The sign "-" included above means no relevant information.