Safety Data Sheet

Product Name: EFS-150 Fluorescent Yellow
SDS No.: 037-U4010368
Date Prepared: 2026/07/14
Date Revised: -

1. Identification

Product identifier	EFS-150 Fluorescent Yellow
Other means of identification	Not available
Product codes	EFS150-FY-BA
Recommended use and restriction on use	
Recommended use	Ink for inkjet printers
Restrictions on use	Use for purposes other than those recommended is prohibited.
Supplier (Manufacturer)	MIMAKI ENGINEERING CO., LTD.
Address	2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN
Telephone	+81-268-64-2413
Emergency phone number	+65 3165 2217 (within Singapore only) +65 3158 1074
Importer/agent/supplier (SINGAPORE)	MIMAKI SINGAPORE PTE. LTD. Address: 31 Kaki Bukit Road 3 Singapore 417818 TechLink #02-03 Telephone: +65-6508-2789

2. Hazards identification

GHS classification

Acute toxicity(Oral)	Category 4
Skin corrosion /irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitisation	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 – Chronic toxicity	Category 2

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

GHS label elements including precautionary statements

Pictograms



Signal word	Danger
Hazard statements	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 statements	
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/vapours/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 should 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 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.

Other hazards which do not result in classification:

Not available

3. Composition/information on ingredients

Substance/Mixture Mixture

Ingredients	Concentration or concentration range	CAS No.
4-(1-Oxo-2-propenyl)-morpholine	15-30%	5117-12-4
2-Phenoxyethyl acrylate	15-30%	48145-04-6
Benzyl acrylate	15-30%	2495-35-4
Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	4-10%	84434-11-7
Hexamethylene diacrylate	1-10%	13048-33-4
Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	1-5%	162881-26-7
2,4-Diethyl-9H-thioxanthen-9-one	1-5%	82799-44-8
Oxybis(methyl-2,1-ethanediyl) diacrylate	1-5%	57472-68-1

4. First-aid measures

Description of necessary first aid 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

Use 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 actions 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 (see 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.

Environmental precautions

Avoid release to the environment.

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/vapours/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 should 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

Control Parameters/Occupational Exposure Limits

Singapore	Not available
ACGIH	Not available
Biological Limits	Not available

Appropriate engineering control measures

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.

Individual protection measures, such as personal protective equipment (PPE)

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

9. Physical and chemical properties

Appearance (physical state, colour etc.)	Yellow liquid
Odour	Peculiar odour
Odour threshold	Not available
pH	Not applicable
Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	>100℃ (Closed cup)
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper/lower explosive limits/flammability limit	Upper: Not available; Lower: Not available
Vapour pressure	Not available
Relative vapour density	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

Kinematic viscosity	Not available
Viscosity	15-25 mPa·s (25℃)
Particle characteristics	Not available

10. Stability and reactivity

Reactivity

Not available

Chemical stability

Stable under normal handling conditions.

Possibility of hazardous reactions

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 vapours.

11. Toxicological information

Acute toxicity

Oral:

Category 4

Dermal:

Not available

Inhalation:

Not available

Skin corrosion/irritation

Category 2

Serious eye damage/irritation

Category 1

Respiratory sensitisation

Not available

Skin sensitisation

Category 1

Germ cell mutagenicity

Not available

Carcinogenicity

Not available

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

Toxicity

Hazardous to the aquatic environment – Chronic toxicity: Category 2

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Other adverse effects

Not available

13. Disposal considerations

Disposal methods:

Waste disposal of chemicals:

Dispose of contents 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.

Waste disposal of contaminated packaging:

Dispose of 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-Phenoxyethyl acrylate, Benzyl acrylate)
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

No main regulation

16. Other information

Abbreviations and acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists

Warranty:

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 in the above means no relevant information.