

## Safety data sheet

Issue date: 05.03.2026

Version 2

Last Revision: 05.03.2026

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
  - **Product name: Multi Purpose Fluorescent Dye**
    - **Part number:** B483206, 483208
    - **Application of the substance / the mixture** Fluorescent dye for fuel system
- **1.3 Details of the supplier of the safety data sheet**
  - **SDS downloadable at:** [www.cpsproducts.be](http://www.cpsproducts.be)
  - **Manufacturer/Supplier:**  
CPS Products Inc. - USA  
1010 E 31st Street  
Hialeah, FL 33013 USA  
Phone: (305) 687-2141  
Email: [cs@cpsproducts.com](mailto:cs@cpsproducts.com)
- **1.4 Emergency telephone number:** European emergency number: 112

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**  
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
- **2.2 Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the GB CLP regulation.
    - **Hazard pictograms**

GHS08
    - **Signal word** Danger
    - **Hazard-determining components of labelling:**  
Distillates (petroleum), hydrotreated light naphthenic
    - **Hazard statements**  
H304 May be fatal if swallowed and enters airways.
    - **Precautionary statements**  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
P405 Store locked up.  
P501 Dispose of contents in accordance with local regulations.
- **2.3 Other hazards**
  - **PBT:** Not applicable
  - **vPvB:** Not applicable

GB

(Contd. on page 2)

## Safety data sheet

Issue date: 05.03.2026

Version 2

Last Revision: 05.03.2026

**Product name: Multi Purpose Fluorescent Dye**

(Contd. of page 1)

**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Chemical components:**

CAS: 64742-53-6	Distillates (petroleum), hydrotreated light naphthenic	50-100%
EINECS: 265-156-6	Asp. Tox. 1, H304	

**Other Ingredients**

Polyol Ester Oil	10-25%
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**Additional information:** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures****4.1 Description of first aid measures**

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water. Immediately remove all contaminated clothing. If skin irritation occurs, get medical attention. Launder contaminated clothing before reuse.

**After eye contact:**

Rinse cautiously with water. Remove contact lenses, if present and easy to do. Get medical attention if eye irritation develops or persists.

**After swallowing:** DO NOT INDUCE VOMITING. Get immediate medical attention.

**Information for doctor:** Treat Symptomatically

**4.2 Most important symptoms and effects, both acute and delayed** See section 11.

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

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2 Special hazards arising from the substance or mixture** See section 10 for additional information.

**5.3 Advice for firefighters****Protective equipment:**

Recommend wearing self-contained breathing apparatus. Water may cause splattering.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Use respiratory protective device against the effects of fumes/dust/aerosol.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

(Contd. on page 3)

## Safety data sheet

Issue date: 05.03.2026

Version 2

Last Revision: 05.03.2026

**Product name: Multi Purpose Fluorescent Dye**

(Contd. of page 2)

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.

- **6.4 Reference to other sections**

- See Section 7 for information on safe handling.

- See Section 8 for information on personal protection equipment.

- See Section 13 for disposal information.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**

- **Information about fire - and explosion protection:** No special measures required.

- **7.2 Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

- See section 10 for incompatible materials.

- **Information about storage in one common storage facility:**

- Store only in the original receptacle.

- **Further information about storage conditions:**

- Keep container tightly sealed.

- Store in cool, dry conditions in well sealed receptacles.

- **7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

- The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.

- The usual precautionary measures for handling chemicals should be followed.

- Do not expose to excessive heat, ignition sources.

- **Respiratory protection:**

- Use suitable respiratory protective device when high concentrations are present.

- **Protection of hands:**



Chemical resistant protective gloves (EN 374)

(Contd. on page 4)

## Safety data sheet

Issue date: 05.03.2026

Version 2

Last Revision: 05.03.2026

**Product name: Multi Purpose Fluorescent Dye**

(Contd. of page 3)

· **Eye protection:**

Safety glasses. If potential for splash or mist exists, wear chemical goggles or faceshield.

**SECTION 9: Physical and chemical properties**· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:**

- **Form:** Liquid
- **Colour:** Dark brown
- **Odour:** Petrol-like
- **Odour threshold:** Not determined

· **pH-value:** Not determined

· **Change in condition**

- **Melting point/freezing point:** Undetermined
- **Initial boiling point and boiling range:** Undetermined

· **Flash point:** >100 °C

· **Flammability:** Not applicable

· **Decomposition temperature:** Not determined

· **Ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product does not present an explosion hazard.

· **Explosion limits:**

- **Lower:** Not determined
- **Upper:** Not determined

· **Vapour pressure:** Not determined

- **Density at 20 °C:** 0.88 g/cm<sup>3</sup>
- **Relative density at 20 °C:** 0.86-0.92
- **Vapour density:** Not determined
- **Evaporation rate:** Not determined

· **Solubility in / Miscibility with**

· **water:** Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined

· **Viscosity:**

- **Dynamic:** Not determined
- **Kinematic at 40 °C:** 9.09 mm<sup>2</sup>/s

· **9.2 Other information** No further relevant information available.

GB

(Contd. on page 5)

## Safety data sheet

Issue date: 05.03.2026

Version 2

Last Revision: 05.03.2026

**Product name: Multi Purpose Fluorescent Dye**

(Contd. of page 4)

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
  - **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Heat, open flames, sparks.
- **10.5 Incompatible materials:** May react with strong oxidizing materials.

## SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
  - **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

- **Primary irritant effect:**
  - **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
  - **Serious eye damage/irritation** mild irritant
- **Respiratory or skin sensitisation**  
Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
  - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
    - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
    - **Carcinogenicity** Based on available data, the classification criteria are not met.
    - **Reproductive toxicity** Based on available data, the classification criteria are not met.
  - **STOT-single exposure** Based on available data, the classification criteria are not met.
  - **STOT-repeated exposure** Based on available data, the classification criteria are not met.
  - **Aspiration hazard**  
May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

- **12.1 Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
  - **Additional ecological information:**
    - **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
  - **PBT:** Not applicable
  - **vPvB:** Not applicable

(Contd. on page 6)

## Safety data sheet

Issue date: 05.03.2026

Version 2

Last Revision: 05.03.2026

**Product name: Multi Purpose Fluorescent Dye**

- **12.6 Other adverse effects** No further relevant information available.

(Contd. of page 5)

**SECTION 13: Disposal considerations**· **13.1 Waste treatment methods**· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**· **14.1 UN-Number**· **ADR, IMDG, IATA**

Not Regulated

· **14.2 UN proper shipping name**· **ADR, IMDG, IATA**

Not Regulated

· **14.3 Transport hazard class(es)**· **ADR, IMDG, IATA**· **Class**

Not Regulated

· **14.4 Packing group**· **ADR, IMDG, IATA**

Not Regulated

· **14.5 Environmental hazards:**· **Marine pollutant:**

No

· **14.6 Special precautions for user**

Not applicable

· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable

· **UN "Model Regulation":**

Not Regulated

**SECTION 15: Regulatory information**· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No UK REACH Annex XVII restrictions

Contains no UK REACH candidate substance

· **Poisons Act**· **Regulated explosives precursors**

None of the ingredients is listed.

· **Regulated poisons**

None of the ingredients is listed.

(Contd. on page 7)

## Safety data sheet

Issue date: 05.03.2026

Version 2

Last Revision: 05.03.2026

**Product name: Multi Purpose Fluorescent Dye**

(Contd. of page 6)

· **Reportable explosives precursors**

None of the ingredients is listed.

· **Reportable poisons**

None of the ingredients is listed.

· **Directive 2012/18/EU**· **Named dangerous substances - ANNEX I** None of the ingredients is listed.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Issue Date:** February 25, 2015
- **Contact:** Engineering Department

· **Abbreviations and acronyms:**

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Asp. Tox. 1: Aspiration hazard – Category 1

- **\* Data compared to the previous version altered.**

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