

Safety data sheet

Issue date: 03.03.2022

Version 2

Last Revision: 03.03.2022

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**

CPS Product Inc. - USA
 1010 East 31st Street
 Hialeah, FL 33013 USA
 Phone: (305) 687 - 4121
 Email: cs@cpsproducts.com

 - **SDS downloadable at:**
 - **Manufacturer/Supplier:**
 CPS Products Inc. - USA
 1010 E 31st Street
 Hialeah, FL 33013 USA
 Phone: (305) 687-2141
 - **email of person responsible:** cs@cpsproducts.com
- **1.4 Emergency telephone number:** CHEMTREC International +1 (703) 527-3887 24 hr

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.
 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.

(Contd. on page 2)

GB

Safety data sheet

Issue date: 03.03.2022

Version 2

Last Revision: 03.03.2022

Product name: Multi Purpose Fluorescent Dye

· vPvB: Not applicable.

(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%
------------------	--------

· **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:**CO₂, 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.

(Contd. on page 3)

Safety data sheet

Issue date: 03.03.2022

Version 2

Last Revision: 03.03.2022

Product name: Multi Purpose Fluorescent Dye

(Contd. of page 2)

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

GB

Safety data sheet

Issue date: 03.03.2022

Version 2

Last Revision: 03.03.2022

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 (solid, gas): Not applicable.

· Decomposition temperature: Not determined.

· Auto-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/cm³
- 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 mm²/s

· 9.2 Other information: No further relevant information available.

GB

(Contd. on page 5)

Safety data sheet

Issue date: 03.03.2022

Version 2

Last Revision: 03.03.2022

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: 03.03.2022

Version 2

Last Revision: 03.03.2022

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 GB REACH Annex XVII restrictions

Contains no GB REACH candidate substance

- **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.

(Contd. on page 7)

Safety data sheet

Issue date: 03.03.2022

Version 2

Last Revision: 03.03.2022

Product name: Multi Purpose Fluorescent Dye

(Contd. of page 6)

- **Issue Date:** February 25, 2015
- **Contact:** Engineering Department
- **Issue Date** 03.03.2022
- **Revision Changes:**
 - v 1.0 - initial SDS release (25/FEB/2015)
 - v 2.0 - revised (08/SEP/2017)
- **Abbreviations and acronyms:**
 - ADR: Accord relatif au transport international des marchandises dangereuses par route (European 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.**

GB