

Safety Data Sheet

Date of issue: 04.03.2026

v 2

Last Revision Date: 04.03.2026

1 Identification

- **Other means of identification**
 - **Trade name: Multi Purpose Fluorescent Dye**
 - **Part number:** B483206, 483208
 - **Application of the substance / the mixture** Fluorescent dye for fuel system
- **Details of the supplier of the safety data sheet**

CPS Products Canada Ltd
1324 Blundell Road
MISSISSAUGA, ONTARIO, L4Y 1M5
CANADA

 - **Manufacturer/Supplier:**

CPS Products Inc. - USA
1010 E 31st Street
Hialeah, FL 33013 USA
Phone: (305) 687-2141
Email: cs@cpsproducts.com
CPS Products Inc. - USA
1010 East 31st Street
Hialeah, FL 33013 USA
Tel: (305) 687 - 4121
 - **email of person responsible:** cs@cpsproducts.com
 - **Emergency telephone number:**
CHEMTREC International +1 (703) 527-3887 (outside the US), 1-800-424-9300 (in the US) 24 hr

2 Hazard(s) identification

- **Classification of the substance or mixture**
Aspiration hazard 1 H304 May be fatal if swallowed and enters airways.
- **Label elements**
 - **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
 - **Hazard pictograms**
 - **Signal word** Danger
 - **Hazard-determining components of labeling:**
Distillates (petroleum), hydrotreated light naphthenic
 - **Hazard statements**
May be fatal if swallowed and enters airways.
 - **Precautionary statements**
Avoid breathing dust/fume/gas/mist/vapors/spray
If swallowed: Immediately call a poison center.
Do NOT induce vomiting.
Store locked up.
Dispose of contents in accordance with local regulations.
- **Other hazards**
 - **PBT:** Not applicable

(Contd. on page 2)

NA

Safety Data Sheet

Date of issue: 04.03.2026

v 2

Last Revision Date: 04.03.2026

Trade name: **Multi Purpose Fluorescent Dye**

· vPvB: Not applicable

(Contd. of page 1)

3 Composition/information on ingredients· **Chemical characterization: Mixtures**· **Chemical components:**

64742-53-6	Distillates (petroleum), hydrotreated light naphthenic	50-100%
------------	--	---------

· **Other Ingredients**

Polyol Ester Oil		10-25%
------------------	--	--------

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.**4 First-aid measures**· **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· **Most important symptoms and effects, both acute and delayed** See section 11.· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures· **Extinguishing media**· **Suitable extinguishing agents:**CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.· **For safety reasons unsuitable extinguishing agents:** Water with full jet· **Special hazards arising from the substance or mixture** See section 10 for additional information.· **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.

6 Accidental release measures· **Personal precautions, protective equipment and emergency procedures**

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

(Contd. on page 3)

NA

Safety Data Sheet

Date of issue: 04.03.2026

v 2

Last Revision Date: 04.03.2026

Trade name: Multi Purpose Fluorescent Dye

(Contd. of page 2)

- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **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 section 13.
- **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.

7 Handling and storage

- **Handling:**
 - **Precautions for safe handling**
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of aerosols.
 - **Information about protection against explosions and fires:** No special measures required.
- **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 receptacle tightly sealed.
 - Store in cool, dry conditions in well sealed receptacles.
 - **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection· **Control parameters**· **Components with limit values that require monitoring at the workplace:****64742-53-6 Distillates (petroleum), hydrotreated light naphthenic (50-100%)**

ACGIH TLV (USA)	STEL: 5 mg/m ³ TWA: 10 mg/m ³
-----------------	--

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

· **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.

· **Breathing equipment:**

- In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

(Contd. on page 4)

NA

Safety Data Sheet

Date of issue: 04.03.2026

v 2

Last Revision Date: 04.03.2026

Trade name: Multi Purpose Fluorescent Dye

(Contd. of page 3)

· **Protection of hands:**

Chemical resistant protective gloves

· **Eye protection:**

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

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

- **Form:** Liquid
- **Color:** Dark brown
- **Odor:** Petrol-like
- **Odor threshold:** Not determined

· **pH-value:** Not determined· **Change in condition**

- **Melting point/Melting range:** Undetermined
- **Boiling point/Boiling range:** Undetermined

· **Flash point:** >100 °C· **Flammability:** Not applicable· **Decomposition temperature:** Not determined· **Ignition temperature:** Product is not selfigniting.· **Danger of explosion:** Product does not present an explosion hazard.· **Explosion limits:**

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

· **Vapor pressure:** Not determined· **Density at 20 °C:** 0.88 g/cm³

- **Relative density at 20 °C** 0.86-0.92
- **Vapor 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

(Contd. on page 5)

NA

Safety Data Sheet

Date of issue: 04.03.2026

v 2

Last Revision Date: 04.03.2026

Trade name: **Multi Purpose Fluorescent Dye**

(Contd. of page 4)

· Viscosity:	
· Dynamic:	Not determined
· Kinematic at 40 °C:	9.09 mm ² /s
· Solvent separation test	
· VOC content:	0.00 %
· Other information	
· Particle characteristics	Not applicable
· Physical state	Liquid

10 Stability and reactivity

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

11 Toxicological information· **Information on toxicological effects**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:**

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

· **Primary irritant effect:**· **on the skin:**

May cause mild skin irritation. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.

· **on the eye:** mild irritant· **Sensitization:** No sensitizing effects known.· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

(Contd. on page 6)

NA

Safety Data Sheet

Date of issue: 04.03.2026

v 2

Last Revision Date: 04.03.2026

Trade name: **Multi Purpose Fluorescent Dye**

(Contd. of page 5)

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
 - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
 - **Bioaccumulative potential** No further relevant information available.
 - **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
 - **General notes:**
 - Water hazard class 2 (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.
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable
 - **vPvB:** Not applicable
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
 - **Recommendation:**
 - Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
 - **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|-------------------------------------|---------------|
| · UN-Number | |
| · DOT, ADR, IMDG, IATA | Not Regulated |
| · TDG | Not Regulated |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | Not Regulated |
| · TDG | Not Regulated |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
| · Class | Not Regulated |
| · TDG | |
| · Class | Not Regulated |

(Contd. on page 7)

-NA-

Safety Data Sheet

Date of issue: 04.03.2026

v 2

Last Revision Date: 04.03.2026

Trade name: **Multi Purpose Fluorescent Dye**

(Contd. of page 6)

· Packing group	
· DOT, IMDG, IATA	Not Regulated
· TDG	Not Regulated
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
· UN "Model Regulation":	Not Regulated

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No REACH Annex XVII restrictions
Contains no REACH candidate substance

· **Sara**· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

64742-53-6	Distillates (petroleum), hydrotreated light naphthenic	ACTIVE
	Polyol Ester Oil	*

· **Proposition 65**· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

(Contd. on page 8)

NA

Safety Data Sheet

Date of issue: 04.03.2026

v 2

Last Revision Date: 04.03.2026

Trade name: Multi Purpose Fluorescent Dye

(Contd. of page 7)

· **Canadian substance listings:**

· Canadian Domestic Substances List (DSL)
All ingredients are listed.
· Canadian Non-Domestic Substances List (NDSL)
None of the ingredients is listed.
· Canadian Ingredient Disclosure list (limit 0.1%)
None of the ingredients is listed.
· Canadian Ingredient Disclosure list (limit 1%)
None of the ingredients is listed.

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.

· **Contact:** Engineering Department· **Issue Date**

04.03.2026

08/SEP/2017

· **Revision Changes:**

v 1.0 - initial SDS release (06/APR/2015)

v 2.0 - revised (08/SEP/2017)

· **Abbreviations and acronyms:**

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

Aspiration hazard 1: Aspiration hazard – Category 1

· *** Data compared to the previous version altered.**

NA