

## Safety Data Sheet

Issue date: 08.09.2017

v 2

Last Revision Date: 08.02.2017

## 1 Identification

- **Product identifier**

- **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**

- **Manufacturer/Supplier:**

- UView Ultraviolet System Inc., division of, CPS Products Canada Ltd.

- 1324 Blundell Road

- Mississauga, ON L4Y 1M5

- Canada

- Tel: (905) 615-8620

- **email of person responsible:** customerservice@uview.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**

Asp. Tox. 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**



GHS08

- **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.

- **Additional information:** For Professional Use Only

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

NA

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

64742-53-6	Distillates (petroleum), hydrotreated light naphthenic	50-<75%
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· **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 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**

No further relevant information available.

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

No further relevant information available.

**5 Fire-fighting measures**· **Extinguishing media**· **Suitable extinguishing agents:**CO<sub>2</sub>, 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**

Personal protective equipment must be worn. Avoid contact with skin, eyes or clothing. Ventilate area if spilled in a confined space or other poorly ventilated area.

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

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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Ensure adequate ventilation.

- **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:**

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 <sup>3</sup> TWA: 10 mg/m <sup>3</sup>
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- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Do not expose to excessive heat, ignition sources.

- **Breathing equipment:**

Use suitable respiratory protective device when high concentrations are present.

- **Protection of hands:**



Chemical resistant protective gloves

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## · 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: Red-brown

· Odor: Mild  
 · Odor threshold: Not determined.

· pH-value: Not applicable.

#### · Change in condition

· Melting point/Melting range: Undetermined.  
 · Boiling point/Boiling range: Undetermined.

· Flash point: > 100°C

· Flammability (solid, gaseous): Not applicable.

#### · Ignition temperature:

· Decomposition temperature: Not determined.

· Auto igniting: 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: Not determined.

· 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.

#### · Viscosity:

· Dynamic: Not determined.  
 · Kinematic at 40°C: <15cSt

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

**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.
- **Hazardous decomposition products:**  
Smoke, carbon monoxide, carbon dioxide and other products of incomplete combustion.

**11 Toxicological information**

- **Information on toxicological effects**
  - **Acute toxicity:**

· <b>LD/LC50 values that are relevant for classification:</b>		
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:**

· <b>IARC (International Agency for Research on Cancer)</b>	
None of the ingredients is listed.	
· <b>NTP (National Toxicology Program)</b>	
None of the ingredients is listed.	
· <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>	
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.

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- **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**

· <b>UN-Number</b>	
· DOT, ADR, IMDG, IATA	Not Regulated
· TDG	Not Regulated
· <b>UN proper shipping name</b>	
· DOT, IMDG, IATA	Not Regulated
· TDG	Not Regulated
· <b>Transport hazard class(es)</b>	
· DOT, IMDG, IATA	
· Class	Not Regulated
· TDG	
· Class	Not Regulated
· <b>Packing group</b>	
· DOT, IMDG, IATA	Not Regulated
· TDG	Not Regulated
· <b>Environmental hazards:</b>	
· Marine pollutant:	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	Not Regulated

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

All ingredients are listed.

· **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 established by ACGIH)**

None of the ingredients is listed.

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

None of the ingredients is listed.

· **Canadian substance listings:**· **Canadian Domestic Substances List (DSL)**

All ingredients are 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.

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**· Revision Changes:**

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

v 2.0 - revised (08/SEP/2017)

**· Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European 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

ACGIH: American Conference of Governmental Industrial Hygienists

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

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety &amp; Health

Asp. Tox. 1: Aspiration hazard – Category 1

NA