

# SAFETY DATA SHEET

Revision date 15-May-2026

Revision Number 6

## 1. Identification

### Product identifier

**Product Name** SPI-OGB, OIL-GLO ULTRA BLUE UV FLUORESCENT DYE

### Other means of identification

**Product Code(s)** SPI-OGB

**UN number or ID number** UN3082

**Synonyms** SPI-OGB-1, SPI-OGB-8, SPI-OGB-16, SPI-OGB-32, SPI-OGB-1G, SPI-OGB-5G, SPI-OGB-55G, SPI-OGB-1P6

### Recommended use of the chemical and restrictions on use

**Recommended use** Leak Detection

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

#### Manufacturer

Spectronics Corporation  
265 Spagnoli Road  
Melville, NY 11747  
USA

**E-mail address** sds@spectroline.com

### Emergency telephone number

**Emergency Telephone** US & Canada: 800-424-9300 (24 HOURS CHEMTREC)  
Outside US & Canada: +1 703-741-5970 (24 HOURS CHEMTREC)

## 2. Hazard(s) identification

### Classification of the substance or mixture

Aspiration hazard

Category 1\*\*\*

### Hazards not otherwise classified (HNOC)

Not applicable.

### Label elements



Danger\*\*\*

Hazard statements

May be fatal if swallowed and enters airways.\*\*\*

**Precautionary Statements - Response**

\*\*\*

Do NOT induce vomiting.

IF SWALLOWED: Immediately call a POISON CENTER or doctor.\*\*\*

**Precautionary Statements - Storage**

Store locked up.\*\*\*

**Precautionary Statements - Disposal**

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.\*\*\*

**Hazards classified under paragraph (d)(1)(ii) of 1910.1200**

No information available.

Other information

Very toxic to aquatic life with long lasting effects.\*\*\*

### 3. Composition/information on ingredients

Substance

Not applicable.\*\*\*

Mixture \*\*\*

Chemical name	CAS No.	Weight-%	Trade secret
Solvent naphtha, petroleum, heavy aromatic***	64742-94-5	25-50	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First-aid measures

Description of first aid measures

**General advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.\*\*\*

**Inhalation**

Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.\*\*\*

**Eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact**

Wash skin with soap and water.

**Ingestion**

ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.\*\*\*

**Self-protection of the first aider**

Ensure that medical personnel are aware of the material(s) involved, take precautions to

protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required.\*\*\*

**Most important symptoms and effects, both acute and delayed**

**Symptoms** Difficulty in breathing. Coughing and/ or wheezing. Dizziness.\*\*\*  
**Effects of Exposure** No information available.

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

**Note to physicians** Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.\*\*\*

**5. Fire-fighting measures**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.  
**Specific hazards arising from the chemical** No information available.  
**Explosion data**  
    **Sensitivity to mechanical impact** None.  
    **Sensitivity to static discharge** None.  
**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation. Use personal protective equipment as required.\*\*\*  
**Other information** Refer to protective measures listed in Sections 7 and 8.\*\*\*

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.  
**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.\*\*\*  
**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**7. Handling and storage**

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.  
**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Store away from other materials.\*\*\*

**8. Exposure controls/personal protection**

Control Parameters

**Exposure Limits** This product, as supplied, contains materials that do not have reportable occupational exposure limits or are not subject to the reporting requirements of the local jurisdiction.

**Biological occupational exposure limits** This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.

Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).\*\*\*

**Hand protection** Wear suitable gloves.\*\*\*

**Skin and body protection** Wear suitable protective clothing.\*\*\*

**Respiratory protection** Use appropriate respiratory protection. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material.\*\*\*

**9. Physical and chemical properties**

Information on basic physical and chemical properties

**Appearance** Liquid  
**Physical state** Liquid  
**Color** amber  
**Odor (includes odor threshold)** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	No data available	None known
<b>Boiling point (or initial boiling point or boiling range)</b>	No data available	None known
<b>Flammability</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Flash point</b>	128.5 °C*** /*** 263.3 °F***	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>SADT (°C)</b>	No data available	None known
<b>pH</b>	No data available	None known
<b>pH (as aqueous solution)</b>	No data available	None known
<b>Kinematic viscosity</b>	12.5 mm <sup>2</sup> /s	@ 40 °C
<b>Dynamic viscosity</b>	No data available	None known
<b>Solubility</b>	No data available	None known

Water solubility	Insoluble in water	None known
Partition coefficient n-octanol/water (log value)	No data available	None known
Vapor pressure (includes evaporation rate)	No data available	None known
Evaporation rate	No data available	None known
Density and/or relative density	1.01	None known
Bulk density	No data available	
Liquid Density	No data available	
Relative vapor density	No data available	None known
Particle characteristics		No information available
Particle Size	No data available	
Particle Size Distribution	No data available	

Other information

## 10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

## 11. Toxicological information

Information on likely routes of exposure

Inhalation	Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.***
Eye contact	Specific test data for the substance or mixture is not available. May cause irritation.***
Skin contact	Repeated exposure may cause skin dryness or cracking.***
Ingestion	Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways.***

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Difficulty in breathing. Coughing and/ or wheezing. Dizziness.***
Acute toxicity	No information available.

Numerical measures of toxicity \*\*\*

The following ATE values have been calculated for the mixture \*\*\*

ATEmix (oral)	5,034.30*** mg/kg***
ATEmix (dermal)	5,983.90*** mg/kg***
ATEmix (inhalation-gas)	99,999.00*** ppm***
ATEmix (inhalation-vapor)	99,999.00*** mg/L***

ATEmix (inhalation-dust/mist) 99,999.00\*\*\* mg/L\*\*\*

**Component Information** \*\*\*

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Solvent naphtha, petroleum, heavy aromatic*** CAS: 64742-94-5 ID: RM316326 25-50 %	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 590 mg/m <sup>3</sup> ( Rat ) 4 h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.***
<b>Other adverse effects</b>	No information available.
<b>Interactive effects</b>	No information available.

**12. Ecological information**

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.\*\*\*

**Aquatic ecotoxicity** \*\*\*

**Component Information** \*\*\*

Chemical name	Fish	Crustacea	Algae/aquatic plants	Toxicity to microorganisms
Solvent naphtha, petroleum, heavy aromatic*** CAS: 64742-94-5 ID: RM316326 25-50 %	LC50: =19mg/L (96h, Pimephales promelas) LC50: =2.34mg/L (96h, Oncorhynchus mykiss) LC50: =1740mg/L (96h, Lepomis macrochirus) LC50: =45mg/L (96h, Pimephales promelas) LC50: =41mg/L (96h, Pimephales promelas)	EC50: =0.95mg/L (48h, Daphnia magna)	-	-

**Terrestrial ecotoxicity** \*\*\*

**Component Information** \*\*\*

Chemical name	Earthworm	Avian	Honeybees
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Chemical name	Earthworm	Avian	Honeybees
Solvent naphtha, petroleum, heavy aromatic*** CAS: 64742-94-5 ID: RM316326 25-50 %	-	Dietary Toxicity: LC50 > 6500 ppm (Colinus virginianus, 5 Days) Acute Oral Toxicity: LD50 > 2250 mg/kg (Colinus virginianus)	-

**Persistence and degradability** No information available.

**Bioaccumulative potential** \*\*\*

Chemical name	Partition coefficient	Bioconcentration factor (BCF)	Trophic magnification factor (TMF)
Solvent naphtha, petroleum, heavy aromatic*** CAS: 64742-94-5 ID: RM316326 25-50 %	6.5	159	-

**Mobility in soil** No information available.

**Other adverse effects** No information available.

### 13. Disposal considerations

**Disposal methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

### 14. Transport information

**DOT**

**UN number or ID number** UN3082  
**Proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III  
**Special Provisions** 8, 146, 173, 335, 441, IB3, T4, TP1, TP29  
**DOT Marine Pollutant** I  
**Marine pollutant** Solvent naphtha, petroleum, heavy aromatic  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (Solvent naphtha, petroleum, heavy aromatic), 9, III, Marine pollutant

**TDG**

**UN number or ID number** UN3082  
**UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III  
**Special Provisions** 16, 99  
**Marine pollutant name** Solvent naphtha, petroleum, heavy aromatic.  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (Solvent naphtha, petroleum,

heavy aromatic), 9, III

**MEX**

**UN number or ID number** UN3082  
**UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III  
**Technical Name** Solvent naphtha, petroleum, heavy aromatic  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (Solvent naphtha, petroleum, heavy aromatic), 9, III  
**Special Provisions** 274, 331, 335

**ICAO (air)**

**UN number or ID number** UN3082  
**UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (Solvent naphtha, petroleum, heavy aromatic), 9, III  
**Special Provisions** A97, A158, A197, A215

**IATA**

**UN number or ID number** UN3082  
**UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Technical Name** Solvent naphtha, petroleum, heavy aromatic  
**Transport hazard class(es)** 9  
**Packing group** III  
**Environmental hazards** Yes  
**Special Provisions** A97, A158, A197  
**ERG Code** 9L  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (Solvent naphtha, petroleum, heavy aromatic), 9, III

**IMDG**

**UN number or ID number** Not regulated  
**UN number or ID number** UN3082  
**UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III  
**Special Provisions** 274, 335, 969 F-A S-F  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (Solvent naphtha, petroleum, heavy aromatic), 9, III, Marine pollutant

**15. Regulatory information**

**International Inventories**

**TSCA** Complies.  
**DSL/NDSL** Complies.  
**EINECS/ELINCS** Complies.  
**ENCS** Complies.  
**IECSC** Complies.  
**KECL** Complies.  
**PICCS** Complies.  
**AIIC** Complies.  
**NZIoC** Complies.

**Legend:**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing Chemicals Inventory

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. Other information**

<b><u>NFPA</u></b>	<b>Health hazards</b> 2	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Special hazards</b> -
<b><u>HMIS</u></b>	<b>Health hazards</b> 2	<b>Flammability</b> 1	<b>Physical hazards</b> 0	<b>Personal protection</b> X

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Legend Section 8: Exposure controls/personal protection**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation

**Key literature references and sources for data used to compile the SDS**

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
U.S. Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)

Japan National Institute of Technology and Evaluation (NITE)  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications  
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program  
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set  
United Nations World Health Organization (WHO)

**Revision date** 15-May-2026  
**Revision Note** No information available.

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**