

# Identification

## Product identifier

**Other means of identification Product code**

## Recommended use Recommended restrictions

SAFETY DATA SHEET

## PHOTOVOLT WATER STANDARD, 0.10 mg/g

2712801

professional, scientific and technical activities: other professional, scientific and technical activities None known.

**Manufacturer/Importer/Supplier/Distributor information Manufacturer**

|  |  |  |
| --- | --- | --- |
| **Company name** | Photovolt Instruments LLC |  |
| **Address** | 7600 W. 27th St., Unit A3 |
|  | St. Louis Park, MN 55426 |
|  | United States |
| **Telephone** | Phone | 952-848-2000 |
|  | Toll Free | 800-222-5711 |
|  | Fax | 952-926-5498 |
| **Website** | www.photovolt.com |  |
| **E-mail** | sales@photovolt.com |  |
| **Emergency phone number** | Emergency Assistance | 3E Company, Acct 7612 760-602-8703 |

# Hazard(s) identification

## Physical hazards Health hazards

**Environmental hazards**

## OSHA defined hazards Label elements

Flammable liquids Acute toxicity, dermal Skin corrosion/irritation

Serious eye damage/eye irritation Carcinogenicity

Reproductive toxicity

Specific target organ toxicity, repeated exposure

Aspiration hazard

Hazardous to the aquatic environment, acute hazard

Hazardous to the aquatic environment, long-term hazard

Not classified.

Category 2

Category 4

Category 2 Category 2A Category 2

Category 2

Category 1

Category 1

Category 2

Category 2

**Signal word** Danger

**Hazard statement** Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

## Precautionary statement

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling.

Do not eat, drink or smoke when using this product. Avoid release to the environment. Use spark-proof tools and explosion-proof equipment. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.

**Storage** Store in a well-ventilated place. Keep cool.

**Disposal** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

## Hazard(s) not otherwise classified (HNOC)

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

**Supplemental information** None.

# Composition/information on ingredients

## Mixtures

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical name** | **Common name and synonyms** | **CAS number** | **%** |
| XYLENES |  | 1330-20-7 | 81.99 |
| ETHYLBENZENE |  | 100-41-4 | 18 |
| WATER |  | 7732-18-5 | 0.01 |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**Composition comments**

# First-aid measures

## Inhalation Skin contact

**Eye contact Ingestion**

## Most important symptoms/effects, acute and delayed

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

**General information**

# Fire-fighting measures

## Suitable extinguishing media

**Unsuitable extinguishing media**

## Specific hazards arising from the chemical

**Special protective equipment and precautions for firefighters**

Product is a mixture of o-, m-, p- isomers of xylene and ethyl benzene

Move to fresh air. Call a physician if symptoms develop or persist.

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

Take off all contaminated clothing immediately. IF exposed or concerned: Get medica advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Foam, carbon dioxide or dry powder.

Do not use water jet as an extinguisher, as this will spread the fire.

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## Fire fighting equipment/instructions

**Specific methods General fire hazards**

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Use standard firefighting procedures and consider the hazards of other involved materials. Highly flammable liquid and vapor.

# Accidental release measures

## Personal precautions, protective equipment and emergency procedures

**Methods and materials for containment and cleaning up**

**Environmental precautions**

# Handling and storage

## Precautions for safe handling

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Stop leak if you can do so without risk. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Prevent entry into waterways, sewers, basements or confined areas.

Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Clean contaminated surface thoroughly. The product is immiscible with water and will spread on the water surface. Should not be released into the environment. Prevent product from entering drains. Clean up in accordance with all applicable regulations.

Large Spills: Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. After removal flush contaminated area thoroughly with water. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor.

Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

## Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

# Exposure controls/personal protection

## Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit At this time, the other constituents have no known exposure limits.

## US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Components** | | **Type** | **Value** | | |
| ETHYLBENZENE (CAS 100-41-4) | | PEL | 435 mg/m3 | | |
|  | |  | 100 ppm | | |
| XYLENES (CAS 1330-20-7) | | PEL | 435 mg/m3 | | |
|  | |  | 100 ppm | | |
| **US. ACGIH Threshold Limit Values** | |  |  | | |
| **Components** | | **Type** | **Value** | | |
| ETHYLBENZENE (CAS 100-41-4) | | TWA | 20 ppm | | |
| XYLENES (CAS 1330-20-7) | | STEL | 150 ppm | | |
|  | | TWA | 100 ppm | | |
| **US. NIOSH: Pocket Guide to Chemical Hazards** | | | | | |
| **Components** | | **Type** | **Value** | | |
| ETHYLBENZENE (CAS 100-41-4) | | STEL | 545 mg/m3 | | |
|  | |  | 125 ppm | | |
|  | | TWA | 435 mg/m3 | | |
|  | |  | 100 ppm | | |
| **Biological limit values** | |  |  | | |
| **US. ACGIH. BEIs. Biological Exposure Indices** | | | | | |
| **Components** | **Value** | **Determinant** | | **Specimen** | **Sampling Time** |
| ETHYLBENZENE (CAS 100-41-4) | 0.15 g/g | Sum of mandelic acid and phenylglyoxylic acid | | Creatinine in urine | \* |
| XYLENES (CAS 1330-20-7) | 1.5 g/g | Methylhippuric acids | | Creatinine in urine | \* |

\* - For sampling details, please see the source document.

## Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended. An eye wash and safety shower must be available in the immediate work area.

## Individual protection measures, such as personal protective equipment

**Eye/face protection**

## Skin protection Hand protection

**Other**

## Respiratory protection

**Thermal hazards**

## General hygiene considerations

Wear safety glasses with side shields (or goggles). Eye wash fountains are required.

Wear appropriate chemical resistant gloves.

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Chemical respirator with organic vapor cartridge.

Wear appropriate thermal protective clothing, when necessary.

Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

# Physical and chemical properties

**Appearance** Clear.

## Physical state Form

**Color Odor**

Liquid.

Liquid.

Colorless.

Aromatic.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** -138.82 °F (-94.9 °C) estimated

## Initial boiling point and boiling range

279 - 284 °F (137 - 140 °C)

**Flash point** 63 - 79 °F (17 - 26 °C)

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not applicable.

## Upper/lower flammability or explosive limits

**Flammability limit - lower (%)**

## Flammability limit - upper (%)

**Explosive limit - lower (%)**

## Explosive limit - upper (%)

1 % estimated

6.8 % estimated Not available. Not available.

**Vapor pressure** 10.65 hPa estimated

**Vapor density** Not available.

**Relative density** Not available.

## Solubility(ies)

**Solubility (water)** Immiscible.

## Partition coefficient (n-octanol/water)

3.12 - 3.2

**Auto-ignition temperature** 857 °F (458 °C) estimated

**Decomposition temperature** Not available.

**Viscosity** Not available.

## Other information

**Density** 0.864 g/cm3 estimated

**Explosive properties** Not explosive.

**Flammability class** Flammable IB estimated

**Flash point class** Flammable IB

**Oxidizing properties** Not oxidizing.

**Percent volatile** 100 % estimated

**Specific gravity** 0.864 estimated

**VOC** 99.99 % estimated

# Stability and reactivity

## Reactivity Chemical stability

**Possibility of hazardous reactions**

## Conditions to avoid

**Incompatible materials**

## Hazardous decomposition products

The product is stable and non-reactive under normal conditions of use, storage and transport Stable at normal conditions.

Hazardous polymerization does not occur.

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Strong acids. Strong oxidizing agents. Halogens.

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

# Toxicological information

## Information on likely routes of exposure

**Inhalation** May cause damage to organs through prolonged or repeated exposure by inhalation

**Skin contact** Harmful in contact with skin. Causes skin irritation.

**Eye contact** Causes serious eye irritation.

**Ingestion** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

## Symptoms related to the physical, chemical and toxicological characteristics

Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

## Information on toxicological effects

**Acute toxicity** May be fatal if swallowed and enters airways. Harmful in contact with skin.

## Product Species

PHOTOVOLT WATER STANDARD, 0.10 mg/g

**Acute**

**Test Results**

|  |  |  |
| --- | --- | --- |
| **Inhalation** |  | |
| LC50 | Mouse | 3907 mg/l |
|  | Rat | 6351 mg/l |
| LCL0 | Rat | 8001 mg/l |
| **Oral**  LD50 | Mouse | 3609 mg/kg |
| **Components** | **Species** | **Test Results** |
| ETHYLBENZENE (CAS 100-41-4) |  |  |
| **Acute** |  |  |
| **Oral**  LD50 | Rat | 3500 mg/kg |
| XYLENES (CAS 1330-20-7) |  |  |
| **Acute** |  |  |
| **Inhalation**  LC50 | Mouse | 3907 mg/l, 6 h |
|  | Rat | 6350 mg/l, 4 h |
| LCL0 | Rat | 8000 mg/l, 4 h |
| **Oral**  LD50 | Mouse | 5627 mg/kg |
|  |  | 1590 mg/kg |
|  | Rat | 3523 - 8600 mg/kg |
|  |  | 6670 mg/kg |
|  |  | 4300 mg/kg |
|  |  | 3523 - 8600 mg/kg |

\* Estimates for product may be based on additional component data not shown.

## Skin corrosion/irritation

**Serious eye damage/eye irritation**

Causes skin irritation. Causes serious eye irritation.

## Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

## Skin sensitization Germ cell mutagenicity

This product is not expected to cause skin sensitization.

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Possible cancer hazard based on tests with laboratory animals. Suspected of causing cancer

## IARC Monographs. Overall Evaluation of Carcinogenicity

ETHYLBENZENE (CAS 100-41-4) 2B Possibly carcinogenic to humans.

XYLENES (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.

## US OSHA Hazard Categories (1)

Not regulated.

## US OSHA Hazard Categories (10)

Not regulated.

## US OSHA Hazard Categories (2)

Not regulated.

## US OSHA Hazard Categories (3)

Not regulated.

## US OSHA Hazard Categories (4)

Not regulated.

## US OSHA Hazard Categories (5)

Not regulated.

## US OSHA Hazard Categories (6)

Not regulated.

## US OSHA Hazard Categories (7)

Not regulated.

## US OSHA Hazard Categories (8)

Not regulated.

## US OSHA Hazard Categories (9)

Not regulated.

## US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

## Reproductive toxicity

**Specific target organ toxicity**

## single exposure

**Specific target organ toxicity**

## repeated exposure

Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging fertility or the unborn child.

Not classified.

Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Chronic effects** Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

# Ecological information

## Ecotoxicity

**Product**

Toxic to aquatic life with long lasting effects.

## Species

**Test Results**

PHOTOVOLT WATER STANDARD, 0.10 mg/g

## Aquatic

Crustacea Fish

## Components

EC50 LC50

Daphnia Fish **Species**

22.2917 mg/l, 48 hours estimated

49.2277 mg/l, 96 hours estimated

## Test Results

ETHYLBENZENE (CAS 100-41-4)

## Aquatic

Crustacea Fish

XYLENES (CAS 1330-20-7)

## Aquatic

Fish

EC50 LC50

LC50

Water flea (Daphnia magna)

Fathead minnow (Pimephales promelas)

Bluegill (Lepomis macrochirus)

1.37 - 4.4 mg/l, 48 hours

7.5 - 11 mg/l, 96 hours

7.711 - 9.591 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.

## Persistence and degradability Bioaccumulative potential

**Partition coefficient n-octanol / water (log Kow)**

PHOTOVOLT WATER STANDARD, 0.10 mg/g 3.12 - 3.2 ETHYLBENZENE 3.15

XYLENES 3.12 - 3.2

**Mobility in soil** No data available.

**Other adverse effects** The product contains volatile organic compounds which have a photochemical ozone creation potential.

# Disposal considerations

## Disposal instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

## Local disposal regulations Hazardous waste code

**Waste from residues / unused products**

**Contaminated packaging**

# Transport information

## DOT

**UN number**

## UN proper shipping name Transport hazard class(es)

**Class Subsidiary risk Label(s)**

## Packing group

**Special precautions for user**

## Special provisions Packaging exceptions Packaging non bulk Packaging bulk

**IATA**

## UN number

**UN proper shipping name Transport hazard class(es)**

## Class Subsidiary risk

**Packing group Environmental hazards ERG Code**

## Special precautions for user

**Other information Passenger and cargo aircraft**

## Cargo aircraft only

Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

UN1307

Xylenes

3

- 3

II

Read safety instructions, SDS and emergency procedures before handling.

IB2, T4, TP1 150

202

242

UN1307

Xylenes

3

- II

No.

3L

Read safety instructions, SDS and emergency procedures before handling.

Allowed with restrictions.

Allowed with restrictions.

## IMDG

**UN number**

## UN proper shipping name Transport hazard class(es)

**Class Subsidiary risk**

## Packing group Environmental hazards

**Marine pollutant EmS**

## Special precautions for user

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

UN1307 XYLENES

3

- II

No.

F-E, S-D

Read safety instructions, SDS and emergency procedures before handling. Not established.

## DOT

**IATA; IMDG**



# Regulatory information

## US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

## TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

## CERCLA Hazardous Substance List (40 CFR 302.4)

ETHYLBENZENE (CAS 100-41-4) Listed.

XYLENES (CAS 1330-20-7) Listed.

## SARA 304 Emergency release notification

Not regulated.

## US OSHA Hazard Categories (1)

Not regulated.

## US OSHA Hazard Categories (2)

Not regulated.

## US OSHA Hazard Categories (3)

Not regulated.

## US OSHA Hazard Categories (4)

Not regulated.

## US OSHA Hazard Categories (5)

Not regulated.

## US OSHA Hazard Categories (6)

Not regulated.

## US OSHA Hazard Categories (7)

Not regulated.

## US OSHA Hazard Categories (8)

Not regulated.

## US OSHA Hazard Categories (9)

Not regulated.

## US OSHA Hazard Categories (10)

Not regulated.

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**

Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No

## SARA 302 Extremely hazardous substance

Not listed.

## SARA 311/312

**Hazardous chemical**

Yes

## SARA 313 (TRI reporting)

|  |  |  |
| --- | --- | --- |
| **Chemical name** | **CAS number** | **% by wt.** |
| ETHYLBENZENE | 100-41-4 | 18 |
| XYLENES | 1330-20-7 | 81.99 |
| **Other federal regulations** |  |  |

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

ETHYLBENZENE (CAS 100-41-4)

XYLENES (CAS 1330-20-7)

## Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

## Safe Drinking Water Act (SDWA)

**US state regulations**

Not regulated.

WARNING: This product contains a chemical known to the State of California to cause cancer.

## US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

ETHYLBENZENE (CAS 100-41-4) Listed: June 11, 2004

## US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

ETHYLBENZENE (CAS 100-41-4)

XYLENES (CAS 1330-20-7)

## International Inventories

**Country(s) or region** **Inventory name** **On inventory (yes/no)\***

Australia Australian Inventory of Chemical Substances (AICS)

Canada Domestic Substances List (DSL)

Canada Non-Domestic Substances List (NDSL)

China Inventory of Existing Chemical Substances in China (IECSC)

Europe European Inventory of Existing Commercial Chemical Substances (EINECS)

Europe European List of Notified Chemical Substances (ELINCS)

Japan Inventory of Existing and New Chemical Substances (ENCS)

Korea Existing Chemicals List (ECL)

New Zealand New Zealand Inventory

Philippines Philippine Inventory of Chemicals and Chemical Substances (PICCS)

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Yes Yes No Yes Yes

No Yes Yes Yes Yes

Yes

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

# Other information, including date of preparation or last revision

## Issue date Revision date

May-24-2015

January-17-2017

## Version # 02

**Disclaimer**

## Revision information

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. Photovolt Instruments LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user’s responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

This document has undergone significant changes and should be reviewed in its entirety