

## Material Safety Data Sheet

### EasyIndex

## Section 1. Identification of the chemical product and of the company

### 1.1 Product identifier

- Trade name: EasyIndex (Optical Clearing Solution)
- Catalogue Number: EI-Z1001(500ml), EI-Z1011(100ml)

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture : Laboratory chemicals.

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

Manufacturer/Supplier:

LifeCanvas Technologies.

302-301, Jamwon-ro 88, Seocho-gu, Seoul Korea

Technical services, customer support: [support@lifecanvastech.com](mailto:support@lifecanvastech.com)

**1.4 Emergency telephone number:** +82-10-2498-7980 Use only in the event of a CHEMICAL EMERGENCY involving a SPILL, LEAK, FIRE, EXPLOSION or ACCIDENT.

## Section2. Hazard(s) identification

- **Classification of the substance or mixture**

*The product is not classified according to the Globally Harmonized System (GHS).*

- **Label elements**

- **GHS label elements** Void

- **Hazard pictograms** Void

- **Signal word** Void

- **Hazard statements** Void

- **Additional information:** *Contact with acids may cause release of toxic gases*

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** *Not applicable.*

- **vPvB:** *Not applicable.*

## Section3. Composition/information on ingredients

**Chemical characterization: Mixtures**

- **Description:** *Mixture of the substances listed below with non-hazardous additions.*

- **Listing of dangerous and non-hazardous components:** *None*

## Section4. First-aid measures

- **Description of first aid measures**

- **General information** *No special measures required.*

- **After inhalation** *Supply fresh air; consult doctor in case of complaints.*

- **After skin contact** *Generally the product does not irritate the skin.*

- **After eye contact** *Rinse opened eye for several minutes under running water.*

- **After swallowing** *Induce vomiting and call for medical help.*

- **Information for doctor**

- **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.*

## Section5. 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.*

- **Special hazards arising from the substance or mixture** *No further relevant information available.*

- **Advice for firefighters**

- **Protective equipment:** *No special measures required.*

## Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Wear protective clothing.

· **Environmental precautions:**

Dilute with plenty of water.

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).

· **Reference to other sections**

No dangerous substances are released.

## Section 7. Handling and storages

### Handling

· **Precautions for safe handling** Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable

· **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:** Room temperature, Keep container tightly closed.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** None.

**Specific end use(s)** No further relevant information available

## Section 8. Exposure controls/Personal protection

**Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**

· **Components 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 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.

· **Breathing equipment:** Not required.

· **Protection of hands:** Protective gloves

· **Material of gloves** Synthetic gloves

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Safety glasses

## Section9. Physical and chemical properties

### **Information on basic physical and chemical properties**

#### **· General Information**

#### **· Appearance:**

**Form:** Liquid

**Color:** Light yellow

**· Odor:** Odorless

**· Odour threshold:** Not determined.

**· pH-value at 20 °C:** Not available

#### **· Change in condition**

**Melting point/Melting range:** undetermined

**Boiling point/Boiling range:** undetermined

**· Flash point:** Not applicable

**· Flammability (solid, gaseous)** Not applicable.

**· Ignition temperature:**

**Decomposition temperature:** Not determined.

**· Auto igniting:** Product is not self-igniting.

**· Danger of explosion:** Product does not present an explosion hazard.

**· Explosion limits:**

**Lower:** Not determined.

**Upper:** Not determined.

**· Water:** Fully miscible

**· Partition coefficient (n-octanol/water):** Not determined.

**· Viscosity:**

**dynamic:** Not determined.

**kinematic:** Not determined.

**· Solvent content:**

**Organic solvents:** 0.0 %

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

## Section10. Stability and reactivity

### **Reactivity**

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

**· Incompatible materials:** No further relevant information available.

**· Hazardous decomposition products:** No dangerous decomposition products known

## Section11. Toxicological information

### *SENSITIZATION Sensitization*

*Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.*

### *SIGNS AND SYMPTOMS OF EXPOSURE*

*To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.*

### *ROUTE OF EXPOSURE*

*Skin Contact: May cause skin irritation.*

*Skin Absorption: May be harmful if absorbed through the skin.*

*Eye Contact: May cause eye irritation.*

*Inhalation: May be harmful if inhaled.*

*Material may be irritating to mucous membranes and upper respiratory tract.*

*Ingestion: May be harmful if swallowed.*

## Section12. Ecological information

***Eco-toxicity: Not available.***

***BOD5 and COD: Not available.***

***Special Remarks on the Products of Biodegradation: Not available.***

## Section13. Disposal considerations.

### ***Waste treatment methods***

#### ***· Recommendation***

*Hand over to hazardous waste disposers.*

*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.*

***· Recommended cleansing agent:*** *Water, if necessary with cleansing agents.*

## Section14. Transport information

- **UN-Number**
- **DOT, ADR, ADN, IMDG, IATA** Void
- **UN proper shipping name**
- **DOT, ADR, ADN, IMDG, IATA** Void
- **Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class** Void
- **Packing group**
- **DOT, ADR, IMDG, IATA** Void
- **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.
- **Transport/Additional information:** Not dangerous according to the above specifications.
- **UN "Model Regulation":** -

## Section15. Regulatory information

### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **SARA (Superfund Amendments and Reauthorization Act of 1986 - USA)**
- **Section 302/304 (40CFR355.30 / 40CFR355.40):**  
None of the ingredients is listed.
- **Section 313 (40CFR372.65):**  
None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):**  
All ingredients are 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.
- **MAK (German Maximum Workplace Concentration)**  
None of the ingredients is listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**  
None of the ingredients is listed.
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

## Section16. Other information.

*References: Not available.*

*Other Special Considerations: Not available.*

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