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

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.
Section 2. 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.

Section 3. 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

Section 4. 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.

Section 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.
- 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 breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - **Eye protection:** Safety glasses
Section 9. 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.

Section 10. 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
Section 11. 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.

Section 12. Ecological information

Eco-toxicity: Not available.

BOD5 and COD: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Section 13. 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.
Section 14. 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 MARPOL 73/78 and the IBC Code Not applicable.
- Transport/Additional information: Not dangerous according to the above specifications.
- UN "Model Regulation": -

Section 15. 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.

Created: 12/07/2015 13:29 PM

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