Material Safety Data Sheet

SmartLabel Sample ON Buffer

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

1.1 Product identifier

- Trade name: SmartLabel Sample ON Buffer
- Catalogue Number: TBD

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

Application of the substance / the mixture : Laboratory chemicals.

Restrictions on Use: None identified.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

LifeCanvas Technologies.

1035 Cambridge Street, Suite 6, Cambridge MA, 02141

Technical services, customer support: support@lifecanvastech.com

1.4 Emergency telephone number: 617-945-9793. Use only in the event of a CHEMICAL EMERGENCY involving a SPILL, LEAK, FIRE, EXPLOSION or ACCIDENT.

Section 2. Hazard(s) identification

Information in accordance with U.S. 29 CFR 1910.1200 (Hazcom 2012) and Canada Hazardous Products Regulations (WHMIS 2015):

Classification of the substance or mixture

- Acute toxicity, category 4 Harmful if swallowed.
- Eye irritation, category 2A Causes serious eye irritation.

Label elements:

Hazard pictogram(s):



Signal word:

Warning

Hazard Statements:

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Precautionary Statements:

P280 Wear protective clothing / eye protection.

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS) – Annex III. Regulations in individual countries/regions may determine which statements are required on the product label. See product label for specifics.

Hazards not otherwise classified:

Physical hazards not otherwise classified: No Additional Information

Health hazards not otherwise classified: No Additional Information

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:

9002-93-1	Triton X-100
	Non-hazardous components

Section 4. First-aid measures

Description of first aid measures

General information If irritation or other symptoms occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.

After inhalation If affected, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical advice if you feel unwell.

After skin contact Remove contaminated clothing and shoes. Wash the affected area with plenty of soap and water until no evidence of the chemical remains (at least 15-20 minutes). Launder clothing before reuse. If skin irritation occurs: Get medical attention.

After eye contact Rinse opened eye for several minutes under running water. If eye irritation persists: Get medical advice/attention.

After swallowing Get medical attention immediately.

Information for doctor Wear proper personal protective clothing and equipment.

Most important symptoms and effects, both acute and delayed Harmful if swallowed. Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed Treat symptomatically.

Section 5. Fire-fighting measures

Extinguishing media:

Suitable extinguishing agents: Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture:

Hazardous combustion products: If this product is involved in a fire, the following can be released: Carbon monoxide and carbon dioxide.

Special protective equipment and precautions for fire-fighters: Wear self-contained respirator. Wear fully protective impervious suit.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Environmental precautions: Do not allow material to be released to the environment without proper governmental permits.
Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. Dispose of contaminated material as waste according to Section 13.
Prevention of secondary hazards: No special measures needed.
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.

Section 7. Handling and storages

Handling

Precautions for safe handling: Keep container tightly sealed. Ensure good ventilation at the workplace.
Conditions for safe storage, including any incompatibilities: Store cool and dry, under well-ventilated conditions at 4°C. Do not store together with acids. Store away from strong bases. Store away from oxidizing agents. Keep container tightly sealed.

Section 8. Exposure controls/Personal protection

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.

Exposure controls:

Individual protection measures, such as personal protective equipment (PPE):

Eye/face protection: Safety glasses.
Skin and body protection: Wear impervious gloves. Check protective gloves prior to each use for their proper condition. The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer.
Respiratory protection: Do not inhale fumes. Work in well ventilated environment.
Further information: Eyewash fountains and safety showers are recommended in the work area.

General protective measures: The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties
Form: Liquid
Appearance: Colorless to light yellow
Odor: Mild
Odor threshold: Not available
Solubility in water: Miscible
Evaporation rate: Not available
Vapor pressure: Not available
Vapor density: Not available
Viscosity: Not available
Melting point/Freezing point: Not available
Oxidizing properties: Not oxidizing

Explosive properties: Not explosive
Decomposition temperature: Not available
Partition coefficient (n-octanol/water): Not available
% Volatile by weight: Not available
VOC: Not available
Boiling point °C: Not available
Boiling point °F: Not available
Flash point: Not available
Auto-ignition temperature: Not available
Flammability (solid, gas): Not applicable (liquid)
Flammability or explosive limits: LFL/LEL Not available, **UFL/UEL** Not available

Section 10. Stability and reactivity

Reactivity: No information known.
Chemical stability: This product is stable under recommended storage conditions.
Possibility of hazardous reactions: Water reacts violently with alkali metals. Reacts with strong oxidizing agents.
Conditions to avoid: No further relevant information available.
Incompatible materials: Acids, oxidizing agents, bases.
Hazardous decomposition products: Carbon monoxide and carbon dioxide.

Section 11. Toxicological information

Information on likely routes of exposure:

General: Caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.
Eyes: Causes serious eye irritation.
Skin: May cause skin irritation.
Inhalation: Inhalation of fumes may cause irritation.
Ingestion: Harmful if swallowed.
Symptoms/effects, acute and delayed: Irritation.

Acute toxicity information: Harmful if swallowed. The Registry of Toxic Effects of Chemical Substances RTECS) contains acute toxicity data for components in this product.
Skin corrosion/irritation: May cause skin irritation.
Serious eye damage/irritation: Causes serious eye irritation (Category 2A).
Respiratory or skin sensitization: No sensitizing effects know.
Carcinogenicity: Not classified.
Reproductive toxicity: Not classified.
Specific target organ toxicity (STOT) – single exposure: No effects known.
Specific target organ toxicity (STOT) – repeated exposure: No effects known.
Aspiration hazard: No effects known.
Other toxicity information: No additional information available.

Section 12. Ecological information

Ecotoxicity: No ecological testing has been conducted on this product.

Persistance and degradability: No specific information available.
Bioaccumulative potential: No specific information available.
Mobility in soil: No specific information available.
General notes: Do not allow material to be released to the environment without proper governmental permits.
Other adverse effects: No additional information available.

Section 13. Disposal considerations

Recommendation: Consult state, local or national regulations to ensure proper disposal. Disposal must be made according to official regulations.
Recommended cleaning product: Water, if necessary with cleaning agents.

Section14. Transport information

The information below is provided to assist in documentation. It may supplement the information on the package. The packing in your possession may carry a different version of the label depending on the date of manufacture. Depending on inner packaging quantities and packaging instructions, it may be subject to specific regulatory exceptions.
UN number: N/A
UN proper shipping name:
Not regulated – See bill of lading for details
Transport hazard classes:
U.S. DOT hazard class: N/A
Canada TRG hazard class: N/A
Europe ADR/RID hazard class: N/A
IMDG Code (ocean) hazard class: N/A
ICAO/IATA (air) hazard class: N/A
A N/A listing for the hazard class indicates the product is not regulated for transport by that regulation.
Packing group: N/A
Environmental hazards: No
Marine pollutant: Not applicable.
Hazardous substances (USA): Not applicable.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBS code:
Not applicable.
Special precautions for user: Not applicable.

Section15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:
U.S. federal and state regulations/legislation:
This SDS has been prepared in accordance with the hazard criteria of the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
U.S. Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Reportable Quantity (RQ):
Not applicable.
U.S. Superfund Amendments and Reauthorization Act (SARA) – SARA Section 313:
This product contains no known toxic chemicals subject to the reporting requirements of Section 313

of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

U.S. TSCA Section 12(b) Export Notification:

This product is not subject to TSCA 12(b) reporting requirements.

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards:

None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

Canada regulations/legislation:

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.

Mexico regulations/legislation:

This SDS contains all the information required by NOM-018-STPS-2000 Workplace Hazardous Chemical Substances Communication and Identification Standard.

Notes: No additional information.

Section16. Other information.

References: Not available.

Other Special Considerations: Not available.

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The information above is believed to be accurate and represents the best information currently available. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.