

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Identification

Product Name DeepLabel™ Solution A
Product Number C33002

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

Identified uses: Laboratory chemicals, Manufacture of substances

Manufacturer

Logos Biosystems, Inc.
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Supplier

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For research use only. Not intended for human or animal diagnostic or therapeutic use.

2. HAZARDS IDENTIFICATION

[GHS classification]

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin corrosion/irritation (Category 2)

Serious eye damage/eye irritation (Category 2)

Specific target organ toxicity – single exposure (Category 3), Respiratory system

Label elements

Labelling according Regulation (EC) No 1272/2008

Hazard pictograms



Signal word Warning

Hazard statements

- H315 – Causes skin irritation.
- H319 – Causes serious eye irritation.

Precautionary statements

- P264 – Wash skin thoroughly after handling. (H302) (H315) (H319) (H372)
- P270 – Do not eat, drink, or smoke when using this product.
- P280 – Wear protective gloves, eyewear, clothing, and face protection. (H315) (H319) (H340) (H350) (H361)
- P301 + P312 + P330 – IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.
- P302 + P352 + P312 – IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. (H315)
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. (H319)
- P337 + P313 – If eye irritation persists: Get medical advice/attention. (H319)
- P332 + P313 – If skin irritation occurs: Get medical advice/attention. (H315)
- P321 – Specific treatment (see supplemental first aid instructions on this label)
- P362 + P364 – Take off contaminated clothing and wash it before reuse.
- P501 – Dispose of contents/container to an approved waste disposal plant.

Other hazards

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

Synonyms	CAS No.	Weight %
Trade secret	Trade secret	> 20%

4. FIRST AID MEASURES

Description of first aid measures

In case of eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.
In case of skin contact	Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use. Immediate medical attention is required
After swallowing	Induce vomiting and call for medical help.
Indication of any immediate medical attention and special treatment needed	No further relevant information available

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Use CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substances or mixture

No further relevant information available

Advice of fire-fighters

Protective equipment

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Further information

No further relevant information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use personal protective equipment.

Environmental precautions

Do not allow to enter sewers/ surface or ground water.

Methods and materials for containment and cleaning up

Take up mechanically and collect in suitable container for disposal.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections

No further relevant information available

7. HANDLING AND STORAGE

Precautions for safe handling

Always wear recommended Personal Protective Equipment (mask, glove).

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s)

No further relevant information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Components with workplace control parameters

Exposure controls

Appropriate engineering controls

Avoid contact eyes, skin. Wash hands immediately after handling

Personal protective equipment

Respiratory protection	Hood
Hand protection	Protective gloves
Eye protection	Safety glasses
Skin and Body protection	Handle with Protective gloves and wear lab clothing
Control of Environmental exposure	Hood

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Appearance	Form: liquid
Odour	Odourless
Odour Threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	175-181°C
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Specific Gravity/Relative density	No data available
Solubility	Fully miscible
Partition coefficient: n-octanol / water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Dynamic viscosity	No data available

10. STABILITY AND REACTIVITY**Stability****Stability**

Stable under recommended storage conditions

Possibility of hazardous reactions

No further relevant information available

Conditions to avoid

No further relevant information available

Incompatible materials

No further relevant information available

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions- Carbon monoxide, Nitrogen oxides (NOx), Sulphur oxides

Other decomposition products - No further relevant information available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

No further relevant information available

Skin corrosion/irritation

Irritant to skin and mucous membranes

Serious eye damage/eye irritation

Irritant to eye

Respiratory or skin sensitization

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

Germ cell mutagenicity

No further relevant information available

Carcinogenicity

No further relevant information available

Reproductive toxicity

No further relevant information available

Specific target organ toxicity – single exposure

No further relevant information available

Specific target organ toxicity – repeated exposure

Vomiting, Headache

Aspiration hazard

No further relevant information available

Potential health effects

No further relevant information available

Additional Information

No further relevant information available

12. ECOLOGICAL INFORMATION

Toxicity

No further relevant information available

Persistence and degradability

No further relevant information available

Bioaccumulative potential

No further relevant information available

Mobility in soil

No further relevant information available

Results of PBT and vPvB assessment

No data available

Other adverse effects

No further relevant information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Product**

Hand over to hazardous waste disposer

Contaminated packaging

Accord to official regulations

14. TRANSPORT INFORMATION**IMDG**

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No further relevant information available

Chemical safety assessment

No further relevant information available

16. OTHER INFORMATION**Further information**

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End of Safety Data Sheet