

Safety Data Sheet

1. Identification of the Substances/Preparation and of the Company/Undertaking

Product Details

Trade Name: Lens Cleaner

Manufacturer/Supplier: Zhejiang Ayan Biotech Co., Ltd.

No.259 North Keyuan Rd, Technology & Industry Zone, Ninghai, Ningbo, China

Contact Person: Bill Chen

Tel: +86-0574-83528001

Fax: +86-574-83528002

E-Mail: bill@cnayan.com

Further Information Obtainable from: Zhejiang Ayan Biotech Co., Ltd.

Information in Case of Emergency

Tel: +86-574-83528001

Contact Person: Bill Chen

2. Hazards Identification

GHS Classification: It's not classified as dangerous according to GHS.

Human Health Hazards:

Inhalation: Unlikely under normal conditions of handling or usage.

Skin Contact: Negligible under normal conditions of use. May cause slight skin irritation. Long-term or repeated contact may cause drying effect and allergic sensitivity reactions.

Eye Contact: May cause slight eye irritation.

Ingestion: Ingestion may cause gastrointestinal irritation.

Environmental Hazards: No hazards to environment under normal use.

Potential Chronic Health Effects: No data available.

3. Composition/Information on Ingredients

Description: Mixture of substances listed below with additions.

Components Name	CAS#	EC# (EINECS#)	Weight %
Deionized Water	7732-18-5	231-791-2	97.4
Isopropyl Alcohol	67-63-0	200-661-7	2
Sodium Lauryl Sulfate	151-21-3	205-788-1	0.5
DMDM Hydantoin	6440-58-0	229-222-8	0.1

4. First-Aid Measures

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ZHEJIANG LANDER STANDARD TECHNOLOGY CO., LTD.

ADD: No. 160, 11th Avenue South, Economic & Technological Development Zone, Hangzhou, Zhejiang Province 310018

TEL:+(86) 571 86043999 FAX:+(86) 571 87906666 Free Line: 800 8571 758 <http://www.ltlab.com.cn> E-mail:info@ltlab.com.cn

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If irritation persists, seek medical assistance.

Skin Contact: Just wash with water. If irritation persists, seek medical assistance.

Inhalation: Move to fresh air. Seek medical assistance if feeling unwell.

Ingestion: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Rinse mouth with water. Never give anything by mouth to an unconscious person.

5. Fire-Fighting Measures

Flammability of the Products: Non-flammable.

Suitable Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

Unusual Fire and Explosion Hazards: When heated to decomposition may emit toxic fumes.

Special Fire Fighting Precaution/Instructions: As in any fire, wear self-contained breathing apparatus, operating in the positive pressure mode, and wear full fire fighting protective clothing. Stand upwind.

6. Accidental Release Measures

Personal Precautions: Use personal protection recommended in section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate of ignition.

Precautions to Protect the Environment: Should not be released into the environment directly. If large quantities enter a waterway, advise local authorities.

Methods for Cleaning Up:

Small leaks: Flush the contaminated area with mounts of water, the washing water release into sewer.

Large leaks: Ensure adequate ventilation. Embank with sands or felt. Reclaimed if possible. Absorb with dry sands, then collect the waste in a suitable waste container for disposal. Remove all sources of ignition.

7. Handling and Storage

Handling: Handle in well-ventilated place. Avoid contact with eyes.

Storage: Keep away from sources of ignition. Keep from contact with oxidizing materials. Keep container tightly closed. Store in a cool, dry, well-ventilated area .

8. Exposure Controls/Personal Protection

Exposure Limits: None established.

Ventilation and Engineering Controls: No special ventilation and engineering controls are required for handling of this product.

Personal Protective Equipment

Respiratory Protection: No special requirements with normal use.

Eye Protection: Recommended: Safety glasses if in-eye risk exists.

Hand Protection: Recommended: Wear plastic or rubber gloves.

Skin and Body Protection: Recommended: Lab coat, hat and boots.

Hygiene Measures: Avoid contact with eyes. Wash hands immediately after handling the product.

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9. Physical and Chemical Properties

General Information	
Odor:	Odorless
Color:	Transparent and colorless
Form:	Liquid
pH:	N/A
Melting Point/Range:	N/A
Boiling Point/Range:	N/A
Ignition Temperature:	N/A
Flash Point:	N/A
Density (20 °C):	N/A
Relative Vapor Density(Air=1):	N/A
Vapor Pressure:	N/A
Evaporation Rate & Reference:	N/A
Solubility in/Miscibility with Water:	Soluble in water
Explosion Limits in Air:	No exposed hazard

10. Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Decomposition Products: Sulfur oxides, sodium oxides, carbon dioxide, nitrogen dioxide etc..

Conditions to Avoid: Keep away from high temperatures.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

General Information: This product is liquid. The use of this product by consumer is safe under normal and reasonable foreseen use.

Acute Toxicity:

Sodium Lauryl Sulfate (CAS# 151-21-3): LD50=1288mg/kg (Rat, Oral);

LD50=210 mg/kg (Rat, Skin);

LC50 >3900mg/kg/1h, (Rat, Inhalation).

Chronic Effects: Due to the nature and composition of this product no chronic health effects are anticipated.

Skin Corrosion/Irritation:

Sodium Lauryl Sulfate (CAS# 151-21-3): Standard Draize test, Human, 250mg/24h, Mild.

Standard Draize test, Rabbit, 50mg/24h, Mild.

Standard Draize test, Rabbit, 250mg/24h, Moderate.

Serious Eye Damage/Eye Irritation:

Sodium Lauryl Sulfate (CAS# 151-21-3): Standard Draize test, Rabbit, 10 mg, Moderate.

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Standard Draize test, Rabbit, 100 mg/24h, Moderate.

Respiratory or Skin Sensitization: *No data available.*

Germ Cell Mutagenicity: *No data available.*

Carcinogenicity: *None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the European Directive (67/548/EEC).*

Reproductive Toxicity: *No data available.*

Epidemiology: *No data available.*

Mutagenic Effects: *No data available.*

Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System): *No data available.*

Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System): *May cause skin drying effect and allergic sensitivity reactions.*

Aspiration Hazard: *No data available.*

12. Ecological Information

General Information: *No ecological consideration when used according to directions. Normal dilution of this product to drains, sewers, septic systems and treatment plants is not considered environmentally harmful.*

Ecotoxicity: *No data available.*

Environmental Fate: *Sodium lauryl sulfate a salt, is expected adsorb to suspended solids and sediment in water, but not expected to Volatilize from water surfaces.*

Mobility: *The product is soluble in water.*

Persistence and Degradability: *The degradability of this product needs a long term.*

Bioaccumulative Potential: *The potential for bioconcentration in aquatic organisms is moderate.*

13. Disposal Considerations

Waste Disposal Property: *Non dangerous waste.*

Waste Disposal Methods: *Dispose of in compliance with Federal, state and local government regulations.*

14. Transport Information

Land Transport ADR/RID

Not regulated for transport or dangerous goods.

Maritime Transport IMDG

Not regulated for transport or dangerous goods.

Air Transport IATA/ICAO

Not regulated for transport or dangerous goods.

15. Regulatory Information

USA Regulations

TSCA Section 8(b): *All the compositions are listed on the TSCA inventory.*

TSCA Section 8(e): *None of these chemicals are listed under TSCA Section 18(e).*

TSCA Section 12(b): *None of these chemicals are listed under TSCA Section 12(b).*

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Clean Water Act:

None of these chemicals are listed as Hazardous Substances under the CWA Section 311.

None of these chemicals are listed as Priority Pollutants under the CWA Section 303.

None of these chemicals are listed as Toxic Pollutants under the CWA Section 307.

OSHA: *None of these chemicals are considered highly hazardous by OSHA.*

European/International Regulations

European Labeling in Accordance with EC Directives: *This product is not classified as hazardous substance according to Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008.*

Symbol(s) and Indication(s) of Danger: *None.*

Canada Regulations

DSL/NDSL: *All the compositions are listed on Canada's Domestic Substances List.*

WHMIS: *This product has a WHMIS classification of D2B (Toxic Material Causing Other Toxic Effects).*

16. Other Information

Abbreviations: CAS# - Chemical Abstract Service Number

DSL –Domestic Substance List (Canada)

NDSL – Non-Domestic Substance List (Canada)

IARC - International Agency for Research on Cancer

LD50/LC50 - Lethal Dose/Concentration kill 50%

OSHA - Occupational Safety & Health Administration

TSCA - Toxic Substances Control Act

Further Information:

·This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

·This safety data sheet was prepared in accordance with GHS, REACH (EC) No 1907/2006, and ANSI Z400.1.

Department Issuing MSDS: *Zhejiang Ayan Biotech Co., Ltd.*

Issue Date: *May 10, 2016*

This MSDS Service is provided by
ZHEJIANG LANDER STANDARD TECHNOLOGY CO.,LTD.

Signed for and on behalf of
Lander Testing Lab

Liu Lingnan

Liu Lingnan
Chemistry Lab Engineer
Date: May 12, 2016

*****End*****

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