

MATERIAL SAFETY DATA SHEET

Lexxiso™ 1003

Page 1 of 5

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Commercial Product Name	Lexxiso™ 1003
Uses	Nonionic surface active agent for textile processing and detergents, raw material for chemical industry
Manufacturer	Ningbo Lucky Chemical Co., Ltd
Emergency Number	86 574 87849999

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance Name	Value (%)	CAS No.	EC No.
Isodecyl alcohol ethoxylate (3EO)	>99%	61827-42-7	----

3. HAZARDS IDENTIFICATION

Most Important Hazards	Irritating to eyes and skin.
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4. FIRST-AID MEASURES

Skin Contact	Flush skin with plenty of water and soap while removing contaminated clothing and shoes.
Eye Contact	Rinse eyes immediately with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical advice.
Inhalation	Remove to fresh air immediately. Seek medical attention if necessary.
Ingestion	Wash mouth out with water and seek medical treatment immediately.
Additional Advice	Treat symptomatically based on individual reactions of patient and judgement of doctor. Show this safety data sheet to the doctor in attendance.

MATERIAL SAFETY DATA SHEET

Lexxiso™ 1003

Page 2 of 5

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, foam, dry chemical or carbon dioxide fire extinguisher
Specific Hazards	Harmful smoke in case of fire
Special Protective Equipment for Firefighters	As in any fire, wear a self-contained breathing apparatus and full protective clothing along with protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use proper personal protective equipment as indicated in Section 8.
Environmental Precautions	Do NOT let contaminated water or firefighting water reach drains or waterways. Advise the Environmental Protection Authority or your local Waste Management if the product does enter a waterway.
Methods for Cleaning Up	Soak up spilled product with suitable absorbent non-combustible material. Transfer the material to a suitable, labelled chemical waste container and hold for safe disposal.

7. HANDLING AND STORAGE

Handling	Shut containers immediately when not in use.
Storage	Store indoors in a cool, dry, well-ventilated place and keep tightly sealed when not in used. Protect from moisture, heat, direct sunlight and static discharges.
Packaging Type	Original packaging offered by manufacturer

MATERIAL SAFETY DATA SHEET

Lexxiso™ 1003

Page 3 of 5

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment	The usual precautionary measures for handling chemicals should be followed.
Respiratory Protection	Wear an approved respirator.
Eye Protection	Wear safety goggles and face shield.
Hand Protection	Wear chemical-protective gloves.
Hygiene Measures	Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (25°C)	Colourless and clear liquid
Odor	Characteristic odor
pH-value (1% aqueous solution)	approx. 6.5
Cloud Point (°C, BDGE)	approx. 55
Hydroxyl Value (mg KOH/g)	approx. 195
HLB Value	approx. 9.1
Flash Point (°C)	>100

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of use and storage according to instructions.
Conditions to Avoid	Avoid moisture, excessive heat, direct sunlight and static discharges.
Materials to Avoid	Incompatible with oxidizing agents, acids and sources of ignition.
Hazardous Decomposition Products	No hazardous decomposition products if well stored and handled.

MATERIAL SAFETY DATA SHEET

Lexxiso™ 1003

Page 4 of 5

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral LD50 (rat): > 2,000 mg/kg Primary skin irritation (rabbit): Irritant Primary irritations of the mucous membrane/rabbit: Risk of serious damage to eyes.
Skin Irritation	Mild
Eye Irritation	Moderate
Respiratory Tract Irritation	Mild
Digestive Tract Irritation	Moderate

12. ECOLOGICAL INFORMATION

Ecotoxicity	Aquatic invertebrates: Daphnia magna/EC50(48h): 1-10 mg/L Aquatic plants: Scenedesmus subspicatus/EC50(72h): 10-100 mg/L
Bioaccumulation and Degradability	Microorganisms: activated sludge/EC20(3h): approx. 180 mg/L Test method: mod. OECD 303A Method of analysis: Bismuth-active substance Degree of elimination: >= 90% Test method: OECD 301B; ISO 9439; 92/69/EEC, C.4-C Method of analysis: CO ₂ formation relative to the theoretical value Degree of elimination: >60% (28d) Evaluation: Readily biodegradable.

MATERIAL SAFETY DATA SHEET

Lexxiso™ 1003

Page 5 of 5

13. DISPOSAL CONSIDERATIONS

Waste from Residues and Contaminated Packaging

Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION

ADR/RID

Not classified as dangerous product under transport regulations.

IMDG

Not classified as dangerous product under transport regulations.

ICAO/IATA

Not classified as dangerous product under transport regulations.

15. REGULATORY INFORMATION

Labelling

Isodecyl alcohol + 3EO

Hazard Symbol(s)

Xi

R-phrases(s)

R36/38: Irritating to eyes and skin.

S-phrases(s)

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION

The information and recommendations with regard to safety requirement contained in this MSDS are based on our current best knowledge and experience, of which we make no representation as to completeness or accuracy. Each user should read the MSDS and consider the information in the context of how the selected substance will be handled and used in the workplace including its use in conjunction with other substances. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, are made with respect to the product or the information and recommendations.

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