
Material Safety Data Sheet

Revision Date: 02-July-2020



1. Product and Company Information

Product Name Disposable Virus Sampling Tube
Cat. No. ES101
Company TransGen Biotech Co., Ltd.
Technical Phone +86-400-898-0321
Fax +86-10-57815011
E-mail Address trans@transgen.com.cn

2. Composition

Chemical Name	CAS No.	EINECS No.	Concentration or concentration range (w/w %)
Sodium Dodecyl Sulfate 151-21-3 (0.1-1)	151-21-3	205-788-1	0.1-1

It is recommended to handle all chemicals with caution.

3. Hazards Identification

Health Hazards

Skin corrosion/irritation Category 3
Serious eye damage/eye irritation Category 2

Physical Hazards

No classification

Environmental Hazards

No classification

Signal Word

Warning

Hazard Symbol



Hazard Statements

Causes skin irritation
Causes serious eye damage

4. First Aid Measures

Eye contact	Rinse carefully with water for minutes. If contact lenses are worn and can be easily removed, remove the contact lenses and continue to rinse.
Skin contact	Wash off with plenty of water. No immediate medical attention is required.
Inhalation	No inhalation hazard under the expected normal conditions of use. Consult a physician if necessary.
Ingestion	No ingestion hazard under the expected normal conditions of use. Consult a physician if feeling uncomfortable.
Notes to physicians	Treat symptomatically.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media	Water spray, Carbon dioxide (CO ₂), Foam, Dry powder
Unsuitable extinguishing media	No data available

Special dangers

No data available

Firefighters' protective equipment and precautions

Standard procedures for dealing with chemical fires

6. Accidental Release Measures

Personal precautions	Ensure adequate ventilation and use personal protective equipment, including protective clothing
----------------------	--

	and safety glasses.
Methods for cleaning up	Use inert absorbent material to soak up spill.
Environmental precautions	Prevent product from entering drains. Avoid contaminating the groundwater system.

7. Handling and Storage

Precautions for safe handling	Use recommended personal protective equipment. No special handling advice is required.
Conditions for safe storage	Keep container sealed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Prevent direct sunlight.
Specific use	For research use only. Not for diagnostic use.

8. Exposure Controls/Personal Protection

Control parameter

MAC(mg/m ³)	No standards available
PC-TWA(mg/m ³)	No standards available
PC-STEL(mg/m ³)	No standards available
TLV-C(mg/m ³)	No standards available
TLV-TWA(mg/m ³)	No standards available
TLV-STEL(mg/m ³)	No standards available

Exposure controls

Personal protective equipment	
Respiratory protection	If ventilation is poor, use respirators with their components tested and approved under appropriate government standards.
Hand Protection	Wear appropriate gloves based on compatibility of glove material chemical resistant to specific chemicals.
Eye Protection	Tightly sealed goggles
Skin and Body Protection	Wear appropriate protective clothing
Hygiene Measures	Operate in accordance with good industrial hygiene and safety practice.

Environmental exposure control	Prevent product from entering drains. Avoid contaminating the groundwater system.
--------------------------------	---

9. Physical and Chemical Properties

Form	Liquid
Solubility in water	Soluble
Others	No data available

10. Stability and Reactivity

Stability	Stable under normal storage conditions
Materials to avoid	No dangerous reaction known under conditions of normal use.
Hazardous polymerization	Hazardous polymerization does not occur.
Decomposition products	No data available

11. Toxicological Information

Information on toxicological effects

Acute Toxicity	No data available
Oral-rat LD50 (mg/kg)	1288
Dermal-rat LD50 (mg/kg)	No data available
Inhalation-rat LC50 (mg/m ³)	No data available
Subcutaneous-rat LD50 (mg/kg)	No data available
Intravenous-rat LD50 (mg/kg)	No data available
Peritoneal cavity-rat LD50 (mg/kg)	No data available
Oral-mouse LD50 (mg/kg)	2000
Dermal- mouse LD50 (mg/kg)	No data available
Intravenous-mouse LD50 (mg/kg)	No data available
Peritoneal cavity-mouse LD50 (mg/kg)	No data available

Health effects of routine exposure

Eyes	Causes serious eye irritation
Skin	Causes skin corrosion and irritation

Inhalation	Irritating to respiratory system
Ingestion	Harmful if swallowed
Sensitization	No data available
Mutagenicity	No data available
Teratogenicity	No data available
Carcinogenicity	No data available

12. Ecological Information

Carcinogenic effects	No data available
Mobility	No data available
In vivo degradation	No data available
Bioaccumulation	No data available

13. Disposal Considerations

Waste should be avoided or minimized as much as possible. Empty containers or liners may retain some product residues. The substance and its container must be disposed of in accordance with approved disposal techniques. The disposal of the product, its solution or any by-products should refer to relevant national and local regulations. Do not dispose into drains or sewers

14. Transport Information

Hazard class	No data available
UN number	No data available
Packing group	No data available
Packing method	No data available
Transportation considerations	Package should be intact upon departure. Loading should be handled carefully. During transportation, prevent the containers from leakage, collapse, fall or damage. Transportation combined with oxidants, edible chemicals, etc. is strictly prohibited. It should be protected from exposure to sun light, rain and high temperature during transportation. The vehicle should be thoroughly cleaned after transportation. Road transportation must follow the prescribed route.

15. Regulatory Information

Regulations on Safe Management of Hazardous Chemicals (Promulgated by the State Council on February 17, 1987), The Detailed Rules for the Implementation of the Regulations on Safe Management of Hazardous Chemicals (Promulgated by Decree No. 677 of the Ministry of Chemical Industry [1992]), Regulations on the Safe Use of Chemicals in the Workplace (Promulgated by Decree No. 423 of the Ministry of Labor and Social Security [1996]) and other regulations have made corresponding regulations on the safe use, production, storage, transportation, loading and unloading of hazardous chemicals.

Executive Standard: National Standard of the People's Republic of China GB/T15963-1995

16. Other Information

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

The above information was acquired by diligent search and/or investigation. These recommendations are based on prudent professional judgment. This information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. **Since the Company cannot control the actual methods, quantities, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. The information in this MSDS does not constitute a warranty of marketability or suitability for any particular purpose, expressed or implied.**

End of Safety Data Sheet