

Product and Company Identification

Product Name: SciDye™ Terminator Cycle Sequencing Kit
Cat #: SciDT3-100
Product Use: For Research Use Only. Not for use in diagnostic procedures
Company: Debna BioGene AB
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Hazards Identification

GHS - Classification

Signal Word

WARNING

Health Hazard

Skin Corrosion/Irritation: Category 3

Physical Hazards

Not hazardous

Hazard statements

H316 - Causes mild skin irritation

Precautionary statements

P332 + P313 - If skin irritation occurs: Get medical advice/attention

Principle Routes of Exposure/Potential Health effects

Eyes: May cause eye irritation with susceptible persons

Skin: May cause eye irritation with susceptible persons.

Inhalation: May be harmful

Ingestion: May be harmful

Specific effects

Carcinogenic effects none

Mutagenic effects none

Reproductive toxicity none

Sensitization none

Target Organ Effects: None under normal use conditions

Composition/Information on ingredients

Chemical Name	CAS-No.	EINECS-No	Weight %
Tris Base	77-86-1	201-064-4	1-5
Glycerol	56-81-5	200-289-5	10-30

First Aid Measures

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Inhalation: Remove to fresh air immediately. Get medical attention immediately. If not breathing, give artificial respiration.

Skin contact: Rinse with plenty of water. If symptoms arise, call a physician

Ingestion: Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.

Fire Fighting Measures

Suitable extinguishing media: Water spray, Carbon dioxide (CO₂), Foam, Dry chemical

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Accidental Release Measures

Personal precautions:

Use personal protection equipment.

Environmental precautions:

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up:

Soak up with inert absorbent material.

Handling and Storage

Precautions for safe handling:

Always wear recommended Personal Protective Equipment. No special handling.

Storage conditions:

Keep in a dry, cool and well-ventilated place.

Exposure Controls/Personal Protection

Eye protection: Chemical resistant goggles must be worn.

Ensure that eyewash stations and safety showers are close to the workstation location.

Hand protection: Wear suitable gloves.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Respiratory protection:

Avoid breathing vapors, mist or gas.

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. For unknown concentrations or Immediately Dangerous to Life or Health (IDLH), use a full-facepiece positive pressure air supplied.

Skin protection: Wear suitable protective clothing.

Engineering measures: Maintain air concentrations below occupational exposure standards. Use only in area provided with appropriate exhaust ventilation.

Stability And Reactivity

Stability: Stable under normal conditions.

Materials to avoid: No dangerous reaction known under conditions of normal use.

Hazardous decomposition product: None under normal use conditions.

Polymerization: Hazardous polymerization does not occur.

Physical And Chemical Properties

Physical State	Liquid
Odor	No information available
Color	No information available
Flash Point	No information available
Autoignition Temperature	No information available
Oxidation Properties	No information available
Solubility	Soluble
Boling Point	No information available
Melting Point	No information available

Toxicological Information

Acute toxicity

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
TRIS Base	5900 mg/kg (Rat)	no data available	no data available
Glycerol	12600 mg/kg Oral	no data available	no data available

Principle Routes for Exposure/Potential Health Effects:

Eyes: May cause eye irritation

Skin: May cause skin irritation

Inhalation: May be harmful

Ingestion: May be harmful

Carcinogenic effects: None

Mutagenic effects: None

Reproductive toxicity: None

Sensitization: None

Target Organ Effects: No known effects under normal use conditions

Ecological Information

Ecotoxicity effects: Daphnia magna (Water flea)

Acute aquatic toxicity: Not classified for acute

Chronic aquatic toxicity: Not classified chronic

Mobility: see log Pow

Biodegradation: Inherently biodegradable

Bioaccumulation: Does not bioaccumulate

Chemical Name	Freshwater	Water Flea Data	Freshwater Fish Species Data	Microtox Data	log Pow
Glycerol 56-81-5		Daphnia magna EC50>500 mg/L (24 h)			logPow-1.76

Disposal Considerations

Dispose of contents/containers in accordance with local regulations.

Transport Information

Not expected to be hazardous for transport

Other Information

Disclaimer: This product intended for R&D and clinical diagnostic uses. Use of material must be supervised by technically qualified individual. This above information is believed to be correct but may not be all inclusive and shall be used as a reference guide only. Company shall not be held liable for any damage resulting from handling or contact with above product.