

MSDS-Material Safety Data Sheet

1. Identification of Substance

Product details:

Trade Name: **Oragene®•DNA**
Product Code: OG-1XX, OG-2XX, OG-3XX, OG-5XX
Volume: 1.9 mL
Manufacturer/Supplier: DNA Genotek Inc.
29 Camelot Drive
Ontario, Canada, K2G 5W6
Telephone: (613) 723-5757

Information Department: DNA Genotek, Technical Department,
29 Camelot Drive
Ontario, Canada, K2G 5W6
Telephone: (613) 723-5757

2. Composition/Data on Components

Chemical Characterization:

Description: Liquid (Proprietary Compound Mixture with non-hazardous additions).

Dangerous Components: Sodium dodecyl sulphate <2%

3. Hazards Identification

Hazard description: Irritant

Information pertaining to particular dangers for man and environment: Irritating to eyes, skin, and mucous membranes.

Classification system: The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

4. First Aid Measures

If there is accidental contact with mucous membranes or skin: Immediately wash thoroughly with water.

If there is accidental contact with an eye: Rinse eye copiously with water.

If accidentally swallowed: Drink a glass of water or milk.

If symptoms persist, consult a physician.

5. Fire Fighting Measures

Non-flammable

6. Accidental Release Measures

Wash area with water. Small amounts can be discarded in sanitary drain.

7. Handling and Storage

Information for safe handling: Keep receptacles tightly closed.

Information about protection against explosions and fires: No special measures required.

Storage: Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: No special requirements.

Further information about storage conditions: Keep receptacle tightly closed.

8. Exposure Controls and Personal Protection

Additional information about design of technical systems: No special requirements.

Personal protective equipment: No special requirements.

General protective and hygienic measures: Avoid contact with the eyes, mucous membrane and skin.

Keep away from foodstuffs, beverages and feed.

Breathing equipment: No special requirements.

Protection of hands: Protective gloves.

Eye protection: Safety goggles.

9. Physical and Chemical Properties

General Information

Form: Liquid

Colour: Clear

Odor: None

Self-Igniting: Product is not flammable.

Danger of explosion: Product does not present an explosion hazard.

Solubility in/miscibility with water: Readily soluble in water.

Solvent/organic content: <30% ethanol

10. Stability and Reactivity

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: None known.

11. Toxicological Information

Acute Toxicity

Oral: LD50 1288 mg/kg (for sodium dodecyl sulfate).

Primary irritant effect in rats:

On the skin: Irritant to mucous membranes and skin.

On the eye: Irritating effects

Sensitization: No sensitizing effects known.

12. Ecological Considerations

None known in small quantities.

13. Disposal Considerations

Recommendation:

May be disposed together with household garbage.

14. Transportation Information

May be shipped normally as non hazardous material.