

Safety Data Sheet

1. Identification

Product identifier ***Trovagene NextCollect Urine Collection and Stabilization Device***

Other means of identification SDS number NC-0001

Product code TROV Urine Preservative

Recommended use DNA stabilization in urine collection kit

Recommended restrictions None known

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier Trovagene, Inc.

Address 11055 Flintkote Avenue San Diego, CA 92121
United States

Telephone number +1 858 952 7570

e-mail info@trovagene.com

Contact person

Emergency telephone number

2. Hazard(s) identification

Physical hazards	Not classified
Health hazards	Not classified
OSHA defined hazards	Not classified
Signal word	None
Hazard statement	Not a hazardous substance or mixture
Precautionary statement	Not applicable
Hazard(s) not otherwise classified (HNOC)	None known
Supplemental information	None

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Nucleic acid stabilizers	Proprietary	Proprietary

Composition comments

The product contains no substances, which are classified as hazardous to health or environment at their given concentrations and require reporting in this section. The specific chemical identity and/or exact percentage of component(s) have been withheld as a trade secret.

4. First-aid measures

Inhalation	No specific precautions due to the small quantities handled. However: Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	No specific precautions due to the small quantities handled.
Eye contact	Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	May cause temporary eye irritation. May cause an allergic skin reaction (dermatitis, rash).
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, as outlined above and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Standard media like water, fog, foam, dry chemical powder.
Unsuitable extinguishing media	No information available.
Specific hazards arising from the chemical	Not known.
Special protective equipment and precautions for firefighters	Standard procedures for chemical fires.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	The product is non-combustible.

6. Accidental release measures

Personal precautions	Avoid skin or eye contact with fluid.
Methods and materials for containment and cleaning up	Wipe up with absorbent material (e.g. cloth, fleece).
Environmental precautions	No special environmental precautions required.

7. Handling and storage

Precautions for safe handling	Keep original container closed until use.
Conditions for safe storage, including any incompatibilities	Store in original container at room temperature

8. Exposure controls/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Not applicable.
Individual protection measures, such as personal protective equipment	
Eye/face, skin, hand or respiratory protection	Not applicable.
Thermal hazards	Not applicable.
General hygiene controls	Not applicable.

9. Physical and chemical properties

Appearance

Physical state	Liquid.
Form	Liquid.
Color	Dark blue.

Odor

Odor threshold	Not available.
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pH

	pH 7.5 – 8.1
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Melting point/freezing point	Not available.
Initial boiling point/range	Not applicable.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.

Upper/lower flammability or explosive limits

Flammability limit – lower (%)	Not applicable.
Flammability limit – upper (%)	Not applicable.
Explosive limit – lower (%)	Not available.
Explosive limit – upper (%)	Not available.

Vapor pressure, and density

	Not available.
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Relative density

	Not available.
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Solubility(ies)

Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.

Auto-ignition temperature

	Not applicable.
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Decomposition temperature

	Not available.
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Viscosity	Not available.
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Other information

Explosive properties	Not explosive.
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Oxidizing properties	Not oxidizing.
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10. Stability and reactivity

Reactivity	Stable and non-reactive under normal conditions of use, storage and transport.
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Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Unsuitable extinguishing media
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Conditions to avoid	No data available.
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Incompatible materials	Strong oxidizing agents. Strong bases. Strong acids. Metals.
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Hazardous decomposition products	None under normal use conditions.
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11. Toxicological information

Information on toxicological effects

Acute toxicity	No data available.
Inhalation	No data available.
Dermal	No data available.
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.

Carcinogenicity

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity No data available.

Specific target organ toxicity

Single exposure	No data available.
Repeated exposure	No data available.

Aspiration hazard No data available.

Additional information RTECS: Not available.

12. Ecological information

Information on toxicological effects

Toxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Results of PBT and PBT/vPvB vPvB assessment	Assessment not available as chemical safety assessment not required/not conducted.
Other adverse effects	No data available.

13. Disposal considerations

Waste treatment methods

Product	For manufacturing, only: offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	Dispose of as unused product.

14. Transport information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.

15. Regulatory information

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt D)	Not regulated.
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OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not regulated.
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CERCLA Hazardous Substance List (40 CFR 302.4) Nucleic acid stabilizing agent (CAS Proprietary)	Listed.
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Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories:	
Immediate hazard	No
Delayed hazard	No
Fire hazard	No
Pressure hazard	No
Reactivity hazard	No

SARA 302 Extremely hazardous substance	Not listed.
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SARA 311/312 Hazardous chemical	No
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SARA 313 (TRI reporting)	Not regulated.
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Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	Not regulated.
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Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated.
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Safe Drinking Water Act (SDWA)	Not regulated.
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US state regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US. Massachusetts RTK - Substance List	Nucleic acid stabilizing agent (CAS Proprietary).
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US. New Jersey Worker and Community Community Right-to-Know Act	Nucleic acid stabilizing agent (CAS Proprietary).
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US. Pennsylvania Worker and Community Community Right-to-Know Law	Nucleic acid stabilizing agent (CAS Proprietary).
US. Rhode Island RTK	Not regulated.

International inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

* A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	Jan. 20, 2017
Revision date	Jan. 20, 2017
Version #	01
Further information	HMIS® is a registered trade and service mark of the ACA.
HMIS® ratings	Health: 2* Flammability: 0 Physical hazard: 0
List of abbreviations	LD50: Lethal Dose 50%; EC50: Effective Concentration 50%; LC50: Lethal Concentration 50%.
Disclaimer	Trovagene, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.