1 Identification

- **Product identifier:** 100, 100-1G, 100-DR
- **Trade name:** CANTESCO® FORMULA 100
- **Item number(s):** 100, 100-1G, 100-DR
- **MSDS Number:** 119
- **UPC bar code(s):** 10005, 10295, 10300, 10305
- **Application of the substance / the mixture:** LEAK DETECTION COMPOUND
- **Manufacturer/Supplier:** WWW.CANTESCO.COM

USA ADDRESS:
KEMPER SYSTEM AMERICA, INC.
1200 NORTH AMERICA DR,
WEST SENeca, NY 14224
PH (716) 558-2971

CANADIAN ADDRESS:
KEMPER SYSTEM CANADA
6345 NETHERHART ROAD
MISSISSAUGA, ON L5T 1B8
PH (905) 624-5463
FAX (905) 624-2840

- **Information department:**
  Tel: (716) 558-2971 ext. 228
  www.cantesco.com
- **Emergency telephone number:**
  ChemTrec (800) 424-9300
  Canada only: CANUTEC (Call collect) (613) 996-6666

2 Hazard(s) identification

- **Classification of the substance or mixture:**
  This product is not classified as hazardous according to the Globally Harmonized System (GHS).
- **Label elements**
  - **GHS label elements** Not Available
  - **Signal word:** Not Available
  - **Hazard statements:** Not Available
- **NFPA ratings (scale 0 - 4):**
  - Health = 0
  - Fire = 0
  - Reactivity = 0

(Contd. on page 2)
3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.
- Dangerous components: Not Available
- Additional information: Exact concentrations are being withheld as trade secrets.

4 First-aid measures

- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.
- Most important symptoms and effects, both acute and delayed: No further relevant information available.
- Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5 Fire-fighting measures

- Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture: No further relevant information available.
- Protective equipment: No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures: Not required.
- Environmental precautions: Do not allow to enter sewers/surface or ground water.
- Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Reference to other sections: No dangerous substances are released.
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

7 Handling and storage

- Handling
  - Precautions for safe handling: No special measures required.
  - 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: Not required.
  - Further information about storage conditions: None.
- Specific end use(s): No further relevant information available.
8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
  The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures:**
  The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:**
  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves:**
  Protective gloves not normally required. People with sensitive skin may prefer to wear water-proof gloves, such as rubber or neoprene, to avoid skin contact.
- **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

- **Form:** Liquid
- **Color:** Yellow
- **Odor:** Odorless
- **Odor threshold:** Not determined.
- **pH-value at 20 °C:** 7
- **Change in condition**
  - **Melting point/Melting range:** -3 °C
  - **Boiling point/Boiling range:** 93 °C
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 371 °C
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits**
  - **Lower:** 2,6 Vol %
  - **Upper:** 12,6 Vol %
- **Vapor pressure at 20 °C:** 23 hPa
- **Density at 20 °C:** 0,998 g/cm³
- **Relative density:** Not determined.
- **Vapour density at 20 °C:** .610 (AIR=1)
- **Evaporation rate at 20 °C:** 1 (BA=1)
- **Solubility in / Miscibility with Water:** Fully miscible.
· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**
  - Dynamic: Not determined.
  - Kinematic: Not determined.

· **Solvent content:**
  - Organic solvents: 0,0 %
  - Solids content: 1,0 %

· **Other information**
  - No further relevant information available.

### 10 Stability and reactivity

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

· **Possibility of hazardous reactions:** No dangerous reactions known.

· **Conditions to avoid:** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects:**
  - **Acute toxicity**
  - **Primary irritant effect**
    - **on the skin:** No irritant effect.
    - **on the eye:** No irritating effect.
  - **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**
  The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**
  - **IARC (International Agency for Research on Cancer)**
    - None of the ingredients is listed.
  - **NTP (National Toxicology Program)**
    - None of the ingredients is listed.

### 12 Ecological information

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability:** No further relevant information available.

- **Behavior in environmental systems**
  - **Mobility in soil:** No further relevant information available.

- **Bioaccumulative potential:** No further relevant information available.

- **Additional ecological information**
  - **General notes:**
    Water hazard class 1 (Self-assessment): slightly hazardous for water
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Trade name: CANTESCO® FORMULA 100

13 Disposal considerations

- Other adverse effects: No further relevant information available.

14 Transport information

- UN-Number
  - DOT, TDG, ADN, IMDG, IATA: Not regulated

- UN proper shipping name
  - DOT, TDG, ADN, IMDG, IATA: Not regulated

- Transport hazard class(es)
  - DOT, TDG, ADN, IMDG, IATA: Not regulated

- Packing group
  - DOT, TDG, IMDG, IATA: Not regulated

- Environmental hazards:
  - Marine pollutant: No

- Special precautions for user: Not applicable.

- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

- UN "Model Regulation": Not regulated

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Sara

  - Section 355 (extremely hazardous substances):
    - None of the ingredients is listed.

  - Section 313 (Specific toxic chemical listings):
    - 3251-23-8 copper dinitrate

  - TSCA (Toxic Substances Control Act):
    - All ingredients are listed or exempted

  - Proposition 65

  - Chemicals known to cause cancer:
    - None of the ingredients is listed.
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- **Chemicals known to cause reproductive toxicity for females:**
  None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**
  None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**
  None of the ingredients is listed.

**Canadian substance listings**

- **Canadian Domestic Substances List (DSL/NDSL):**
  All ingredients are listed.

- **Canadian Ingredient Disclosure list (limit 0.1%):**
  None of the ingredients is listed.

- **Canadian Ingredient Disclosure list (limit 1%):**
  None of the ingredients is listed.

- **GHS label elements** Not Available
- **Hazard pictograms** Not Available
- **Signal word** Not Available
- **Hazard statements** Not Available

**16 Other information**

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- **Department issuing SDS:** Product safety department
- **Contact:** Stephen Nowicki
- **Date of preparation / last revision** 11/23/2016 / -

**Abbreviations and acronyms:**

- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- VOC: Volatile Organic Compounds (USA, EU)