



# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 03/23/2016

Revision: 03/23/2016

## 1 Identification

- **Product identifier**

- **Trade name: Underground Warning Tape**

- **Product code:**

3" X 1000' Underground Tape 4 Mil:	6"x1000' Underground Tape 4 Mil:
· UT4D            UT17D	UT25D            UT38D
· UT7D            UT19D	UT28D            UT40D
· UT8D            UT20D	UT29D            UT41D
· UT11D           UT43D	UT32D            UT46D
· UT12D           UT44D	UT33D            UT47D

- **CAS Number:**

9002-88-4

- **Recommended use and restriction on use**

· **Recommended use:** Marking underground utility lines.

· **Restrictions on use:** No relevant information available.

- **Details of the supplier of the Safety Data Sheet**

- **Manufacturer/Supplier:**

L.H. Dottie Company  
6131 Garfield Ave.  
Commerce, CA 90040  
(323) 725-1000

- **Emergency telephone number:**

ChemTel Inc.  
+1 (800)255-3924, +1 (813)248-0585

## 2 Hazard(s) identification

- **Classification of the substance or mixture**

The substance is not classified as hazardous according to the Globally Harmonized System (GHS).

- **Label elements**

· **GHS label elements** This product does not have a classification according to the GHS regulation.

· **Hazard pictograms:** Not regulated.

· **Signal word:** Not regulated.

· **Hazard-determining components of labeling:** Not applicable.

· **Hazard statements:** Not regulated.

· **Precautionary statements:** Not regulated.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

## 3 Composition/information on ingredients

- **Chemical characterization: Substances**

- **CAS No. Description**

9002-88-4 Linear Low Density Polyethylene

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### **4 First-aid measures**

- **Description of first aid measures**
- **After inhalation:**  
Unlikely route of exposure.  
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Brush off loose particles from skin.  
Clean with water and soap.  
If skin irritation is experienced, consult a doctor.
- **After eye contact:**  
Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; immediately call for medical help.
- **Most important symptoms and effects, both acute and delayed:** No relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**  
No relevant information available.

### **5 Fire-fighting measures**

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO2, extinguishing powder or water spray. Fight larger fires with water spray.
- **For safety reasons unsuitable extinguishing agents:** None.
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.

### **6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures:**  
Ensure adequate ventilation.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose of the collected material according to regulations.
- **Reference to other sections:**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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### 7 Handling and storage

- **Handling**
- **Precautions for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:**  
Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from oxidizing agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s):** No relevant information available.

### 8 Exposure controls/personal protection

- **Control parameters**
- **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.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.  
Keep away from foodstuffs, beverages and feed.
- **Engineering controls:** No relevant information available.
- **Breathing equipment:**  
Not required under normal conditions of use.  
Use respiratory protection when grinding or cutting material.
- **Protection of hands:**  
Gloves are advised for repeated or prolonged contact.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Eye protection:** Follow relevant national guidelines concerning the use of protective eyewear.
- **Body protection:** Not required under normal conditions of use.
- **Limitation and supervision of exposure into the environment** No special requirements.
- **Risk management measures** No special requirements.

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## 9 Physical and chemical properties

<b>· Information on basic physical and chemical properties</b>	
<b>· Appearance:</b>	
<b>Form:</b>	Solid
<b>Color:</b>	Various colors
<b>· Odor:</b>	Mild
<b>· Odor threshold:</b>	Not determined.
<b>· pH-value:</b>	Not applicable.
<b>· Melting point/Melting range:</b>	Not determined.
<b>· Boiling point/Boiling range:</b>	Not determined.
<b>· Flash point:</b>	Not applicable.
<b>· Flammability (solid, gaseous):</b>	Not determined.
<b>· Auto-ignition temperature:</b>	Not determined.
<b>· Decomposition temperature:</b>	Not determined.
<b>· Auto igniting:</b>	Product is not self-igniting.
<b>· Danger of explosion:</b>	Product does not present an explosion hazard.
<b>· Explosion limits</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>· Oxidizing properties:</b>	Not determined.
<b>· Vapor pressure:</b>	Not determined.
<b>· Density:</b>	Not determined.
<b>· Relative density:</b>	Not determined.
<b>· Vapor density:</b>	Not applicable.
<b>· Evaporation rate:</b>	Not applicable.
<b>· Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
<b>· Partition coefficient (n-octanol/water):</b>	Not determined.
<b>· Viscosity</b>	
<b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.
<b>· Other information</b>	No relevant information available.

## 10 Stability and reactivity

- Reactivity:** No relevant information available.
- Chemical stability:** Stable under normal temperatures and pressures.
- Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.

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- **Possibility of hazardous reactions:** Reacts with strong oxidizing agents.
- **Conditions to avoid:** Excessive heat.
- **Incompatible materials:** No relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** None.
- **Primary irritant effect:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** Based on available data, the classification criteria are not met.
- **IARC (International Agency for Research on Cancer):**

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- **NTP (National Toxicology Program):**

Substance is not listed.
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- **OSHA-Ca (Occupational Safety & Health Administration):**

Substance is not listed.
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- **Probable route(s) of exposure:**

Ingestion.
Eye contact.
Skin contact.
- **Repeated dose toxicity:** No relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity** No relevant information available.
- **Persistence and degradability** No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.
- **Additional ecological information**
- **General notes:** Generally not hazardous for water
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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- **vPvB:** Not applicable.
- **Other adverse effects:** No relevant information available.

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### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**

Smaller quantities can be disposed of with household waste.  
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· <b>UN-Number</b>	
· DOT, ADR, IMDG, IATA	Not regulated.
· <b>UN proper shipping name</b>	
· DOT, ADR, IMDG, IATA	Not regulated.
· <b>Transport hazard class(es)</b>	
· DOT, ADR, IMDG, IATA	
· Class	Not regulated.
· <b>Packing group</b>	
· DOT, ADR, IMDG, IATA	Not regulated.
· <b>Environmental hazards</b>	
· Marine pollutant:	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA
- **Section 355 (extremely hazardous substances):**

Substance is not listed.
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· **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

· **TSCA (Toxic Substances Control Act)**

Substance is listed.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

Substance is not listed.

· **Chemicals known to cause reproductive toxicity for females:**

Substance is not listed.

· **Chemicals known to cause reproductive toxicity for males:**

Substance is not listed.

· **Chemicals known to cause developmental toxicity:**

Substance is not listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency):**

Substance is not listed.

· **IARC (International Agency for Research on Cancer):**

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· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

Substance is not listed.

· **Canadian substance listings**

· **Canadian Domestic Substances List (DSL):**

Substance is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** 03/23/2016 / -

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

· **Sources**

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor/internet/registry/substreg/home/

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Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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