



D.G.T. SPRAY – 40-2510 SDS

**UTILITY****SAFETY DATA SHEET**

OSHA HCS (29 CFR 1910.1200)

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION****Product identifier**

Chemical Name	Mixture
CAS No.	Mixture
Trade Name	D.G.T.
Product Code	40-2510

**Relevant identified uses of the substance or mixture and uses advised against**

Identified Use(s)	Cleaning Product
Uses Advised Against	None

**Company Identification**

UTILITY  
700 Main Street Westbury, NY 11590  
Tel: Fax:

Telephone

1-516-997-6300

Fax

1-516-997-6345

E-Mail

info@UtilityChemical.com

**Emergency telephone number**

Emergency Phone No.

INFOTRAC: (800) 535-5053

**SECTION 2: HAZARDS IDENTIFICATION****Classification of the substance or mixture**

OSHA HCS (29 CFR 1910.1200) Flam. Aerosol 2; Liquefied gas ; Eye Dam. 2 ;Skin Irrit. 2; Asp. Tox. 4; Skin Sens. 1B

**Label elements**

Hazard Symbol

**DANGER**

Signal word(s)

Hazard Statement(s)

Flammable aerosol.

Contains gas under pressure; may explode if heated.

Causes serious eye damage.

Causes skin irritation.

May be fatal if swallowed and enters airways.

Causes damage to organs through prolonged or repeated exposure.

May cause an allergic skin reaction.

Precautionary Statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Wash hands and exposed skin after use.

Wear protective gloves/protective clothing/eye protection/face protection.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Contaminated work clothing should not be allowed out of the workplace.

Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

**Other hazards**

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredient(s)	% wt.*	CAS No.	Hazard classification
o-Dichlorobenzene	50 - 75	95-50-1	Acute Tox. 4; H302, H332 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411
Polysorbate 80	1 - 5	9005-65-6	Ingest.Tox. :H302 Eye irrit. :H320 Skin Irrit. :H315
Nonylphenol polyethylene glycol ether	6 - 11	9005-65-6	Ingest.Tox. :H302 Eye irrit. :H320 Skin Irrit. :H315
Methanol	1 - 5	67-56-1	Ingest.Tox. :H302, Eye irrit. :H320 Skin Irrit. :H315
Water	0 - 10	7732-18-5	Not classified as dangerous for supply/use.
Propane	10 - 25	74-98-6	Flam. Gas 1; H220 Liquefied gas; H280
n-Butane	10 - 25	106-97-8	Flam. Gas 1; H220 Liquefied gas; H280

**Additional Information** - \* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

**SECTION 4: FIRST AID MEASURES****Description of first aid measures**

Inhalation

Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.

Skin Contact

Wash affected skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

Ingestion

Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting. Do not give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

Aspiration of droplets may cause pulmonary oedema. May cause an allergic skin reaction.

**Indication of any immediate medical attention and special treatment needed**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

**SECTION 5: FIRE-FIGHTING MEASURES****Extinguishing Media**

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray. Do not use water jet.

**Advice for fire-fighters**

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Eliminate sources of ignition. Avoid contact with skin and eyes. Avoid breathing spray. Wear protective gloves/protective clothing/eye protection/face protection.

**Environmental precautions**

Prevent liquid entering sewers, basements and work pits. Avoid release to the environment. Collect spillage.

**Methods and material for containment and cleaning up**

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

**Reference to other sections**

None

**Additional Information**

None

**SECTION 7: HANDLING AND STORAGE****Precautions for safe handling**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Avoid breathing spray.

**Conditions for safe storage, including any incompatibilities**

-Storage temperature

Store in a well-ventilated place. Protect from sunlight. Store at temperatures not exceeding 50 °C / 122 °F.

-Incompatible materials

This product should be stored away from sources of strong heat, oxidizing chemicals, reducing agents, acids. Also avoid Ammonium compounds and Aluminum, Tin, Zinc, Lead metals.

**Specific end use(s)**

Cleaning Product

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits**

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Propane	74-98-6	1000 ppm	Aspyx.#	-----	-----	#
n-Butane	106-97-8	-----	250 ppm	-----	-----	-----
o-Dichlorobenzene	95-50-1	50 ppm	25 ppm (TWA)	-----	50 ppm	-----

#Assure minimum oxygen content of work atmosphere.

**Recommended monitoring method**

NIOSH 1500 (hydrocarbons, B.P. 36 - 126 °C)

**Exposure controls****Appropriate engineering controls**

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

**Personal protection equipment**

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber or Butyl rubber)



Respiratory protection



Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls

Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Aerosol spray
Color.	Light yellow-white foam and liquid
Odor	Aromatic
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	-104 (Propane)
Evaporation Rate	Not available
Flammability (solid, gas)	Flammable aerosol
Explosive Limit Ranges	2.1% - 9.5% v/v (Propane)
Vapor pressure (Pascal)	ca. $95 \times 10^4$ (Propane)
Vapor Density (Air=1)	ca. 1.56 @ 0°C (Propane)
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	450 (Propane)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	Not available
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
<b>Other information</b>	Not available

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	None anticipated.
<b>Conditions to avoid</b>	Avoid contact with heat and ignition sources.
<b>Incompatible materials</b>	This product should be stored away from sources of strong heat, oxidizing chemicals, reducing agents, acids. Also avoid Ammonium compounds and Aluminum, Tin, Zinc, Lead metals.
<b>Hazardous decomposition product(s)</b>	Carbon monoxide, Carbon dioxide, Acrid smoke, Chlorine, Other

## SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

### Information on toxicological effects

o-dichlorobenzene (CAS No. 95-50-1) - By analogy with similar materials:

<b>Acute toxicity</b>	LD50(Oral): 500 mg/kg (rat) LD50(Dermal): 10 g/kg (rabbit) LC50(inhalation): 14.04 mg/L/4h (Rat)
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**Irritation** Irritating to eyes, respiratory system and skin.  
**Sensitization** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

**Mutagenic Effects Reproductive Effects** No information available.  
 Experiments have shown reproductive toxicity effects on laboratory animals.

**Developmental Effects Teratogenicity** Developmental effects have occurred in experimental animals.  
 Teratogenic effects have occurred in experimental animals.

**STOT - single exposure** Respiratory system  
**STOT - repeated exposure** Kidney Liver

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting: Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing.

**Endocrine Disruptor Information** No information available.

**Other Adverse Effects** Tumorigenic effects have been reported in experimental animals. See actual entry in RTECS for complete information.

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product contains the following substance(s) which are hazardous for the environment.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
o-Dichlorobenzene	61.2 - 181 mg/L EC50 72 h 91.6 mg/L EC50 = 96 h 2.2 mg/L EC50 = 96 h	8.23 - 10.9 mg/L LC50 96 h 42.6 - 80.4 mg/L LC50 96 h 4.8 - 6.6 mg/L LC50 96 h 1.44 - 1.73 mg/L LC50 96 h 5.8 mg/L LC50 96 h 5.2 mg/L LC50 96 h	EC50 = 4.76 mg/L 5 min EC50 = 4.98 mg/L 15 min EC50 = 5.99 mg/L 30 min	0.74 mg/L EC50 = 48 h 1.7 mg/L EC50 = 24 h

**Persistence and degradability:** No information available  
**Bioaccumulative potential:** No information available  
**Mobility:** 3.43 log Pow

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods** Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste.

**SECTION 14: TRANSPORT INFORMATION**

	<u>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
<b>UN number</b>	1950	1950	1950
<b>Proper Shipping Name</b>	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
<b>Transport hazard class(es)</b>	2.1	2.1	2.1
<b>Packing group</b>	Not applicable	Not applicable	Not applicable
<b>Environmental hazards</b>	None assigned	None assigned	None assigned
<b>Special precautions for user</b>	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

**SECTION 15: REGULATORY INFORMATION**

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

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
Sodium nitrite	7632-00-0	~0.2	100

SARA 311/312 - Hazard Categories:

Fire     Sudden Release     Reactivity     Immediate (acute)     Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
Sodium nitrite	7632-00-0	~0.2
o-Dichlorobenzene	95-50-1	50-60%

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
Ethylene oxide (Trace)	75-21-8	Cancer / Reproductive
1,4-dioxane (Trace)	123-91-1	Cancer

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 1-16.

Date of preparation: November 9, 2015

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2: / SECTION 3:

Hazard Statement(s)

- H220: Extremely flammable gas.
- H223: Flammable aerosol.
- H226: Flammable liquid and vapour.
- H280: Contains gas under pressure; may explode if heated.
- H302: Harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H320: Causes eye irritation.
- H332: Harmful if inhaled.
- H400: Very toxic to aquatic life.
- H401: Toxic to aquatic life.
- H411: Toxic to aquatic life with long lasting effects.

Training advice: None.

Disclaimer

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**MATERIAL SAFETY DATA SHEET**

**DGT WATER-SOLUBLE FOAMING DEGREASER**

**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire, Exposure, or Accident - Call INFOTRAC - Day or Night: **1-800-535-5053**  
**THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD) IMPORTANT:** Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers and users of this product.

**PRODUCT IDENTIFICATION**

DOT Shipping name: CONSUMER COMMODITY, ORM-D CAS NO.: MIXTURE  
Chemical Family: HYDROCARBON PROPELLANT UN/NA #: N/A  
DOT Hazard Class: CONSUMER COMMODITY, ORM-D DATE OF ISSUE: 11/06

**SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS**

Hazardous Ingredients:	CAS #	TLV/PEL	AGENCY	TYPE	SARA-313(% Range)
O-DICHLOROBENZENE *	4106-46-7	25 PPM	ACGIH	TWA	<60
METADICHLOROBENZENE	541-73-1	200 PPM	ACGIH	TWA	<5
ETYLENEGLYCOLMONOBUTYLEETHER	111-76-2	800 PPM	ACGIH	TWA	
NONYL PHENOXYPOLYETHANOL	49016-45-9	1000PPM	ACGIH	TWA	

\* CONTAINS CHEMICALS SUBJECT TO S.A.R.A., TITLE III, SECTION 313 REPORTING

**SECTION II - EMERGENCY AND FIRST AID PROCEDURES**

**WARNING: CONTENTS UNDER PRESSURE**

**EYE CONTACT:** Move person away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water and seek medical attention. For direct contact hold eyelids apart for at least 15 minutes. **Seek medical attention.**

**SKIN CONTACT:** Remove contaminated shoes and clothing and cleanse affected areas thoroughly by washing with mild soap and water. If irritation persists seek **medical attention.**

**INHALATION: (breathing)** Not expected to be a hazard under normal operating conditions.

**INGESTION: (swallowing)** If swallowed, **seek emergency medical attention.** Do not give anything by mouth to an unconscious person.

**SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY**

**EYE CONTACT:** One or more components of this material may be an eye irritant.

**SKIN CONTACT:** Continuous contact with this material may cause drying of skin. Chemical itself is an irritant or sensitizer.

**INHALATION: (breathing)** Prolonged inhalation may cause central nervous system depression.

**INGESTION: (swallowing)** Ingestion of large quantities may cause the following: Irritation of digestive tract, signs of nervous system depression, such as headache, drowsiness, dizziness, loss of coordination, fatigue, and nausea.

**SECTION IV - SPECIAL PROTECTION INFORMATION**

**VENTILATION:** If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits (see section I), additional ventilation or exhaust systems may be required.

**RESPIRATORY PROTECTION:** The use of respiratory protection is advised when concentrations exceed the established exposure limits (see Section I). Depending on the airborne concentration use a respirator or gas mask with appropriate cartridges or canisters (NIOSH approved) or supplied air.

**PROTECTIVE GLOVES:** The use of gloves impermeable to the specific material handled is advised to prevent possible irritation.

**EYE PROTECTION:** Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

**SECTION V - REACTIVITY DATA**

**STABILITY:** Stable

**INCOMPATIBILITY:** Strong oxidizing agents and alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide.

**HAZARDOUS POLYMERIZATION:** Will not occur

**SECTION VI - SPILL OR LEAK PROCEDURES**

**PRECAUTIONS IN CASE OF LEAK OR SPILL:** Keep all sources of ignition and hot metal surfaces away from spill/release. Avoid inhalation of concentrated vapors. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section IV). Spilled material may be absorbed by an appropriate absorbent

**WASTE DISPOSAL METHOD:** Dispose of product in accordance with local, county, state, and federal regulations.



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**MATERIAL SAFETY DATA SHEET**

**DGT WATER-SOLUBLE FOAMING DEGREASER**

**SECTION VII - STORAGE AND SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE PRECAUTIONS:** Do not get in eyes, skin or clothing. Do not breathe vapor mist or gas. Keep containers tightly closed, cool, dry, and away from all sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the prodnet. Use good personal hygiene practices. "Empty" containers contain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cnt, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and dcath. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Intentional misuse by concentrating and inhaling vapor contents can be harmful or fatal.

**SECTION VIII - FIRE AND EXPLOSION HAZARD DATA**

**EXTINGUISHING MEDIA:** Extinguish with water, eater fog, dry chemical, CO<sub>2</sub>, or a universal type foam.  
**FIRE AND EXPLOSION HAZARD:** May decompose during contact with flames, heating elements, or in combustion engines releasing irritating gases. Container may explode if heated in excess of 120 deg due to resulting pressure rise.  
**FIRE FIGHTING PROCEDURES:** Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section IV). Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame.

**SECTION IX - PHYSICAL DATA**

APPROXIMATE BOILING POINT (DEG F):	167	EVAPORATION RATE	<1
SPECIFIC GRAVITY (68 F):	.98	FLASH POINT (TCC, DEG F):	N/A
RELATIVE EVAPORATION RATE (ESTIMATED):	<1	PER CENT SOLUBILITY IN WATER:	100
VAPOR PRESSURE @70F	50 psi		

**SECTION X - OTHER REGULATORY DATA**

<b>SARA</b>	<b>SECTION 302:</b> NONE	<b>HMIS</b>	Health: 2
	<b>SECTION 311 &amp; 312:</b> CHRONIC, FIRE		Flammability: 2
	<b>SECTION 313:</b> See Section I.I		Reactivity: 0
<b>TSCA</b>	All components are in full compliaunce with the TSCA inventory.	<b>CALIFORNIA PROPOSITION 65</b>	CONTAINS LISTED PRODUCT
<b>RCRA</b>	Waste material would be a D002	<b>CERCLA</b>	DICHLOROBENZENE RQ: 100 LBS.

**CARCINOGENICITY:**  
 NOT LISTED with NTP or IARC.

**NOTICE**

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