



D.G.T.+PLUS SPRAY – 40-2010 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.+PLUS
Product Code	40-2010

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

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

Hazard Symbol



Signal word(s)

**DANGER**

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

**Other hazards**

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

Hazardous Ingredient(s)	% wt.*	CAS No.	Hazard classification
Citrus Terpenes	25 - 35	Trade Secret	Flam Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411
Nonylphenol ethoxylate	5 - 15	Trade Secret	Acute Tox. 4; H302, H332 Eye Dam. 1; H318 Skin Irrit. 2; H315 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
Water	45 - 55	7732-18-5	Not classified as dangerous for supply/use.
Propane	2 - 7	74-98-6	Flam. Gas 1; H220 Liquefied gas; H280
n-Butane	2 - 7	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 laboured, 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  
Additional Information**

None  
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	-----	-----	-----

#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)





## D.G.T.+PLUS SPRAY – 40-2010 SDS **UTILITY**

Respiratory protection



Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

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	Colourless
Odor	Citrus
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)	<20.5 @ 40 °C
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, Other

### SECTION 11: TOXICOLOGICAL INFORMATION

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

#### Information on toxicological effects

d-Limonene (CAS No. 5989-27-5) - By analogy with similar materials:

<b>Acute toxicity</b>	LD50(Oral): >5000 mg/kg bw (rat) LD50(Dermal): >2000 mg/kg bw (rabbit)
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**Irritation/Corrosivity**

Causes skin irritation.

**Sensitization**

Sensitizer. May cause an allergic skin reaction.

**Repeated dose toxicity**

Not available.

**Carcinogenicity**

It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	3	No.	No.	No.

**Mutagenicity**

Not to be expected

**Reproductive toxicity**

Not to be expected

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

d-Limonene (CAS No. 5989-27-5) - By analogy with similar materials:

Short term

LC50 (96 hour): 0.72 mg a.i./L (fish)

LC50 (48 hour): 0.36 mg a.i./L (Daphnia magna)

Long Term

NOEC (21 days): 0.27 mg/L (Daphnia magna)

**Persistence and degradability**

Readily biodegradable.

**Bioaccumulative potential**

Not available.

**Mobility in soil**

Not available.

**Results of PBT and vPvB assessment**

Not classified as PBT or vPvB.

**Other adverse effects**

None known.

## 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.

## 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:**



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☒ 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

### 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: March 31, 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.
- 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.
- 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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. UTILITY urges the customers receiving this Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheets. The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, UTILITY cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assumes any liability for its use.



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## MATERIAL SAFETY DATA SHEET

### DGT + PLUS 100% BIODEGRADABLE FOAMING DEGREASER & CLEANER

**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  
**Chemical Family:** HYDROCARBON PROPELLANT  
**DOT Hazard Class:** CONSUMER COMMODITY, ORM-D

**CAS NO.:** MIXTURE  
**UN/NA #:** N/A  
**DATE OF ISSUE:** 5/08

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

Hazardous Ingredients:	CAS #	TLV/PEL	AGENCY	TYPE	SARA-313(% Range)
ISOBUTANE	75-98-6	800 PPM	ACGIH	AIR	
PROPANE	74-98-6	1000 PPM	NIOSH	AIR	

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

**WARNING: CONTENTS UNDER PRESSURE**

**EYE CONTACT:** Move person away from exposure. Flush eyes with clean water 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)** Move person away from exposure to fresh air. Give artificial respiration if not breathing. Give oxygen if breathing is difficult. **Seek medical attention.**

**INGESTION: (swallowing)** If swallowed, do not induce vomiting. Do **not** give anything by mouth to an unconscious person. **Seek immediate emergency medical assistance.**

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

**EYE CONTACT:** Vapors may cause irritation with redness and pain. May cause eye damage.

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

**SKIN ABSORPTION:** Prolonged or repeated exposure will cause symptoms of toxicity.

**INHALATION: (breathing)** Vapors can cause irritation to the respiratory tract. Inhalation of high concentrations may cause unconsciousness and 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, 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 may be required.

**RESPIRATORY PROTECTION:** The use of respiratory protection is advised when concentrates exceed the established exposure limits (see Section I).

**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 **Flammable – keep away from heat, sparks or open flame.**

**INCOMPATIBILITY:** (materials to avoid) This product is incompatible with: *Oxidizing agents, strong acids and bases*

**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. Stay upwind and away from spill/release. Stop spill/release if it can be done without risk. 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. Do not flush to sewer.



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#### 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 product. Use good personal hygiene practices. Bond and ground equipment when transferring to another container. "Empty" containers contain residue (liquid and/or vapor) and can be dangerous. Do not puncture or incinerate, cut, 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 death. Empty cans should be completely drained. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

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

**EXTINGUISHING MEDIA:** Extinguish with dry chemical, CO<sub>2</sub>, or a universal type foam.

**FIRE AND EXPLOSION HAZARD:** Contents under pressure. May decompose during contact with flames, heating elements, or in combustion engines releasing irritating gases. Container may explode if heated 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. Avoid spreading burning liquid with water used for cooling purposes.

#### SECTION IX - PHYSICAL DATA

APPROXIMATE BOILING POINT (DEG F):	212	PER CENT VOLATILE:	30
SPECIFIC GRAVITY (68 F):	.90	FLASH POINT (TCC, DEG F):	117 PMCC
RELATIVE EVAPORATION RATE (ESTIMATED):	<1	PER CENT SOLUBILITY IN WATER:	COMPLETE
VAPOR PRESSURE @20C mmHg (CALCULATED):	35 PSIG		

#### SECTION X - OTHER REGULATORY DATA

##### SARA

SECTION 302: NONE  
SECTION 311 & 312: NONE  
SECTION 313: See Section I.I

##### TSCA

All components are in full compliance with the TSCA inventory.

##### RCRA

NOT REGULATED

##### HMIS

Health: 0  
Flammability: 1  
Reactivity: 0

##### CALIFORNIA PROPOSITION 65

NOT LISTED

##### CERCLA

NOT LISTED

##### CARCINOGENICITY:

NOT LISTED with NTP or IARC.

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40-2010