



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

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.

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
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 Extinguish with carbon dioxide, dry chemical, foam or waterspray.
-Unsuitable Extinguishing Media 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	-----	-----	-----

#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)





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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 x 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.
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Avoid contact with heat and ignition sources.
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.
Hazardous decomposition product(s)	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:

Acute toxicity	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>
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	2.1	2.1	2.1
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	None assigned	None assigned	None assigned
Special precautions for user	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

Date of preparation: 2018-01-21

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

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