

**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
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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. 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.
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
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. 95×10^4 (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.
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, 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:

Acute toxicity	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>
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:

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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