



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 |
|---------------------|--------------------------|

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

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

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