



ODOR KILL SPRAY 20-3510 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 | ODOR KILL SPRAY |
| Product Code | 20-3510 |

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

| | |
|------------------------|--|
| Identified Use(s) | Air Freshener / Deodorizer |
| 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; Asp. Tox. 1; Skin Irrit. 2

Label elements

Hazard Symbol



DANGER

Signal word(s)

Hazard Statement(s)

Flammable aerosol.

Contains gas under pressure; may explode if heated.

May be fatal if swallowed and enters airways.

Causes skin irritation.

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.

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

Avoid contact with skin and eyes.

Other hazards

Harmful to aquatic life.



ODOR KILL SPRAY 20-3510 SDS **UTILITY**

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredient(s) | % wt. * | CAS No. | Hazard classification |
|--------------------------------------|---------|-------------|---|
| Heptane, branched, cyclic and linear | 5 - 15 | 426260-76-6 | Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Acute 2; H401 Aquatic Chronic 3; H412 |
| Propane | 5 - 15 | 74-98-6 | Flam. Gas 1; H220 Liquefied gas; H280 |
| n-Butane | 5 - 15 | 106-97-8 | Flam. Gas 1; H220 Liquefied gas; H280 |
| Propylene glycol methyl ether | 1 - 2 | 107-98-2 | Flam. Liq. 3; H226 STOT SE 3; H336 |

Additional Information - None

* 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

Not normally required. Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.

Skin Contact

Not normally required. Wash affected skin with soap and water. If symptoms develop, obtain medical attention.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion

Do not give anything by mouth to an unconscious person. Seek medical treatment. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Aspiration of droplets may cause pulmonary oedema.

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 water spray. Do not use water jet.

Special hazards arising from the substance or mixture

None anticipated.

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.



ODOR KILL SPRAY 20-3510 SDS **UTILITY**

SECTION 6: ACCIDENTAL RELEASE MEASURES

| | |
|--|--|
| Personal precautions, protective equipment and emergency procedures | Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Wear protective gloves/eye protection/face protection. Avoid contact with skin and eyes. Avoid breathing spray. |
| Environmental precautions | Prevent liquid entering sewers, basements and work pits. |
| 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 | Avoid contact with skin and eyes. Avoid breathing spray. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. |
| Conditions for safe storage, including any incompatibilities | |
| -Storage temperature | Keep in a cool, 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 or oxidizing chemicals. Strong Acids and Alkalis. |
| Specific end use(s) | Air Freshener / Deodorizer |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

| SUBSTANCE. | CAS No. | (8hr TWA) | | (STEL) | | Note: |
|---------------------------------------|-------------|------------|------------------------|------------|-------------|------------|
| | | PEL (OSHA) | TLV (ACGIH) | PEL (OSHA) | TLV (ACGIH) | |
| Heptane, branched, cyclic, and linear | 426260-76-6 | 500 ppm* | 1500 mg/m ³ | ----- | ----- | *n-heptane |
| Propane | 74-98-6 | 1000 ppm | Aspyx.# | ----- | ----- | # |
| Propylene glycol methyl ether | 107-98-2 | ----- | 50 ppm | ----- | 100 ppm | ----- |
| 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), NIOSH 1400 (alcohols I); NIOSH 1401 (alcohols II); NIOSH 2554 (Glycol Ethers)

Exposure controls

Appropriate engineering controls

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

Personal protection equipment

Eye/face protection

Not normally required. Do not get in eyes.



Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.





ODOR KILL SPRAY 20-3510 SDS **UTILITY**

Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

Not normally required.

Environmental Exposure Controls

None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|--|--------------------------------|
| Appearance | Aerosol spray |
| Color. | Not available |
| Odor | Not available |
| 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) | 2.1% - 9.5% v/v (Propane) |
| Solubility (Water) | Not available |
| Solubility (Other) | Not available |
| Partition Coefficient (n-Octanol/water) | Not available |
| Auto Ignition Point (°C) | Not available |
| Decomposition Temperature (°C) | Not available |
| Kinematic Viscosity (cSt) | < 20.5 @ 40 °C |
| Explosive properties | Not available |
| Oxidizing properties | Not available |
| 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 | Strong oxidizing agents. Strong Acids and Alkalis. |
| Hazardous decomposition product(s)'' | Carbon monoxide, Carbon dioxide, Acrid smoke |

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Substances in preparations / mixtures

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

| | |
|-------------------------------|--|
| Acute toxicity | Oral: LD50 >5 g/kg-bw Dermal: LD50 >2 g/kg-bw Inhalation: LC50 = 65 - 103 mg/L (Vapor), 4-hr. rat May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. |
| Irritation/Corrosivity | Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation. |



ODOR KILL SPRAY 20-3510 SDS **UTILITY**

Sensitization

It is not a skin sensitizer.

Repeated dose toxicityNOAEC: 12350 mg/m³ (2 yr, inhal., rat, Systemic effects)
LOAEC: 1650 mg/m³ (2 hr, inhal., rat, CNS effects)
May cause drowsiness or dizziness.**Carcinogenicity**

No data. It is unlikely to present a carcinogenic hazard to man.

| NTP | IARC | ACGIH | OSHA | NIOSH |
|-----|------|-------|------|-------|
| No. | No. | No. | No. | No. |

Mutagenicity

There is no evidence of mutagenic potential.

Reproductive toxicity

Not available

Propane (CAS# 74-98-6):**Acute toxicity**

Inhalation: LC50 = 1237 mg/L (2-hr, mouse, gas)

Irritation/Corrosivity

No evidence of irritant effects from normal handling and use.

Sensitisation

It is not a skin sensitizer.

Repeated dose toxicityNOAEC: ≥19678 mg/m³ (28-day, rat, Systemic effects)
LOAEC: 21641 mg/m³ (28-day, rat, effects: Body weight)**Carcinogenicity**

No data. It is unlikely to present a carcinogenic hazard to man.

| NTP | IARC | ACGIH | OSHA | NIOSH |
|-----|------|-------|------|-------|
| No. | No. | No. | No. | No. |

Mutagenicity

There is no evidence of mutagenic potential.

Reproductive toxicity

None anticipated

SECTION 12: ECOLOGICAL INFORMATION

EcotoxicityHeptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Short term

LL50 (96 hour): >13.4 mg/L (*Oncorhynchus mykiss*)
EL50 (48 hour): 3 mg/l (*Daphnia magna*, mobility)
EC50 (96 hour): 13 mg/l (*Pseudokirchnerella subcapitata*)

Long Term

NOELR (28 days) 1.5 mg/l (*Fish*) QSAR
LOEC (21 days): 0.32 mg/l (*Daphnia magna*)
NOEL (96 hour) 6.3 mg/l (Algae)Propane (CAS# 74-98-6):

Short term (estimate)

LC50 (96 hour): 27.98 mg/L (fish)
LC50 (48 hour): 14.22 mg/L (crustacea)
EC50 (96 hour): 7.71 mg/L (algae)

Long Term

No data.

Persistence and degradability

Readily biodegradable.

Bioaccumulative potential

The product has no potential for bioaccumulation.

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 |



ODOR KILL SPRAY 20-3510 SDS **UTILITY**

| | | | |
|------------------------------|---------------------|---------------------|---------------------|
| 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) |
|---------------|---------|--------------|-------------|
| None | ---- | ---- | ---- |

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. |
|---------------|---------|--------------|
| None | ---- | ---- |

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 |
|---------------|---------|------------------|
| None | ---- | ---- |

SECTION 16: OTHER INFORMATION

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

Date of preparation: April 7, 2015

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

Hazard Statement(s)

- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapor.
- 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.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.
- H401: Toxic to aquatic life.
- H412: Harmful to aquatic life with long lasting effects.

Training advice: None.

Disclaimer

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ODOR KILL SPRAY 20-3510 SDS **UTILITY**

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