

SAFETY DATA SHEET

1. Product and Company Identification

| | | |
|--------------------------------------|---|-----------------|
| Product identifier | V-Belt Dressing (4086-03) | V-Belt Dressing |
| Other means of identification | Not available | |
| Recommended use | Belt dressing | Nu-Calgon |
| Recommended restrictions | None known. | |
| Manufacturer | Nu-Calgon 2008 Altom Court St. Louis, MO 63146 US Phone: 314-469-7000 / 800-554-5499 Emergency Phone: 1-800-424-9300 (CHEMTREC) | |

2. Hazards Identification

| | | |
|------------------------------|---|-----------------------------|
| Physical hazards | Flammable aerosols | Category 1 |
| | Gases under pressure | Liquefied gas |
| Health hazards | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2B |
| | Germ cell mutagenicity | Category 1B |
| | Reproductive toxicity (the unborn child) | Category 2 |
| | Specific target organ toxicity, single exposure | Category 3 narcotic effects |
| | Specific target organ toxicity, repeated exposure | Category 1 |
| | Aspiration hazard | Category 1 |
| Environmental hazards | Not classified. | |
| OSHA defined hazards | Not classified. | |

Label elements



Signal word Danger

Hazard statement

- Extremely flammable aerosol.
- Contains gas under pressure; may explode if heated.
- May be fatal if swallowed and enters airways.
- Causes skin irritation.
- Causes eye irritation.
- May cause drowsiness or dizziness.
- May cause genetic defects.
- Suspected of damaging the unborn child.
- Causes damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe gas. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

Response

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Specific treatment (see this label). Take off contaminated clothing and wash it before reuse.

If in eyes: 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.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

If exposed or concerned: Get medical advice/attention.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep container tightly closed. Store locked up. Store in a well-ventilated place.

| | |
|--|---|
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Hazard(s) not otherwise classified (HNOC) | None known. |
| Supplemental information | Not applicable. |

3. Composition/Information on Ingredients

| Mixture | | | |
|---|---------------------------------|-------------------|----------|
| Chemical name | Common name and synonyms | CAS number | % |
| Heptane | | 142-82-5 | 30-60 |
| Heptane, Branched, Cyclic And Linear | | 426260-76-6 | 30-60 |
| Butane | | 106-97-8 | 10-30 |
| Naphtha (petroleum), hydrotreated light | | 64742-49-0 | 10-30 |
| Stoddard solvent | | 8052-41-3 | 10-30 |
| Propane | | 74-98-6 | 3-7 |
| Toluene | | 108-88-3 | 0.5-1.5 |

Composition comments US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

4. First Aid Measures

| | |
|---|---|
| Inhalation | If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. |
| Skin contact | If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Specific treatment (see product label). |
| Eye contact | If in eyes: 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 | If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. |
| Most important symptoms/effects, acute and delayed | Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause drowsiness or dizziness. May cause redness and pain. Prolonged exposure may cause chronic effects. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| General information | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children. Do not puncture or incinerate container. Do not store at temperatures above 49°C. Keep away from sources of ignition. No smoking. |

5. Fire Fighting Measures

| | |
|--|---|
| Suitable extinguishing media | Powder. Foam. Carbon dioxide (CO2). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out. Firefighters should wear a self-contained breathing apparatus. |
| Special protective equipment and precautions for firefighters | Firefighters should wear full protective clothing including self contained breathing apparatus. |
| Fire-fighting equipment/instructions | In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes. |
| General fire hazards | Extremely flammable aerosol. |
| Hazardous combustion products | May include and are not limited to: Oxides of nitrogen. Oxides of carbon. |
| Explosion data | |
| Sensitivity to mechanical impact | Not available. |

Sensitivity to static discharge

Not available.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing gas. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. Handling and Storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not re-use empty containers. Use only with adequate ventilation. Do not breathe gas. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use personal protective equipment as required. Wash thoroughly after handling. Keep container tightly closed. Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.

8. Exposure Controls/Personal Protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value |
|----------------------------------|------|------------------------|
| Heptane (CAS 142-82-5) | PEL | 2000 mg/m3 500 ppm |
| Propane (CAS 74-98-6) | PEL | 1800 mg/m3 1000 ppm |
| Stoddard solvent (CAS 8052-41-3) | PEL | 2900 mg/m3 500 ppm |

US. OSHA Table Z-2 (29 CFR 1910.1000)

| Components | Type | Value |
|------------------------|---------|---------|
| Toluene (CAS 108-88-3) | Ceiling | 300 ppm |
| | TWA | 200 ppm |

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|----------------------------------|------|----------|
| Butane (CAS 106-97-8) | STEL | 1000 ppm |
| Heptane (CAS 142-82-5) | STEL | 500 ppm |
| | TWA | 400 ppm |
| Stoddard solvent (CAS 8052-41-3) | TWA | 100 ppm |
| Toluene (CAS 108-88-3) | TWA | 20 ppm |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|-----------------------|------|------------|
| Butane (CAS 106-97-8) | TWA | 1900 mg/m3 |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|----------------------------------|---------|------------------------|
| Heptane (CAS 142-82-5) | Ceiling | 800 ppm |
| | | 1800 mg/m ³ |
| | TWA | 440 ppm |
| Propane (CAS 74-98-6) | TWA | 350 mg/m ³ |
| | | 85 ppm |
| | Ceiling | 1800 mg/m ³ |
| Stoddard solvent (CAS 8052-41-3) | Ceiling | 1000 ppm |
| | | 1800 mg/m ³ |
| | TWA | 350 mg/m ³ |
| Toluene (CAS 108-88-3) | STEL | 560 mg/m ³ |
| | | 150 ppm |
| | TWA | 375 mg/m ³ |
| | | 100 ppm |

Biological limit values

ACGIH Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sampling Time |
|------------------------|-----------|---------------------------|---------------------|---------------|
| Toluene (CAS 108-88-3) | 0.3 mg/g | o-Cresol, with hydrolysis | Creatinine in urine | * |
| | 0.03 mg/l | Toluene | Urine | * |
| | 0.02 mg/l | Toluene | Blood | * |

* - For sampling details, please see the source document.

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection

Chemical goggles are recommended.

Skin protection

Hand protection

Rubber gloves. Confirm with a reputable supplier first.

Other

Wear appropriate chemical resistant clothing. As required by employer code.

Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Thermal hazards

Not applicable.

General hygiene considerations

When using, do not eat, drink or smoke. Wash hands and face before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

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|---|---------------------------------|
| Appearance | Clear |
| Physical state | Gas. |
| Form | Aerosol |
| Color | Colorless to Amber |
| Odor | Solvent |
| Odor threshold | Not available. |
| pH | Not available. |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Pour point | Not available. |
| Specific gravity | 0.734 g/mL |
| Partition coefficient (n-octanol/water) | Not available. |
| Flash point | 15.8 °F (-9.0 °C) (Concentrate) |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |

| | |
|---|---|
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | Not available. |
| Vapor density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | < 20.5 mm ² /s @ 40°C |
| Other information | |
| Flame extension | > 45 cm |
| Flammability (flash back) | Yes |
| Heat of combustion | 46.6 kJ/g |
| VOC (Weight %) | 88.8 % w/w (US Federal, CARB/OTC/LADCO) |

10. Stability and Reactivity

| | |
|---|--|
| Reactivity | This product may react with oxidizing agents. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Chemical stability | Stable under recommended storage conditions. |
| Conditions to avoid | Avoid temperatures exceeding the flash point. Do not mix with other chemicals. |
| Incompatible materials | Strong oxidizing agents. Amines. Soft metals. |
| Hazardous decomposition products | May include and are not limited to: Oxides of nitrogen. Oxides of carbon. |

11. Toxicological Information

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|---|--|
| Routes of exposure | Eye, Skin contact, Inhalation, Ingestion. |
| Information on likely routes of exposure | |
| Ingestion | May be fatal if swallowed and enters airways. |
| Inhalation | May be fatal if swallowed and enters airways. Prolonged inhalation may be harmful. May cause damage to organs by inhalation. Narcotic effects. |
| Skin contact | Causes skin irritation. |
| Eye contact | Causes eye irritation. |
| Symptoms related to the physical, chemical and toxicological characteristics | Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. |

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways. Narcotic effects.

| Components | Species | Test Results |
|-----------------------|----------------|---------------------|
| Butane (CAS 106-97-8) | | |
| Acute | | |
| <i>Inhalation</i> | | |
| LC50 | Mouse | 680 mg/l, 2 Hours |
| | Rat | 276000 ppm, 4 Hours |
| | | 658 mg/l/4h |
| <i>Oral</i> | | |
| LD50 | Not available | |

| Components | Species | Test Results |
|--|---------------|---|
| Heptane (CAS 142-82-5) | | |
| Acute | | |
| <i>Inhalation</i> | | |
| LC50 | Rat | 103 mg/l, 4 Hours |
| LD50 | Mouse | 75 mg/l, 2 Hours |
| <i>Oral</i> | | |
| LD50 | Rat | 15000 mg/kg |
| Heptane, Branched, Cyclic And Linear (CAS 426260-76-6) | | |
| Acute | | |
| <i>Inhalation</i> | | |
| LC50 | Not available | |
| <i>Oral</i> | | |
| LD50 | Not available | |
| Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | 3160 mg/kg |
| <i>Inhalation</i> | | |
| LC50 | Rat | 20 ppm 20 mg/l/4h |
| <i>Oral</i> | | |
| LD50 | Rat | 5000 mg/kg |
| Propane (CAS 74-98-6) | | |
| Acute | | |
| <i>Inhalation</i> | | |
| LC50 | Rat | > 1442.8 mg/l, 15 Minutes |
| <i>Oral</i> | | |
| LD50 | Not available | |
| Stoddard solvent (CAS 8052-41-3) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | > 3000 mg/kg |
| <i>Inhalation</i> | | |
| LC50 | Rat | > 5500 mg/m ³ |
| <i>Oral</i> | | |
| LD50 | Rat | > 5000 mg/kg |
| Toluene (CAS 108-88-3) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | 12196 mg/kg 12125 mg/kg 8390 mg/kg 14.1 ml/kg |
| <i>Inhalation</i> | | |
| LC50 | Mouse | 7100 mg/l, 4 Hours 5320 ppm, 8 Hours 400 ppm, 24 Hours |
| | Rat | 26700 ppm, 1 Hours <= 28800 mg/m ³ , 4 Hours 12200 ppm, 2 Hours 8000 ppm, 4 Hours 12.5 mg/l/4h |

| Components | Species | Test Results |
|---|--|--|
| Oral LD50 | Rat | > 5580 mg/kg 636 mg/kg |
| Skin corrosion/irritation | Causes skin irritation. | |
| Exposure minutes | Not available. | |
| Erythema value | Not available. | |
| Oedema value | Not available. | |
| Serious eye damage/eye irritation | Causes eye irritation. | |
| Corneal opacity value | Not available. | |
| Iris lesion value | Not available. | |
| Conjunctival reddening value | Not available. | |
| Conjunctival oedema value | Not available. | |
| Recover days | Not available. | |
| Respiratory or skin sensitization | | |
| Respiratory sensitization | Not available. | |
| Skin sensitization | Prolonged or repeated exposure can cause drying, defatting and dermatitis. | |
| Germ cell mutagenicity | May cause genetic defects. | |
| Mutagenicity | May cause genetic defects. | |
| Carcinogenicity | Contains < 3% (w/w) DMSO-extract | |
| ACGIH Carcinogens | | |
| Toluene (CAS 108-88-3) | | A4 Not classifiable as a human carcinogen. |
| IARC Monographs. Overall Evaluation of Carcinogenicity | | |
| Stoddard solvent (CAS 8052-41-3) | | Volume 47 - 3 Not classifiable as to carcinogenicity to humans. |
| Toluene (CAS 108-88-3) | | Volume 47, Volume 71 - 3 Not classifiable as to carcinogenicity to humans. |
| US - California Proposition 65 - CRT: Listed date/Carcinogenic substance | | |
| Benzene (CAS 71-43-2) | | Carcinogenic. |
| Benzene, ethyl- (CAS 100-41-4) | | Carcinogenic. |
| Naphthalene (CAS 91-20-3) | | Carcinogenic. |
| Reproductive toxicity | Suspected of damaging the unborn child. | |
| Teratogenicity | Toluene (benzene, methyl-) has caused fetotoxicity (reduced fetal weight), behavioural effects (effects on learning and memory) and hearing loss (in males). These effects have been observed in the offspring of rats exposed by inhalation to 1200 or 1800 ppm toluene. These effects were observed in the absence of maternal toxicity. | |
| Specific target organ toxicity - single exposure | Narcotic effects. | |
| Specific target organ toxicity - repeated exposure | Causes damage to organs through prolonged or repeated exposure. | |
| Aspiration hazard | May be fatal if swallowed and enters airways. | |
| Chronic effects | Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure. | |
| Further information | Not available. | |
| Name of Toxicologically Synergistic Products | Not available. | |

12. Ecological Information

| Ecotoxicity | See below | Species | Test Results |
|------------------------|-----------|---|--------------------|
| Components | | | |
| Heptane (CAS 142-82-5) | | | |
| Aquatic | | | |
| Fish | LC50 | Mozambique tilapia (Tilapia mossambica) | 375 mg/l, 96 hours |
| Toluene (CAS 108-88-3) | | | |
| Algae | IC50 | Algae | 433 mg/L, 72 Hours |

| Components | | Species | Test Results |
|--------------------------------------|---|--|----------------------------|
| Crustacea | EC50 | Daphnia | 7.645 mg/L, 48 Hours |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 5.46 - 9.83 mg/l, 48 hours |
| Fish | LC50 | Coho salmon, silver salmon (Oncorhynchus kisutch) | 8.11 mg/l, 96 hours |
| Persistence and degradability | No data is available on the degradability of this product. | | |
| Bioaccumulative potential | No data available. | | |
| Mobility in soil | No data available. | | |
| Mobility in general | Not available. | | |
| Other adverse effects | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. | | |

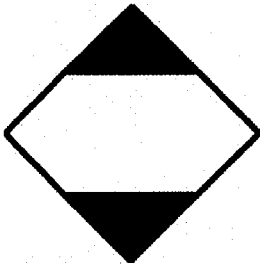
13. Disposal Considerations

| | |
|--|---|
| Disposal instructions | Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Local disposal regulations | Dispose in accordance with all applicable regulations. |
| Hazardous waste code | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| US RCRA Hazardous Waste U List: Reference | |
| Toluene (CAS 108-88-3) | U220 |
| Waste from residues / unused products | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers. |

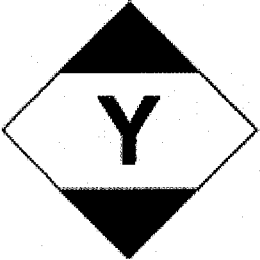
14. Transport Information

| | |
|---|---|
| General | Canada: TDG Proof of Classification: In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue. If applicable, the technical name and the classification of the product will appear below. |
| U.S. Department of Transportation (DOT) | |
| Basic shipping requirements: | |
| UN number | UN1950 |
| Proper shipping name | Aerosols, flammable, (each not exceeding 1 L capacity) |
| Hazard class | Limited Quantity - US |
| Special provisions | N82 |
| Packaging exceptions | 306 |
| Transportation of Dangerous Goods (TDG - Canada) | |
| Basic shipping requirements: | |
| UN number | UN1950 |
| Proper shipping name | AEROSOLS, flammable |
| Hazard class | Limited Quantity - Canada |
| Special provisions | 80, 107 |
| IATA/ICAO (Air) | |
| Basic shipping requirements: | |
| UN number | UN1950 |
| Proper shipping name | Aerosols, flammable |
| Hazard class | Limited Quantity - IATA |
| IMDG (Marine Transport) | |
| Basic shipping requirements: | |
| UN number | UN1950 |
| Proper shipping name | AEROSOLS |
| Hazard class | Limited Quantity - IMDG |

DOT; IMDG; TDG



IATA



15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Canada DSL Challenge Substances: Listed substance

Butane (CAS 106-97-8) Listed.

Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number

| | |
|----------------------------------|----------|
| Butane (CAS 106-97-8) | 1 TONNES |
| Heptane (CAS 142-82-5) | 1 TONNES |
| Propane (CAS 74-98-6) | 1 TONNES |
| Stoddard solvent (CAS 8052-41-3) | 1 TONNES |
| Toluene (CAS 108-88-3) | 1 TONNES |

Canada WHMIS Ingredient Disclosure: Threshold limits

| | |
|----------------------------------|-----|
| Butane (CAS 106-97-8) | 1 % |
| Heptane (CAS 142-82-5) | 1 % |
| Stoddard solvent (CAS 8052-41-3) | 1 % |
| Toluene (CAS 108-88-3) | 1 % |

WHMIS status Controlled

WHMIS classification Class A - Compressed Gas, Class B - Division 5 - Flammable Aerosol, Class D - Division 2A, 2B

WHMIS labeling



US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

Toluene (CAS 108-88-3) 1.0 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

Toluene (CAS 108-88-3) Listed.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

US CWA Section 311 Hazardous Substances: Listed substance

Toluene (CAS 108-88-3) Listed.

US CWA Section 307(a)(1) Toxic Pollutants: Listed substance

Toluene (CAS 108-88-3) Listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

| | |
|------------------------|---------|
| Butane (CAS 106-97-8) | Listed. |
| Heptane (CAS 142-82-5) | Listed. |
| Propane (CAS 74-98-6) | Listed. |
| Toluene (CAS 108-88-3) | Listed. |

US CAA Section 111 Volatile Organic Compounds: Listed substance

Toluene (CAS 108-88-3) Listed.

US CAA Section 112(r) Accidental Release Prevention - Regulated Flammable Substance: Listed substance

Butane (CAS 106-97-8) Regulated flammable substance.

Propane (CAS 74-98-6) Regulated flammable substance.

US CAA Section 112(r) Accidental Release Prevention: Threshold quantity

Butane (CAS 106-97-8) 10000 LBS

Propane (CAS 74-98-6) 10000 LBS

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Butane (CAS 106-97-8) Listed.

Propane (CAS 74-98-6) Listed.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Toluene (CAS 108-88-3) Listed.

US CAA Section 612 SNAP Program: Listed substance

Butane (CAS 106-97-8) Listed.

Propane (CAS 74-98-6) Listed.

Stoddard solvent (CAS 8052-41-3) Listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No

SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Not regulated.

US state regulations

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Hazardous Substances (Director's): Listed substance

Butane (CAS 106-97-8) Listed.

Heptane (CAS 142-82-5) Listed.

Stoddard solvent (CAS 8052-41-3) Listed.

Toluene (CAS 108-88-3) Listed.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Benzene (CAS 71-43-2) Listed.

Benzene, ethyl- (CAS 100-41-4) Listed.

Naphthalene (CAS 91-20-3) Listed.

Toluene (CAS 108-88-3) Listed.

US - Illinois Chemical Safety Act: Listed substance

Butane (CAS 106-97-8) Listed.

Heptane (CAS 142-82-5) Listed.

Propane (CAS 74-98-6) Listed.

Toluene (CAS 108-88-3) Listed.

US - Louisiana Spill Reporting: Listed substance

Butane (CAS 106-97-8) Listed.

Heptane (CAS 142-82-5) Listed.

Propane (CAS 74-98-6) Listed.

Toluene (CAS 108-88-3) Listed.

US - Michigan Critical Materials Register: Parameter number

Toluene (CAS 108-88-3) 00108-88-3 Listed.

US - Minnesota Haz Subs: Listed substance

Butane (CAS 106-97-8) Listed.

Heptane (CAS 142-82-5) Listed.

Propane (CAS 74-98-6) Listed.

Stoddard solvent (CAS 8052-41-3) Listed.

Toluene (CAS 108-88-3) Listed.

US - New Jersey RTK - Substances: Listed substance

Butane (CAS 106-97-8) Listed.
 Heptane (CAS 142-82-5) Listed.
 Propane (CAS 74-98-6) Listed.
 Stoddard solvent (CAS 8052-41-3) Listed.
 Toluene (CAS 108-88-3) Listed.

US - New York Release Reporting: Hazardous Substances: Listed substance

Toluene (CAS 108-88-3) Listed.

US - North Carolina Toxic Air Pollutants: Listed substance

Toluene (CAS 108-88-3) Listed.

US - Texas Effects Screening Levels: Listed substance

Butane (CAS 106-97-8) Listed.
 Heptane (CAS 142-82-5) Listed.
 Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) Listed.
 Propane (CAS 74-98-6) Listed.
 Stoddard solvent (CAS 8052-41-3) Listed.
 Toluene (CAS 108-88-3) Listed.

US - Washington Chemical of High Concern to Children: Listed substance

Toluene (CAS 108-88-3) Listed.

US. Massachusetts RTK - Substance List

Butane (CAS 106-97-8) Listed.
 Heptane (CAS 142-82-5) Listed.
 Propane (CAS 74-98-6) Listed.
 Stoddard solvent (CAS 8052-41-3) Listed.
 Toluene (CAS 108-88-3) Listed.

US. Pennsylvania RTK - Hazardous Substances

Butane (CAS 106-97-8) Listed.
 Heptane (CAS 142-82-5) Listed.
 Propane (CAS 74-98-6) Listed.
 Stoddard solvent (CAS 8052-41-3) Listed.
 Toluene (CAS 108-88-3) Listed.

US. Rhode Island RTK

Butane (CAS 106-97-8) Listed.
 Propane (CAS 74-98-6) Listed.
 Toluene (CAS 108-88-3) Listed.

Inventory status

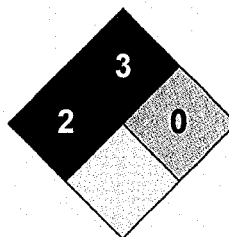
| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

| LEGEND | |
|----------|---|
| Severe | 4 |
| Serious | 3 |
| Moderate | 2 |
| Slight | 1 |
| Minimal | 0 |

| | |
|---------------------|-----|
| HEALTH | * 2 |
| FLAMMABILITY | 3 |
| PERSONAL PROTECTION | X |

**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Further information

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Prepared by

Nu-Calgon Technical Service Phone: (314) 469-7000

Other information

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.