

# SAFETY DATA SHEET

## 1. Identification

Product number BP10555  
 Product identifier AstroChem™ Silicone Detailer  
 Company information Bullseye Products, LLC  
 3595 Polaris Ave  
 Company phone  
 Emergency telephone US Las Vegas, Nevada 89103  
 Emergency telephone outside US General Assistance 302-231-2624  
 1-866-836-8855  
 Version # 1-952-852-4646  
 Recommended use  
 Recommended restrictions 01

## 2. Hazard(s) identification

Lubricant  
 None known.  
 Physical hazards Category 1  
 Health hazards Category 2  
 Flammable aerosols Category 1B  
 Skin corrosion/irritation Category 1B  
 Germ cell mutagenicity Category 2  
 Carcinogenicity Category 2  
 Reproductive toxicity (fertility) Category 1  
 Environmental hazards Specific target organ toxicity, repeated exposure Category 2  
 Aspiration hazard Category 2  
 Hazardous to the aquatic environment, acute hazard  
 OSHA defined hazards Hazardous to the aquatic environment, long-term hazard  
 Label elements



Signal word Danger  
 Hazard statement Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause genetic defects. May cause cancer. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure.

### Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Do not breathe gas. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                            | Common name and synonyms | CAS number | %        |
|------------------------------------------|--------------------------|------------|----------|
| Butane                                   |                          | 106-97-8   | 20 - 40  |
| Naphtha (petroleum), hydrotreated light  |                          | 64742-49-0 | 20 - 40  |
| n-Hexane                                 |                          | 110-54-3   | 10 - 20  |
| Propane                                  |                          | 74-98-6    | 10 - 20  |
| Cyclohexane                              |                          | 110-82-7   | 0.1 - 1  |
| Other components below reportable levels |                          |            | 2.5 - 10 |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

|                                                                        |                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation                                                             | If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.                                                                                                                                                |
| Skin contact                                                           | Remove contaminated clothing. Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice/attention.                                                                                                          |
| Eye contact                                                            | Rinse with water. Get medical attention if irritation develops and persists.                                                                                                                                                            |
| Ingestion                                                              | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis. |
| Most important symptoms/effects, acute and delayed                     | Irritant effects. 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. Wash contaminated clothing before reuse.                        |

### 5. Fire-fighting measures

|                                                               |                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media                                  | Powder. Water. Foam. Carbon dioxide (CO <sub>2</sub> ).                                                                                                                                                                                                                                                                 |
| Unsuitable extinguishing media                                | None known.                                                                                                                                                                                                                                                                                                             |
| Specific hazards arising from the chemical                    | Contents under pressure. Pressurized container may explode when exposed to heat or flame.                                                                                                                                                                                                                               |
| Special protective equipment and precautions for firefighters | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.                                                                                                                                                        |
| Fire-fighting equipment/instructions                          | Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. 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 container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes.                     |
| General fire hazards                                          | Extremely flammable aerosol.                                                                                                                                                                                                                                                                                            |

### 6. Accidental release measures

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. 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. 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. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. 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. 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. All equipment used when handling the product must be grounded. Ground and bond containers when transferring material. Do not re-use empty containers. Do not breathe gas. Avoid contact with skin. Avoid contact with eyes. Avoid contact during pregnancy/while nursing. Use only in well-ventilated areas. Use personal protective equipment as required. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Do not empty into drains.

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. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Level 3 Aerosol.

## 8. Exposure controls/personal protection

Occupational exposure limits

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

| Components                 | Type | Value                             |
|----------------------------|------|-----------------------------------|
| Cyclohexane (CAS 110-82-7) | PEL  | 1050 mg/m3                        |
| n-Hexane (CAS 110-54-3)    | PEL  | 300 ppm<br>1800 mg/m3             |
| Propane (CAS 74-98-6)      | PEL  | 500 ppm<br>1800 mg/m3<br>1000 ppm |

US. ACGIH Threshold Limit Values

| Components                 | Type | Value    |
|----------------------------|------|----------|
| Butane (CAS 106-97-8)      | STEL | 1000 ppm |
| Cyclohexane (CAS 110-82-7) | TWA  | 100 ppm  |
| n-Hexane (CAS 110-54-3)    | TWA  | 50 ppm   |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components                 | Type | Value                  |
|----------------------------|------|------------------------|
| Butane (CAS 106-97-8)      | TWA  | 1900 mg/m3<br>800 ppm  |
| Cyclohexane (CAS 110-82-7) | TWA  | 1050 mg/m3<br>300 ppm  |
| n-Hexane (CAS 110-54-3)    | TWA  | 180 mg/m3<br>50 ppm    |
| Propane (CAS 74-98-6)      | TWA  | 1800 mg/m3<br>1000 ppm |

## Biological limit values

ACGIH Biological Exposure Indices  
Components Value

n-Hexane (CAS 110-54-3) 0.4 mg/l

Determinant

2,5-Hexanedio  
n, without  
hydrolysis

Specimen

Urine

Sampling Time

\*

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

## Exposure guidelines

US - California OELs: Skin designation

n-Hexane (CAS 110-54-3)

Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

n-Hexane (CAS 110-54-3)

Can be absorbed through the skin.

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

Wear eye/face protection. Wear safety glasses with side shields (or goggles).

Hand protection

Wear protective gloves.

Skin protection

Other

Wear appropriate chemical resistant clothing.

Respiratory protection

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

Appearance

Clear.

Physical state

Liquid.

Form

Aerosol.

Color

Colorless.

Odor

Not available.

Odor threshold

Not available.

pH

Not available.

Melting point/freezing point

Not available.

Initial boiling point and boiling range

8.82 °F (-12.88 °C) estimated

Flash point

-156.0 °F (-104.4 °C) Propellant estimated

Evaporation rate

Not available.

Flammability (solid, gas)

Not available.

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

40 - 50 psig @70F estimated

Vapor density

Not available.

Relative density

0.636 g/cm3 estimated

Solubility(ies)

Solubility (water)

Not available.

|                                         |                                  |
|-----------------------------------------|----------------------------------|
| Partition coefficient (n-octanol/water) | Not available.                   |
| Auto-ignition temperature               | 496.4 °F (258 °C) estimated      |
| Decomposition temperature               | Not available.                   |
| Viscosity                               | Not available.                   |
| Other information                       |                                  |
| Density                                 | 0.31 g/cm <sup>3</sup> estimated |
| Flammability class                      | Flammable IA estimated           |
| Heat of combustion                      | 38.72 kJ/g estimated             |
| Heat of combustion (NFPA 30B)           | 38.72 kJ/g estimated             |
| Percent volatile                        | 91 % estimated                   |
| Specific gravity                        | 0.636 estimated                  |
| VOC (Weight %)                          | 91 % estimated                   |

## 10. Stability and reactivity

|                                    |                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------|
| Reactivity                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability                 | Material is stable under normal conditions.                                                   |
| Possibility of hazardous reactions | Hazardous polymerization does not occur.                                                      |
| Conditions to avoid                | Avoid temperatures exceeding the flash point.                                                 |
| Incompatible materials             | Strong oxidizing agents. Fluorine. Chlorine. Nitrates.                                        |
| Hazardous decomposition products   | No hazardous decomposition products are known.                                                |

## 11. Toxicological information

### Information on likely routes of exposure

|              |                                                                                         |
|--------------|-----------------------------------------------------------------------------------------|
| Ingestion    | May be fatal if swallowed and enters airways.                                           |
| Inhalation   | May be fatal if swallowed and enters airways. May cause damage to organs by inhalation. |
| Skin contact | Causes skin irritation.                                                                 |
| Eye contact  | Direct contact with eyes may cause temporary irritation.                                |

Symptoms related to the physical, chemical and toxicological characteristics  
Irritant effects.

### Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways.

| Components                 | Species | Test Results                                               |
|----------------------------|---------|------------------------------------------------------------|
| Butane (CAS 106-97-8)      |         |                                                            |
| Acute Inhalation LC50      | Mouse   | 1237 mg/l, 120 Minutes<br>52 %, 120 Minutes                |
|                            | Rat     | 1355 mg/l                                                  |
| Cyclohexane (CAS 110-82-7) |         |                                                            |
| Acute Dermal LD50          | Rabbit  | > 2000 mg/kg                                               |
| Inhalation LC50            | Rat     | > 32880 mg/m <sup>3</sup> , 4 Hours<br>> 5540 ppm, 4 Hours |

| Components                                               | Species            | Test Results           |
|----------------------------------------------------------|--------------------|------------------------|
| Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) |                    |                        |
| Acute                                                    |                    |                        |
| Dermal                                                   |                    |                        |
| LD50                                                     | Guinea pig; Rabbit | > 9.4 ml/kg, 24 Hours  |
|                                                          | Rabbit             | > 1900 mg/kg, 24 Hours |
| Inhalation                                               |                    |                        |
| LC50                                                     | Rat                | > 5020 mg/m3, 4 Hours  |
|                                                          |                    | > 4980 mg/m3           |
|                                                          |                    | > 4980 mg/m3, 4 Hours  |
|                                                          |                    | > 4.96 mg/l, 4 Hours   |
|                                                          |                    | 13700 ppm, 4 Hours     |
| Oral                                                     |                    |                        |
| LD50                                                     | Rat                | 4820 mg/kg             |
| n-Hexane (CAS 110-54-3)                                  |                    |                        |
| Acute                                                    |                    |                        |
| Dermal                                                   |                    |                        |
| LD50                                                     | Rabbit             | > 2000 mg/kg, 4 Hours  |
|                                                          |                    | > 5 ml/kg, 4 Hours     |
| Inhalation                                               |                    |                        |
| LC50                                                     | Rat                | > 5000 ppm, 24 Hours   |
|                                                          |                    | > 31.86 mg/l           |
|                                                          |                    | 73860 ppm, 4 Hours     |
| Oral                                                     |                    |                        |
| LD50                                                     | Rat                | 24 ml/kg               |
|                                                          |                    | 24 g/kg                |
|                                                          | Wistar rat         | 49 g/kg                |
| Propane (CAS 74-98-6)                                    |                    |                        |
| Acute                                                    |                    |                        |
| Inhalation                                               |                    |                        |
| LC50                                                     | Mouse              | 1237 mg/l, 120 Minutes |
|                                                          |                    | 52 %, 120 Minutes      |
|                                                          | Rat                | 1355 mg/l              |
|                                                          |                    | 658 mg/l/4h            |

\* Estimates for product may be based on additional component data not shown.

|                                                                |                                                                                                                                                       |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin corrosion/irritation                                      | Causes skin irritation.                                                                                                                               |
| Serious eye damage/eye irritation                              | Direct contact with eyes may cause temporary irritation.                                                                                              |
| Respiratory or skin sensitization                              |                                                                                                                                                       |
| Respiratory sensitization                                      | Not available.                                                                                                                                        |
| Skin sensitization                                             | This product is not expected to cause skin sensitization.                                                                                             |
| Germ cell mutagenicity                                         | May cause genetic defects.                                                                                                                            |
| Carcinogenicity                                                | May cause cancer.                                                                                                                                     |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) |                                                                                                                                                       |
| Not listed.                                                    |                                                                                                                                                       |
| Reproductive toxicity                                          | Suspected of damaging fertility.                                                                                                                      |
| Specific target organ toxicity - single exposure               | Not classified.                                                                                                                                       |
| Specific target organ toxicity - repeated exposure             | Respiratory system. Skin. Central nervous system. Eyes. Peripheral nervous system. May cause damage to organs through prolonged or repeated exposure. |

Aspiration hazard May be fatal if swallowed and enters airways.  
 Chronic effects May cause damage to organs through prolonged or repeated exposure.

## 12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

| Components                 | Species | Test Results                                                               |
|----------------------------|---------|----------------------------------------------------------------------------|
| Cyclohexane (CAS 110-82-7) |         |                                                                            |
| Aquatic                    |         |                                                                            |
| Fish                       | LC50    | Fathead minnow ( <i>Pimephales promelas</i> ) 23.03 - 42.07 mg/l, 96 hours |
| n-Hexane (CAS 110-54-3)    |         |                                                                            |
| Aquatic                    |         |                                                                            |
| Fish                       | LC50    | Fathead minnow ( <i>Pimephales promelas</i> ) 2.101 - 2.981 mg/l, 96 hours |

\* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Partition coefficient n-octanol / water (log Kow)

|             |      |
|-------------|------|
| Butane      | 2.89 |
| Cyclohexane | 3.44 |
| n-Hexane    | 3.9  |
| Propane     | 2.36 |

Mobility in soil No data 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 Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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

Cyclohexane (CAS 110-82-7) U056

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

DOT

|                              |                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| UN number                    | UN1950                                                                                                                                          |
| UN proper shipping name      | Aerosols, flammable                                                                                                                             |
| Transport hazard class(es)   |                                                                                                                                                 |
| Class                        | 2.1                                                                                                                                             |
| Subsidiary risk              | -                                                                                                                                               |
| Label(s)                     | None                                                                                                                                            |
| Packing group                | Not applicable.                                                                                                                                 |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions           | N82                                                                                                                                             |
| Packaging exceptions         | 306                                                                                                                                             |
| Packaging non bulk           | None                                                                                                                                            |
| Packaging bulk               | None                                                                                                                                            |

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

|                              |                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| UN number                    | UN1950                                                                                                                                          |
| UN proper shipping name      | Aerosols, flammable                                                                                                                             |
| Transport hazard class(es)   |                                                                                                                                                 |
| Class                        | 2.1                                                                                                                                             |
| Subsidiary risk              | -                                                                                                                                               |
| Label(s) Packing             | 2.1                                                                                                                                             |
| group Environmental          | Not applicable.                                                                                                                                 |
| hazards ERG Code             | Yes                                                                                                                                             |
|                              | 10L                                                                                                                                             |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |
| Other information            |                                                                                                                                                 |
| Passenger and cargo aircraft | Allowed.                                                                                                                                        |
| Cargo aircraft only          | Allowed.                                                                                                                                        |
| Packaging Exceptions         | LTD QTY                                                                                                                                         |

IMDG

|                                                                          |                                                                                                                                                 |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| UN number                                                                | UN1950                                                                                                                                          |
| UN proper shipping name                                                  | AEROSOLS                                                                                                                                        |
| Transport hazard class(es)                                               |                                                                                                                                                 |
| Class                                                                    | 2.1                                                                                                                                             |
| Subsidiary risk                                                          | -                                                                                                                                               |
| Label(s) Packing                                                         | None                                                                                                                                            |
| group Environmental                                                      | Not applicable.                                                                                                                                 |
| hazards                                                                  |                                                                                                                                                 |
| Marine pollutant                                                         | Yes                                                                                                                                             |
| EmS                                                                      | F-D, S-U                                                                                                                                        |
| Special precautions for user                                             | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |
| Packaging Exceptions                                                     | LTD QTY                                                                                                                                         |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable.                                                                                                                                 |

DOT



IATA; IMDG





Marine pollutant



General information                      IMDG Regulated Marine Pollutant.

## 15. Regulatory information

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

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)  
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Cyclohexane (CAS 110-82-7)                      Listed.

n-Hexane (CAS 110-54-3)                      Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical                      No

SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt.   |
|---------------|------------|------------|
| n-Hexane      | 110-54-3   | 10 - 20    |
| Cyclohexane   | 110-82-7   | 0.1 - 1    |
| Benzene       | 71-43-2    | 0.01 - 0.1 |

Other federal regulations

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

n-Hexane (CAS 110-54-3)

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

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA)                      Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Butane (CAS 106-97-8)

Cyclohexane (CAS 110-82-7)

n-Hexane (CAS 110-54-3)

Propane (CAS 74-98-6)

US. New Jersey Worker and Community Right-to-Know Act

Butane (CAS 106-97-8)

Cyclohexane (CAS 110-82-7)

n-Hexane (CAS 110-54-3)

Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Butane (CAS 106-97-8)  
Cyclohexane (CAS 110-82-7)  
n-Hexane (CAS 110-54-3)  
Propane (CAS 74-98-6)

US. Rhode Island RTK

Butane (CAS 106-97-8)  
Cyclohexane (CAS 110-82-7)  
n-Hexane (CAS 110-54-3)  
Propane (CAS 74-98-6)

US. California Proposition 65

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

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Benzene (CAS 71-43-2) Listed: February 27, 1987

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Benzene (CAS 71-43-2) Listed: December 26, 1997

Toluene (CAS 108-88-3) Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Toluene (CAS 108-88-3) Listed: August 7, 2009

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Benzene (CAS 71-43-2) Listed: December 26, 1997

International Inventories

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada                      | Domestic Substances List (DSL)                                         | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)                                          | No                     |
| New Zealand                 | New Zealand Inventory                                                  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | 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)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 05-06-2015

Version # 01

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision Information Product and Company Identification: Alternate Trade Names