

Issuing Date 09-Oct-2015

Revision Date 09-Oct-2015

Revision Number 0

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

GHS product identifier

Product Name Mothers Back-to-Black Trim & Plastic Restorer Aerosol

Other means of identification

Product Code(s) 06110, 36110

UN-Number UN1950

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Car care

Uses advised against No information available

Supplier's details

**Supplier Address**

MOTHERS POLISHES WAXES CLEANERS  
5456 Industrial Drive  
Huntington Beach, CA 92649  
TEL: 714-891-3364  
FAX: 714-893-1827

Emergency telephone number

Emergency Telephone Number Chemtrec Phone: 1-800-424-9300 (within the U.S.) or +1 703-527-3887 (outside the U.S.)

**2. HAZARDS IDENTIFICATION**

Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

|   |                |
|---|----------------|
| Skin Corrosion/Irritation                                 | Category 2     |
| Reproductive Toxicity                                     | Category 2     |
| Specific Target Organ Systemic Toxicity (Single Exposure) | Category 3     |
| Specific Target Organ Toxicity (Repeated Exposure)        | Category 2     |
| Aspiration Toxicity                                       | Category 1     |
| Flammable aerosols  | Category 1     |
| Gases under pressure                                      | Compressed gas |

GHS Label elements, including precautionary statements

**Emergency Overview**

Signal Word Danger

**Hazard Statements**

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



**Appearance** No information available.      **Physical State** Aerosol.

**Odor** No information available.

**Precautionary Statements****Prevention**

- Wash face, hands and any exposed skin thoroughly after handling.
- Wear protective gloves.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- 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.

**General Advice**

- Specific treatment (see supplemental instructions on the administration of antidotes on this label)
- If exposed or concerned: Get medical attention/advice

**Skin**

- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation occurs: Get medical advice/attention.
- Take off contaminated clothing and wash before reuse.

**Inhalation**

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Ingestion**

- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- Do NOT induce vomiting.

**Storage**

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

**Disposal**

- Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable.

**Other information**

Toxic to aquatic life with long lasting effects.

0% of the mixture consists of ingredient(s) of unknown toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                           | CAS-No     | Weight % | Trade secret |
|---|------------|----------|--------------|
| Hexane                                  | 110-54-3   | 15-40    | *            |
| 2-Methylpentane                         | 107-83-5   | 10-30    | *            |
| Propane                                 | 74-98-6    | 10-30    | *            |
| Butane                                  | 106-97-8   | 5-10     | *            |
| 3-Methylpentane                         | 96-14-0    | 3-7      | *            |
| 2,3-Dimethylbutane                      | 79-29-8    | 3-7      | *            |
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | 1-5      | *            |
| Cyclohexane                             | 110-82-7   | 1-5      | *            |
| Neohexane                               | 75-83-2    | 1-5      | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### Description of necessary first-aid measures

##### General Advice

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician.

##### Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If eye irritation persists: Get medical advice/ attention.

##### Skin Contact

IF ON SKIN: Wash with plenty of soap and water. Remove and wash contaminated clothing before re-use. If skin irritation occurs: Get medical advice/ attention.

##### Inhalation

Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.

##### Ingestion

Do NOT induce vomiting. Rinse mouth with water and afterwards drink plenty of water or milk. Never give anything by mouth to an unconscious person. Get medical attention.

##### Protection of First-aiders

Use personal protective equipment. Remove all sources of ignition.

#### Most important symptoms/effects, acute and delayed

**Most Important Symptoms/Effects** Difficulty in breathing. Coughing and/ or wheezing. Drowsiness. Dizziness. Erythema. Nausea. Headache.

#### Indication of immediate medical attention and special treatment needed, if necessary

##### Notes to Physician

Treat symptomatically. Aspiration hazard.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** No information available.

#### Specific Hazards Arising from the Chemical

Flash back possible over considerable distance. Extremely flammable.

##### Explosion Data

##### Sensitivity to Mechanical Impact

Yes.

**Sensitivity to Static Discharge** Yes.

**Protective Equipment and Precautions for Firefighters**

In the event of fire and/or explosion do not breathe fumes

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Take precautionary measures against static discharges. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

**Environmental Precautions**

**Environmental Precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. Collect spillage. See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Pick up and transfer to properly labeled containers. Take up mechanically and collect in suitable container for disposal. Soak up any free liquid with inert absorbent material.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Wear personal protective equipment. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. Do not breathe vapors or spray mist. Ensure adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Avoid contact with eyes.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place. Keep in an area equipped with sprinklers. Keep away from heat and sources of ignition.

**Incompatible Products** None known based on information supplied.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

| Chemical Name      | ACGIH TLV         | OSHA PEL   | NIOSH IDLH  |
|--------------------|-------------------|--|---|
| Hexane<br>110-54-3 | TWA: 50 ppm<br>S* | TWA: 500 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 50 ppm<br>(vacated) TWA: 180 mg/m <sup>3</sup><br>(vacated) STEL: 1000 ppm<br>(vacated) STEL: 3600 mg/m <sup>3</sup> | IDLH: 1100 ppm<br>TWA: 50 ppm<br>TWA: 180 mg/m <sup>3</sup> |

|                               |  |   |   |
|-------------------------------|--|---|---|
| 2-Methylpentane<br>107-83-5   | STEL: 1000 ppm other than n-Hexane<br>TWA: 500 ppm other than n-Hexane | (vacated) TWA: 500 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>(vacated) STEL: 1000 ppm<br>(vacated) STEL: 3600 mg/m <sup>3</sup> | Ceiling: 510 ppm 15 min<br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 100 ppm other than n-Hexane<br>TWA: 350 mg/m <sup>3</sup> other than n-Hexane |
| Propane<br>74-98-6            | TWA: 1000 ppm  | TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup>  | IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup>  |
| Butane<br>106-97-8            | TWA: 1000 ppm  | (vacated) TWA: 800 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup>   | TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup>   |
| 3-Methylpentane<br>96-14-0    | STEL: 1000 ppm other than n-Hexane<br>TWA: 500 ppm other than n-Hexane | (vacated) TWA: 500 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>(vacated) STEL: 1000 ppm<br>(vacated) STEL: 3600 mg/m <sup>3</sup> | Ceiling: 510 ppm 15 min<br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 100 ppm other than n-Hexane<br>TWA: 350 mg/m <sup>3</sup> other than n-Hexane |
| 2,3-Dimethylbutane<br>79-29-8 | STEL: 1000 ppm other than n-Hexane<br>TWA: 500 ppm other than n-Hexane | (vacated) TWA: 500 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>(vacated) STEL: 1000 ppm<br>(vacated) STEL: 3600 mg/m <sup>3</sup> | Ceiling: 510 ppm 15 min<br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 100 ppm other than n-Hexane<br>TWA: 350 mg/m <sup>3</sup> other than n-Hexane |
| Cyclohexane<br>110-82-7       | TWA: 100 ppm   | TWA: 300 ppm<br>TWA: 1050 mg/m <sup>3</sup><br>(vacated) TWA: 300 ppm<br>(vacated) TWA: 1050 mg/m <sup>3</sup>                        | IDLH: 1300 ppm<br>TWA: 300 ppm<br>TWA: 1050 mg/m <sup>3</sup>   |
| Neohexane<br>75-83-2          | STEL: 1000 ppm other than n-Hexane<br>TWA: 500 ppm other than n-Hexane | (vacated) TWA: 500 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>(vacated) STEL: 1000 ppm<br>(vacated) STEL: 3600 mg/m <sup>3</sup> | Ceiling: 510 ppm 15 min<br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 100 ppm other than n-Hexane<br>TWA: 350 mg/m <sup>3</sup> other than n-Hexane |

*Immediately Dangerous to Life or Health. ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH:*

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety glasses with side-shields.  
**Skin and Body Protection** Long sleeved clothing. Antistatic boots Impervious gloves. Wear fire/flame resistant/retardant clothing.  
**Respiratory Protection** In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit  
**Hygiene Measures** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical State** Aerosol. **Appearance** No information available.  
**Odor** No information available. **Odor Threshold** No information available.

|                 |               |                          |
|-----------------|---------------|--------------------------|
| <b>Property</b> | <b>Values</b> | <b>Remarks/ - Method</b> |
| pH              | 7             | None known               |

|   |                         |                   |
|---|-------------------------|-------------------|
| <b>Melting Point/Range</b>                    | No data available       | None known        |
| <b>Boiling Point/Boiling Range</b>            | No data available       | None known        |
| <b>Flash Point</b>                            | -23 °C / -9.4 °F        | PMCC (for liquid) |
| <b>Evaporation rate</b>                       | 9.1 (BuAc = 1)          | BuAc = 1          |
| <b>Flammability (solid, gas)</b>              | No data available       | None known        |
| <b>Flammability Limits in Air</b>             |                         |                   |
| <b>upper flammability limit</b>               | No data available 9.8%  |                   |
| <b>lower flammability limit</b>               | No data available 1%    |                   |
| <b>Vapor Pressure</b>                         | 13.5 kPa @ 20°C         | None known        |
| <b>Vapor Density</b>                          | 1.55 (air = 1)          | None known        |
| <b>Specific Gravity</b>                       | 0.65                    | None known        |
| <b>Water Solubility</b>                       | No data available       | None known        |
| <b>Solubility in other solvents</b>           | No data available       | None known        |
| <b>Partition coefficient: n-octanol/water</b> | No data available       | None known        |
| <b>Autoignition Temperature</b>               | No data available       | None known        |
| <b>Decomposition Temperature</b>              | No data available       | None known        |
| <b>Viscosity</b>                              | No data available       | None known        |
| <b>Viscosity, kinematic</b>                   | 20.5 mm <sup>2</sup> /s | @ 40°C            |
| <b>Flammable Properties</b>                   | EXTREMELY FLAMMABLE     |                   |
| <b>Explosive Properties</b>                   | No data available       |                   |
| <b>Oxidizing Properties</b>                   | No data available       |                   |
| <b><u>Other information</u></b>               |                         |                   |
| <b>VOC Content (%)</b>                        | No data available       |                   |

## 10. STABILITY AND REACTIVITY

### **Reactivity**

No data available.

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of hazardous reactions**

None under normal processing.

### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### **Conditions to avoid**

Keep away from open flames, hot surfaces and sources of ignition.

### **Incompatible materials**

None known based on information supplied.

### **Hazardous decomposition products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### **Information on likely routes of exposure**

#### **Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Aerosol expected to be irritating based on components. May cause drowsiness and dizziness.   |
| <b>Eye Contact</b>  | Expected to be an irritant based on components. May cause redness, itching, and pain.  |
| <b>Skin Contact</b> | Expected to be an irritant based on components.  |
| <b>Ingestion</b>    | May cause drowsiness and dizziness. Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. |

| Chemical Name | LD50 Oral            | LD50 Dermal             | LC50 Inhalation         |
|---------------|----------------------|-------------------------|-------------------------|
| Hexane        | = 25 g/kg ( Rat )    | = 3000 mg/kg ( Rabbit ) | = 48000 ppm ( Rat ) 4 h |
| Propane       | -                    | -                       | = 658 mg/L ( Rat ) 4 h  |
| Butane        | -                    | -                       | = 658 mg/L ( Rat ) 4 h  |
| Cyclohexane   | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | = 13.9 mg/L ( Rat ) 4 h |

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

### Delayed and immediate effects and also chronic effects from short and long term exposure

**Skin corrosion/irritation** Irritating to skin.  
**Eye damage/irritation** Irritating to eyes.  
**Sensitization** No information available.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** Contains no ingredients above reportable quantities listed as a carcinogen.

**Reproductive Toxicity** Product is or contains a chemical which is a known or suspected reproductive hazard.  
**STOT - single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.  
**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure. See listed target organs below.  
**Chronic Toxicity** Avoid repeated exposure. Prolonged exposure may cause chronic effects. Contains a known or suspected reproductive toxin.  
**Target Organ Effects** Liver. Kidney. Respiratory system. Eyes. Skin. Central nervous system (CNS). Peripheral Nervous System (PNS).  
**Aspiration Hazard** May be fatal if swallowed and enters airways.

### Numerical measures of toxicity - Product

**Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity.  
*The following values are calculated based on chapter 3.1 of the GHS document:*  
**LD50 Oral** 56524 mg/kg; Acute toxicity estimate  
**LD50 Dermal** 6757 mg/kg; Acute toxicity estimate  
**Inhalation dust/mist** 695 mg/L; Acute toxicity estimate  
**Vapor** 473.9 mg/L; Acute toxicity estimate

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects.

| Chemical Name  | Toxicity to Algae | Toxicity to Fish   | Toxicity to Microorganisms | Daphnia Magna (Water Flea)                        |
|--|-------------------|--|----------------------------|---|
| Hexane<br>110-54-3                                       |                   | LC50 96 h: 2.1 - 2.98 mg/L<br>flow-through (Pimephales promelas) |                            | EC50 24 h: > 1000 mg/L<br>(Daphnia magna)         |
| Naphtha (petroleum),<br>hydrotreated heavy<br>64742-48-9 |                   | LC50 96 h: = 2200 mg/L<br>(Pimephales promelas)                  |                            | LC50 96 h: = 2.6 mg/L<br>(Chaetogammarus marinus) |

|                         |   |  |   |  |
|-------------------------|---|--|---|--|
| Cyclohexane<br>110-82-7 | EC50 72 h: > 500 mg/L<br>(Desmodesmus<br>subspicatus) | LC50 96 h: 3.96 - 5.18 mg/L<br>flow-through (Pimephales<br>promelas) LC50 96 h: 23.03<br>- 42.07 mg/L static<br>(Pimephales promelas)<br>LC50 96 h: 24.99 - 44.69<br>mg/L static (Lepomis<br>macrochirus) LC50 96 h:<br>48.87 - 68.76 mg/L static<br>(Poecilia reticulata) | EC50 = 85.5 mg/L 5 min<br>EC50 = 93 mg/L 10 min | EC50 24 h: > 400 mg/L<br>(Daphnia magna) |
|-------------------------|---|--|---|--|

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

| Chemical Name | Log Pow |
|---------------|---------|
| Propane       | 2.3     |
| Butane        | 2.89    |
| Cyclohexane   | 3.44    |
| Neohexane     | 3.8     |

**Other Adverse Effects**

No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with local regulations.

**Contaminated Packaging** Do not re-use empty containers.

**US EPA Waste Number** D001

| Chemical Name          | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|------------------------|------|--------------------------|------------------------|------------------------|
| Cyclohexane - 110-82-7 |      |                          |                        | U056                   |

This product contains one or more substances that are listed with the State of California as a hazardous waste.

### 14. TRANSPORT INFORMATION

**DOT**

**UN-Number** UN1950  
**Proper shipping name** Aerosols  
**Hazard Class** 2.1  
**Description** UN1950, Aerosols, 2.1, Marine Pollutant  
**Emergency Response Guide Number** 126

**TDG**

**UN-Number** UN1950  
**Proper Shipping Name** Aerosols  
**Hazard Class** 2.1  
**Description** UN1950, Aerosols, 2.1, Marine Pollutant

**MEX**

**UN-Number** UN1950  
**Proper Shipping Name** Aerosols  
**Hazard Class** 2.1  
**Description** UN1950, Aerosols, 2.1

**ICAO**

**UN-Number** UN1950  
**Proper shipping name** Aerosols  
**Hazard Class** 2.1  
**Special Provisions** A145, A167  
**Description** UN1950, Aerosols, 2.1



**IATA**

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>UN-Number</b>            | UN1950                           |
| <b>Proper Shipping Name</b> | Aerosols, flammable              |
| <b>Hazard Class</b>         | 2.1                              |
| <b>ERG Code</b>             | 10L                              |
| <b>Special Provisions</b>   | A145, A167, A802                 |
| <b>Description</b>          | UN1950, Aerosols, flammable, 2.1 |

**IMDG/IMO**

|                             |   |
|-----------------------------|---|
| <b>UN-Number</b>            | UN1950  |
| <b>Proper Shipping Name</b> | Aerosols  |
| <b>Hazard Class</b>         | 2   |
| <b>EmS No.</b>              | F-D, S-U  |
| <b>Special Provisions</b>   | 63,190, 277, 327, 344, 959  |
| <b>Marine Pollutant</b>     | Product is a marine pollutant according to the criteria set by IMDG/IMO |
| <b>Description</b>          | UN1950, Aerosols, 2.1 (-23°C c.c.), Marine Pollutant                    |

**RID**

|                             |                       |
|-----------------------------|-----------------------|
| <b>UN-Number</b>            | UN1950                |
| <b>Proper Shipping Name</b> | Aerosols              |
| <b>Hazard Class</b>         | 2                     |
| <b>Classification Code</b>  | 5F                    |
| <b>Description</b>          | UN1950, Aerosols, 2.1 |

**ADR**

|                                |                            |
|--------------------------------|----------------------------|
| <b>UN-Number</b>               | UN1950                     |
| <b>Proper Shipping Name</b>    | Aerosols                   |
| <b>Hazard Class</b>            | 2                          |
| <b>Classification Code</b>     | 5F                         |
| <b>Tunnel Restriction Code</b> | (D)                        |
| <b>Description</b>             | UN1950, Aerosols, 2.1, (D) |

**ADN**

|                             |                       |
|-----------------------------|-----------------------|
| <b>Proper Shipping Name</b> | Aerosols              |
| <b>Hazard Class</b>         | 2                     |
| <b>Classification Code</b>  | 5F                    |
| <b>Special Provisions</b>   | 190, 327, 344, 625    |
| <b>Description</b>          | UN1950, Aerosols, 2.1 |
| <b>Limited Quantity</b>     | 1 L                   |
| <b>Ventilation</b>          | VE01, VE04            |

|                                   |
|-----------------------------------|
| <b>15. REGULATORY INFORMATION</b> |
|-----------------------------------|

**International Inventories**

|               |          |
|---------------|----------|
| <b>TSCA</b>   | Complies |
| <b>DSL</b>    | Complies |
| <b>NDSL</b>   | Complies |
| <b>EINECS</b> | Complies |
| <b>ELINCS</b> | Complies |
| <b>ENCS</b>   | Complies |
| <b>IECSC</b>  | Complies |
| <b>KECL</b>   | Complies |
| <b>PICCS</b>  | Complies |
| <b>AICS</b>   | Complies |

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name | CAS-No   | Weight % | SARA 313 - Threshold Values % |
|---------------|----------|----------|-------------------------------|
| Hexane        | 110-54-3 | 35.7     | 1.0                           |
| Cyclohexane   | 110-82-7 | 2        | 1.0                           |

**SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | Yes |
| Fire Hazard                       | Yes |
| Sudden Release of Pressure Hazard | No  |
| Reactive Hazard                   | No  |

**Clean Water Act**

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Cyclohexane   | 1000 lb                     |                        |                           | X                          |

**CERCLA**

| Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ   |
|---------------|--------------------------|------------------------------------|--|
| Hexane        | 5000 lb                  |                                    | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Cyclohexane   | 1000 lb                  |                                    | RQ 1000 lb final RQ<br>RQ 454 kg final RQ  |

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name      | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|--------------------|------------|---------------|--------------|----------|--------------|
| Hexane             | X          | X             | X            | X        | X            |
| 2-Methylpentane    | X          | X             | X            |          |              |
| Propane            | X          | X             | X            | -        | X            |
| Butane             | X          | X             | X            |          | X            |
| 3-Methylpentane    |            | X             | X            |          |              |
| 2,3-Dimethylbutane | X          | X             | X            |          |              |
| Cyclohexane        | X          | X             | X            |          | X            |
| Neohexane          | X          | X             | X            |          |              |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**

|                    |                 |                |                   |                                 |
|--------------------|-----------------|----------------|-------------------|---------------------------------|
| <b><u>NFPA</u></b> | Health Hazard 2 | Flammability 4 | Instability 0     | Physical and Chemical Hazards - |
| <b><u>HMIS</u></b> | Health Hazard 2 | Flammability 4 | Physical Hazard 0 | Personal Protection X           |

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|---------------|------------------|
| Issuing Date  | 09-Oct-2015      |
| Revision Date | 09-Oct-2015      |
| Revision Note | Initial Release. |

**General Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**