

Issuing Date 10-Aug-2016

Revision Date 10-Aug-2016

Revision Number 0

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

GHS product identifier

Product Name Mothers Speed Tire Shine (AEROSOL)

Other means of identification

Product Code(s) 16915

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).

|                      |                |
|----------------------|----------------|
| Flammable aerosols   | Category 1     |
| Gases under pressure | Compressed gas |

GHS Label elements, including precautionary statements

**Emergency Overview**

Signal Word Danger  
Hazard Statements  
Extremely flammable aerosol

- Contains gas under pressure; may explode if heated



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

**Odor** No information available.

### Precautionary Statements

#### Prevention

- 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

- If exposed or concerned: Get medical attention/advice

#### Storage

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

#### Disposal

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

### Hazard Not Otherwise Classified (HNOC)

Not applicable.

### Other information

Harmful to aquatic life.

83.88% of the mixture consists of ingredient(s) of unknown toxicity.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                             | CAS-No     | Weight % | Trade secret |
|---|------------|----------|--------------|
| Petroleum distillates, hydrotreated light | 64742-47-8 | <10      | *            |
| Propane                                   | 74-98-6    | <5       | *            |
| Butane                                    | 106-97-8   | <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

Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician.

|                                   |  |
|-----------------------------------|--|
| <b>Eye Contact</b>                | Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. Get medical attention if symptoms occur.            |
| <b>Skin Contact</b>               | Wash skin with soap and water. Remove and wash contaminated clothing before re-use. If skin irritation or rash occurs: Get medical advice/attention. |
| <b>Inhalation</b>                 | Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.                                      |
| <b>Ingestion</b>                  | Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.              |
| <b>Protection of First-aiders</b> | Remove all sources of ignition. Use personal protective equipment.   |

**Most important symptoms/effects, acute and delayed****Most Important Symptoms/Effects** No information available.**Indication of immediate medical attention and special treatment needed, if necessary****Notes to Physician** Treat symptomatically.**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**

In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Explosion Data****Sensitivity to Mechanical Impact**

None.

**Sensitivity to Static Discharge**

Yes.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal Precautions**

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

**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. Should not be released into the environment. 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**

Take up mechanically and collect in suitable container for disposal. Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling****Handling**

Ensure adequate ventilation. 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. Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Do not breathe vapors or spray mist. 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 in an area equipped with sprinklers. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place.

**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   |
|---|---|---|--|
| Petroleum distillates, hydrotreated light<br>64742-47-8 | TWA: 5 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup><br>(as oil mist) | TWA: 5 mg/m <sup>3</sup><br>(as oil mist)                       | -  |
| 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>                    |
|   |   |   | -  |
|   |   |   |  |

**Appropriate engineering controls****Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Goggles.

**Skin and Body Protection**

Impervious gloves. Antistatic boots Wear fire/flame resistant/retardant clothing. Long sleeved 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**

Liquid.

**Appearance**

No information available.

**Odor**

No information available.

**Odor Threshold**

No information available.

| <u>Property</u>                        | <u>Values</u>   | <u>Remarks/ - Method</u>  |
|--|---|---------------------------|
| pH                                     | 7.1   | None known                |
| Melting Point/Range                    | No data available   | None known                |
| Boiling Point/Boiling Range            | No data available   | None known                |
| Flash Point                            | -29 °C / -20.2 °F   | Pensky-Martens Closed cup |
| Evaporation rate                       | 0.192 (butyl acetate = 1)   | None known                |
| Flammability (solid, gas)              | No data available   | None known                |
| Flammability Limits in Air             |   |                           |
| upper flammability limit               | 15.3%   |                           |
| lower flammability limit               | 0.7%  |                           |
| Vapor Pressure                         | 13.5 kPa (101.325 mm Hg) [at 20°C]                                  | None known                |
| Vapor Density                          | 1 [Air = 1]   | None known                |
| Specific Gravity                       | 0.91  | None known                |
| Water Solubility                       | No data available   | None known                |
| Solubility in other solvents           | No data available   | None known                |
| Partition coefficient: n-octanol/water | No data available   | None known                |
| Autoignition Temperature               | No data available   | None known                |
| Decomposition Temperature              | No data available   | None known                |
| Viscosity                              | No data available   | None known                |
| <b>Flammable Properties</b>            | HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. |                           |
| <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>   | Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal |
| <b>Eye Contact</b>  | Contact with eyes may cause irritation.  |
| <b>Skin Contact</b> | Repeated exposure may cause skin dryness or cracking.  |
| <b>Ingestion</b>    | May be harmful if swallowed.   |

| Chemical Name                             | LD50 Oral            | LD50 Dermal             | LC50 Inhalation        |
|---|----------------------|-------------------------|------------------------|
| Petroleum distillates, hydrotreated light | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 5.2 mg/L ( Rat ) 4 h |
| Propane                                   | -                    | -                       | = 658 mg/L ( Rat ) 4 h |
| Butane                                    | -                    | -                       | = 658 mg/L ( Rat ) 4 h |
|   |                      |                         | -                      |

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

**Symptoms** No information available.

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

**Sensitization** No information available.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** No information available.

**ACGIH: (American Conference of Governmental Industrial Hygienists)**  
A3 - Animal Carcinogen

**IARC: (International Agency for Research on Cancer)**  
Group 2B - Possibly Carcinogenic to Humans

**OSHA: (Occupational Safety & Health Administration)**  
X - Present

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

**Acute Toxicity** 83.88% 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** 5126 mg/kg; Acute toxicity estimate

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Harmful to aquatic life

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|---------------|-------------------|------------------|----------------------------|----------------------------|
|               |                   |                  |                            |                            |

|  |  |   |  |   |
|--|--|---|--|---|
| Petroleum distillates, hydrotreated light 64742-47-8 |  | LC50 96 h: = 45 mg/L flow-through (Pimephales promelas) LC50 96 h: = 2.2 mg/L static (Lepomis macrochirus) LC50 96 h: = 2.4 mg/L static (Oncorhynchus mykiss) |  | LC50 96 h: = 4720 mg/L (Den-dronereides heteropoda) |
|  |  |   |  |   |
|  |  |   |  |   |

**Persistence and Degradability** No information available.

**Bioaccumulation**

| Chemical Name   | Log Pow |
|-----------------|---------|
| Propane         | 2.3     |
| Butane          | 2.89    |
| Ethylene glycol | -1.93   |
| Diethanolamine  | -2.18   |

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

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

**14. TRANSPORT INFORMATION**

**DOT**

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

**TDG**

UN-Number UN1950

|                             |                       |
|-----------------------------|-----------------------|
| <b>Proper Shipping Name</b> | Aerosols              |
| <b>Hazard Class</b>         | 2.1                   |
| <b>Description</b>          | UN1950, Aerosols, 2.1 |

**MEX**

|                             |                       |
|-----------------------------|-----------------------|
| <b>UN-Number</b>            | UN1950                |
| <b>Proper Shipping Name</b> | Aerosols              |
| <b>Hazard Class</b>         | 2.1                   |
| <b>Description</b>          | UN1950, Aerosols, 2.1 |

**ICAO**

|                             |                       |
|-----------------------------|-----------------------|
| <b>UN-Number</b>            | UN1950                |
| <b>Proper shipping name</b> | Aerosols              |
| <b>Hazard Class</b>         | 2.1                   |
| <b>Description</b>          | 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>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>Subsidiary Class</b>     | See SP63                                       |
| <b>EmS No.</b>              | F-D, S-U                                       |
| <b>Description</b>          | UN1950, Aerosols, 2.1 (See SP63), (-29°C c.c.) |

**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> | Not determined |
| <b>DSL</b>  | Not determined |

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List



**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 % |
|-----------------|----------|----------|-------------------------------|
| Ethylene glycol | 107-21-1 | <5       | 1.0                           |

**SARA 311/312 Hazard Categories**

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

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name   | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ   |
|-----------------|--------------------------|------------------------------------|--|
| Ethylene glycol | 5000 lb                  |                                    | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Diethanolamine  | 100 lb                   |                                    | RQ 100 lb final RQ<br>RQ 45.4 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**

"X" designates that the ingredients are listed on the state right to know list.

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|---------------|------------|---------------|--------------|----------|--------------|
| Propane       | X          | X             | X            | -        | X            |
| Butane        | X          | X             | X            |          | X            |
|               |            |               |              |          |              |
|               |            |               |              |          |              |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

|             |                  |                |                   |                                 |
|-------------|------------------|----------------|-------------------|---------------------------------|
| <b>NFPA</b> | Health Hazard 1  | Flammability 4 | Instability 0     | Physical and Chemical Hazards - |
| <b>HMIS</b> | Health Hazard 1* | Flammability 4 | Physical Hazard 0 | Personal Protection X           |

\*Indicates a chronic health hazard.

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|                      |  |
|----------------------|--|
| <b>Prepared By</b>   | Product Stewardship<br>23 British American Blvd.<br>Latham, NY 12110<br>1-800-572-6501 |
| <b>Issuing Date</b>  | 10-Aug-2016  |
| <b>Revision Date</b> | 10-Aug-2016  |
| <b>Revision Note</b> | 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**