



SAFETY DATA SHEET

Issuing Date 03-Dec-2014

Revision Date 03-Dec-2014

Revision Number 0

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

GHS product identifier

Product Name **MAGIC WRENCH® AEROSOL**

Other means of identification

Product Code(s) **39541**

UN-Number UN1950

Synonyms ILEX MAGIC WRENCH ® AEROSOL

Recommended use of the chemical and restrictions on use

Recommended Use Lubricants, Greases and Release Products, Sealant

Uses advised against No information available

Supplier's details

Manufacturer Address

Jet-Lube, Inc.
4849 Homestead Rd.
Suite 232
Houston, Texas 77028
TEL: 713-670-5700 (7:00 a.m. - 5:00 p.m.)

Emergency telephone number

Emergency Telephone Number CHEMTREC: +1-703-527-3887 (INTERNATIONAL)
1-800-424-9300 (NORTH AMERICA)

2. HAZARDS IDENTIFICATION

Classification

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

| | |
|-----------------------------------|----------------|
| Serious Eye Damage/Eye Irritation | Category 2 |
| Flammable aerosols | Category 1 |
| Gases under pressure | Compressed gas |

GHS Label elements, including precautionary statements

Emergency Overview

| | |
|---------------------------------|---------------|
| Signal Word | Danger |
| Hazard Statements | |
| • Causes serious eye irritation | |
| • Extremely flammable aerosol | |

- Contains gas under pressure; may explode if heated



Appearance translucent to clear off-white **Physical State** Liquid, Aerosol.

Odor Slight

Precautionary Statements

Prevention

- Wash face, hands and any exposed skin thoroughly after handling.
- Wear eye/face protection.
- 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

- None

Eyes

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

Storage

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

Disposal

- None

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

May cause long lasting harmful effects to aquatic life

57.5% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms

ILEX MAGIC WRENCH ® AEROSOL

| Chemical Name | CAS-No | Weight % | Trade secret |
|-------------------|------------|----------|--------------|
| White mineral oil | 8042-47-5 | 35-40 | * |
| Petroleum gases | 68476-85-7 | 10-15 | * |

*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 not required. If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

| | |
|-----------------------------------|---|
| Skin Contact | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. |
| Inhalation | Move to fresh air. If symptoms persist, call a physician. |
| Ingestion | Not an expected route of exposure. Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary |
| Protection of First-aiders | 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**Water spray. Carbon dioxide (CO₂). Alcohol-resistant foam. Dry chemical. 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**

Keep product and empty container away from heat and sources of ignition. Containers may explode when heated.

Explosion Data**Sensitivity to Mechanical Impact**

None.

Sensitivity to Static Discharge

Yes.

Protective Equipment and Precautions for Firefighters

Cool closed containers exposed to fire with water spray.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal Precautions** Contents under pressure. Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment.**Environmental Precautions****Environmental Precautions** 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. 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** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.**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. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Do not breathe vapors or spray mist. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep away from direct sunlight. Store in accordance with local regulations.

Incompatible Products Strong acids. Oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--------------------------------|---|--|--|
| White mineral oil 8042-47-5 | TWA: 5 mg/m ³ inhalable fraction excluding metal working fluids, highly & severely refined | TWA: 5 mg/m ³ (vacated) TWA: 5 mg/m ³ | IDLH: 2500 mg/m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³ |
| Petroleum gases 68476-85-7 | TWA: 1000 ppm | TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³ | IDLH: 2000 ppm TWA: 1000 ppm TWA: 1800 mg/m ³ |

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection If splashes are likely to occur, wear: Safety glasses with side-shields.
Skin and Body Protection Long sleeved clothing. Protective gloves.
Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. In the case of dust or aerosol formation use respirator with an approved filter

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|-----------------|-----------------------|--------------------------------|
| Physical State | Liquid, Aerosol | Appearance | translucent to clear off-white |
| Odor | Slight | Odor Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks/ - Method</u> |
|-----------------------------|-------------------|--------------------------|
| pH | Neutral | None known |
| Melting Point/Range | < -40 °C / -40 °F | None known |
| Boiling Point/Boiling Range | > 260 °C | None known |
| Flash Point | > 232 °C / 450 °F | None known |
| Evaporation rate | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limits in Air | | |
| upper flammability limit | No data available | |
| lower flammability limit | No data available | |
| Vapor Pressure | No data available | None known |
| Vapor Density | No data available | None known |

| | | |
|---|---------------------|------------|
| Specific Gravity | 0.80 | None known |
| Water Solubility | Insoluble in water. | None known |
| Solubility in other solvents | Largely. | 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 | 33 cSt @ 40°C | None known |

Flammable Properties Not flammable

Explosive Properties No data available

Oxidizing Properties No data available

Other information

VOC Content (%) No data available

VOC (g/l) 80

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

Heat, flames and sparks. Keep away from direct sunlight. Incompatible products.

Incompatible materials

Strong acids. Oxidizing agents.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|--|
| Inhalation | None known. |
| Eye Contact | Causes serious eye irritation. |
| Skin Contact | None known. |
| Ingestion | Not an expected route of exposure. Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache). Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-------------------|----------------------|-------------|-----------------|
| White mineral oil | > 5000 mg/kg (Rat) | - | - |

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 The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|-------------------|-------|------|-----|------|
| White mineral oil | A2 | | | |

ACGIH: (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

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 57.5% 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 8631 mg/kg; Acute toxicity estimate

12. ECOLOGICAL INFORMATION**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|--------------------------------|-------------------|--|----------------------------|----------------------------|
| White mineral oil 8042-47-5 | | LC50 96 h: > 10000 mg/L (Lepomis macrochirus) | | |

Persistence and Degradability No information available.

Bioaccumulation

| Chemical Name | Log Pow |
|-------------------|---------|
| White mineral oil | 6.006 |
| Petroleum gases | 2.8 |

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with federal, state, and local regulations

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 |
| Proper Shipping Name | Aerosols |
| Hazard Class | 2.1 |
| Description | UN1950, Aerosols, 2.1 |

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 |
| Description | UN1950, Aerosols, 2.1 |

IATA

| | |
|----------------------|----------------------------------|
| UN-Number | UN1950 |
| Proper Shipping Name | Aerosols, flammable |
| Hazard Class | 2.1 |
| ERG Code | 10L |
| Description | UN1950, Aerosols, flammable, 2.1 |

IMDG/IMO

| | |
|----------------------|----------------------------------|
| UN-Number | UN1950 |
| Proper Shipping Name | Aerosols |
| Hazard Class | 2 |
| Subsidiary Class | See SP63 |
| EmS No. | F-D, S-U |
| Description | UN1950, Aerosols, 2.1 (See SP63) |

RID

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

ADR

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

ADN

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

15. REGULATORY INFORMATION

International Inventories**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - 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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | No |
| Fire Hazard | Yes |
| Sudden Release of Pressure Hazard | No |
| 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, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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 |
|-----------------------|------------|---------------|--------------|----------|--------------|
| White mineral oil | X | X | X | | X |
| Petroleum distillates | X | X | X | | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

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

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

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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