SECTION I - IDENTIFICATION

PRODUCT NAME: Clear Lube II
PRODUCT CODE: 1-581
PRODUCT USE: Lubricant
COMPANY NAME: Maintenance Solutions
COMPANY ADDRESS: P.O. Box 12202, Scottsdale, AZ 85267
COMPANY PHONE: 800-747-9593
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION:
- Flammable Aerosol: Category 2
- Liquefied Gas
- Skin Irritant: Category 2
- Eye Irritant: Category 2b
- Reproductive Toxicity: Category 2
- Specific Target Organ Toxicity (Single Exposure): Category 3
- Specific Target Organ Toxicity (Repeated Exposure): Category 2
- Aspiration Hazard: Category 1

HAZARD STATEMENT(S): WARNING: Flammable Aerosol Contains gas under pressure; May explode if heated. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0.0%

PRECAUTIONARY STATEMENTS:
- Keep away from heat, sparks, open flames, and 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. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.

SYMBOL:
HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>CAS NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane</td>
<td>142-82-5</td>
<td>15-40%</td>
</tr>
<tr>
<td>Isoparaffinic Hydrocarbon</td>
<td>64742-47-8</td>
<td>7-13%</td>
</tr>
<tr>
<td>Propane/n-Butane</td>
<td>68476-86-8</td>
<td>10-30%</td>
</tr>
<tr>
<td>Methyl acetate</td>
<td>79-20-9</td>
<td>10-30%</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>10-30%</td>
</tr>
</tbody>
</table>

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

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

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
Skin: defatting and dermatitis
Inhalation: Anesthetic, irritation, Central Nervous System depression
Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk
**CHRONIC HEALTH HAZARDS:** Skin disorders, drying and irritation of the skin.
**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

### SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, foam, or Carbon Dioxide (CO₂).
**UNSUITABLE EXTINGUISHING MEDIA:** Water spray/stream.
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear SCBA in fire situations.
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon

### SECTION VI – ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.
**SPILL:** Absorb spill with non-combustible material such as vermiculite, sand or earth.
**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.
**RCRA STATUS:** Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.
**OTHER PRECAUTIONS:** Keep out of the reach of children.
**INCOMPATIBILITY:** None Known

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane</td>
<td>500 ppm</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Isoparaffinic Hydrocarbon</td>
<td>400 ppm</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Propane/n-Butane</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Methyl acetate</td>
<td>200 ppm</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Acetone</td>
<td>750 ppm</td>
<td>500 ppm</td>
</tr>
</tbody>
</table>

**ENGINEERING CONTROLS / VENTILATION:** Normal, forced ventilation required. Local exhaust ventilation is generally preferred.
**RESPIRATORY PROTECTION:** Not required with adequate ventilation  Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded.
**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves
**ADDITIONAL MEASURES:** Wash hands thoroughly after handling.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Hazy, Tan Spray
**ODOR:** Solvent odor
**ODORTHRESHOLD:** N/D
**BOILING POINT:** N/D
**FREEZING POINT:** N/D
**FLAMMABILITY:** Flammable Aerosol
**FLASH POINT:** N/D
**AUTOIGNITION TEMPERATURE:** N/D
LOWER FLAMMABILITY LIMIT: N/A
UPPER FLAMMABILITY LIMIT: N/A
VAPOR PRESSURE (mm Hg): 40 @ 77°C

VAPOR DENSITY (AIR=1): > 2
EVAPORATION RATE: < 1
SPECIFIC GRAVITY (H2O=1): 0.795
pH: N/A
SOLIDS (%): N/D
SOLUBILITY IN WATER: 0.00%
PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow): N/D
VOLATILITY INCLUDING WATER (%): 59.9%
VOLATILE ORGANIC COMPOUNDS (VOC): 40%
DIELECTRIC STRENGTH (Volts): N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: If exposed to strong oxidizers, presents explosion hazard.
CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Temperatures greater than 122°F and sources of ignition.

INCOMPATIBILITY: None Known
HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon
POSSIBLE HAZARDOUS REACTIONS: None Known

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Heptane (142-82-5) LC50 (Inhalation, Rat): 103,000 mg/m³ Isoparaffinic Hydrocarbon
(64742-47-8) LD50 (Oral, Rat) 5 g/kg; LD50 (Dermal, Rabbit) 2 g/kg; LC50 (Rat, 4hr) 5 mg/L

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Causes irritation, redness, tearing.
INGESTION: May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, dizziness.
INHALATION: Causes dizziness, excessive or prolonged exposure may cause unconsciousness.
SKIN: May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.
MEDICAL CONDITION AGGRAVATED: Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
Skin: defatting and dermatitis
Inhalation: Anesthetic, irritation, Central Nervous System depression
Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk
CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin.
CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Isoparaffinic Hydrocarbon (64742-47-8) Not expected to be harmful or demonstrate chronic
toxicity toward aquatic organisms. Expected to be readily biodegradable. Do not contaminate water when disposing of
equipment washwaters.

BIODEGRADABILITY: Component or components of this product are not biodegradable.
BIOA CCUMULATION: This product is not expected to bioaccumulate.
SOIL MOBILITY: This product is not mobile in soil
OTHER ECOLOGICAL HAZARDS: This material is toxic to aquatic life.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and
place in trash collection, do not puncture, incinerate, or reuse container.
RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A

AIR SHIPMENT
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A
ENVIRONMENTAL HAZARDS WATER: Marine Pollutant

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None
SARA 311/312 HAZARD CATEGORIES: None
SARA 313 REPORTABLE INGREDIENTS: None
INTERNATIONAL REGULATIONS: All components are listed or exempted.

NFPA HEALTH: 1
NFPA FLAMMABILITY: 3
NFPA REACTIVITY: 0
NFPA OTHER: None
HMIS HEALTH: 1
HMIS FLAMMABILITY: 3
HMIS REACTIVITY: 0
HMIS PROTECTION: B

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Jonathon Jarvis
DATE PREPARED: 1/09/2013
REVISION DATE: 11/25/2014

N/A = Not Applicable; N/D = Not Determined

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