SECTION 1. IDENTIFICATION

Commercial Product Name: FOOD SAFE MULTI PLUS LUBRICANT
Product number: 0893056
SDS-Identcode: 10033486
Product Use Description: Preservatives, NSF Registered Product
Company: Wurth USA Inc.
93 Grant St.
07446 Ramsey, NJ
USA
Telephone: +1 201 825 27 10
Telefax: +1 201 825 16 43
Responsible/issuing person: prodsafe@wuerth.com
Emergency telephone number: +1 800 255 3924

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification
Gases under pressure: Compressed gas

GHS Label element
Hazard pictograms:

Signal word: Warning
Hazard statements: H280 Contains gas under pressure; may explode if heated.
Precautionary statements: Storage:
P410 + P403 Protect from sunlight. Store in a well-ventilated place.
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Weight percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>low boiling point hydrogen treated naphtha</td>
<td>64742-48-9</td>
<td>&gt;= 50 - &lt; 70</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>124-38-9</td>
<td>&gt;= 1 - &lt; 5</td>
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</tbody>
</table>

SECTION 4. FIRST AID MEASURES

General advice: If you feel unwell, seek medical advice (show the label where possible). First aider needs to protect himself. Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.

Inhalation: If breathed in, move person into fresh air. In the case of inhalation of aerosol/mist consult a physician if necessary. Keep patient warm and at rest. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin contact: In case of contact, immediately flush skin with soap and plenty of water. Do NOT use solvents or thinners. If skin irritation persists, call a physician.

Eye contact: Protect unharmed eye. If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion: If swallowed, seek medical advice immediately and show this container or label. If swallowed, DO NOT induce vomiting. If a person vomits when lying on his back, place him in the recovery position.

Notes to physician:

Treatment: Treat symptomatically and supportively.
Carbon dioxide (CO2)
Water mist

Unsuitable extinguishing media : High volume water jet

Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire. Exposure to decomposition products may be a hazard to health.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Further information : Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In the event of fire and/or explosion do not breathe fumes. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Refer to protective measures listed in sections 7 and 8. Use personal protective equipment. Remove all sources of ignition. Avoid contact with skin and eyes. Ensure adequate ventilation, especially in confined areas. Immediately evacuate personnel to safe areas. Avoid inhalation of vapour or mist. Beware of vapours accumulating to form explosive
Environmental precautions: Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up: Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations. Clean contaminated surface thoroughly.

SECTION 7. HANDLING AND STORAGE

Handling:
- For personal protection see section 8.
- Limit the stocks at work place.
- Use only in well-ventilated areas.
- Do not breathe vapours or spray mist.
- Avoid contact with skin and eyes.
- Do not spray on a naked flame or any incandescent material.
- Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.
- Take precautionary measures against static discharges.

Advice on protection against fire and explosion:
- Normal measures for preventive fire protection.
- Vapours are heavier than air and may spread along floors.
- Vapours may form explosive mixtures with air.
- Keep away from heat and sources of ignition.
- Do not smoke.
- No sparking tools should be used.
- Electrical equipment should be protected to the appropriate standard.

Dust explosion class: Not applicable
Storage

Requirements for storage areas and containers: Store in original container.
BEWARE: Aerosol is pressurized. Keep away from heat. Keep away from direct sunlight. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Keep containers tightly closed in a cool, well-ventilated place. Please observe the storage instructions for aerosols!

Advice on common storage: Do not store together with oxidizing and self-igniting products.

Other data: No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>List</th>
<th>Type:</th>
<th>Value</th>
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<tr>
<td>low boiling point hydrogen treated naphtha</td>
<td>64742-48-9</td>
<td>OSHA Z-1</td>
<td>TWA</td>
<td>500 ppm 2,000 mg/m³</td>
<td>2007-01-01</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>124-38-9</td>
<td>ACGIH</td>
<td>TWA</td>
<td>5,000 ppm 9,000 mg/m³</td>
<td>1997-08-04</td>
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<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>STEL</td>
<td>30,000 ppm</td>
<td>2007-01-01</td>
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<tr>
<td></td>
<td>OSHA Z-1</td>
<td>TWA</td>
<td>5,000 ppm 9,000 mg/m³</td>
<td>2007-01-01</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NIOSH REL</td>
<td>TWA</td>
<td>5,000 ppm 9,000 mg/m³</td>
<td>2013-10-08</td>
<td></td>
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<tr>
<td></td>
<td>NIOSH REL</td>
<td>ST</td>
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<td>2013-10-08</td>
<td></td>
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<tr>
<td></td>
<td>OSHA P0</td>
<td>TWA</td>
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<td>1989-01-19</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA P0</td>
<td>STEL</td>
<td>30,000 ppm 54,000 mg/m³</td>
<td>1989-01-19</td>
<td></td>
</tr>
</tbody>
</table>

Engineering measures: Provide sufficient air exchange and/or exhaust in work rooms.

Eye protection: Safety glasses

Hand protection
Glove material : Nitrile rubber

Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Skin and body protection : Flame retardant antistatic protective clothing.
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Respirator with combination filter for vapour/particulate (EN 141)
Respirator with filter type A

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
Do not inhale aerosol.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Follow the skin protection plan.
Take off all contaminated clothing immediately.
Wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Aerosol containing a compressed gas
Physical state : aerosol

Colour : clear
Odour : characteristic
Odour Threshold : No data available
Flash point : No data available
Ignition temperature : No data available
SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.

Hazardous decomposition products : Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.

Hazardous reactions : Note: No decomposition if stored and applied as directed.

Vapours may form explosive mixtures with air.
If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.
SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenicity: No data is available on the product itself.
Reproductive toxicity: No data is available on the product itself.
Teratogenicity: No data is available on the product itself.

Component:
- low boiling point hydrogen treated naphtha 64742-48-9
  Skin irritation: Result: Repeated exposure may cause skin dryness or cracking.
  Carcinogenicity: Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)
  Mutagenicity: Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

Carbon dioxide 124-38-9
Acute inhalation toxicity: LC50 Rat
  Dose: 58750 ppm
  Exposure time: 4 h

Carcinogenicity:
- ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

SECTION 12. ECOLOGICAL INFORMATION
Volatile organic compounds (VOC) content: 53.89 %

Additional ecological information: The product should not be allowed to enter drains, water courses or the soil.

SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal: In accordance with local and national regulations. This material and its container must be disposed of as hazardous waste.

SECTION 14. TRANSPORT INFORMATION

DOT 49 CFR
ID No: UN 1950
Proper shipping name: Aerosols
Class: 2.2
Labels: 2.2
Emergency Response Guidebook Number: 126

TDGR
ID No: UN 1950
Proper shipping name: AEROSOLS
Class: 2.2
Labels: 2.2

ICAO/IATA-DGR
ID No: UN 1950
Proper shipping name: Aerosols, non-flammable
Class: 2.2
ICAO-Labels: 2.2
Packing instruction (cargo aircraft): 203
Packing instruction (passenger aircraft): 203
Packing instruction (passenger aircraft): Y203
**Environmentally hazardous**: no

**IMDG-Code**
- **ID No**: UN 1950
- **Description of the goods**: AEROSOLS
- **Class**: 2.2
- **IMDG-Labels**: 2.2
- **EmS Number 1**: F-D
- **EmS Number 2**: S-U
- **Marine pollutant**: no

### SECTION 15. REGULATORY INFORMATION

**SARA 311/312 Hazards**: Sudden Release of Pressure Hazard
- Sudden Release of Pressure Hazard

**CERCLA Reportable Quantity**: This material does not contain any components with a CERCLA RQ.

**EPCRA_313**
- US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required
- This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**EPCRA_302**
- US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)
- No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**MASS RTK**
- US. Massachusetts Commonwealth’s Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon dioxide</td>
<td>124-38-9</td>
</tr>
</tbody>
</table>

**PENN RTK**
- US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
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### Components

<table>
<thead>
<tr>
<th>Description</th>
<th>CAS-No.</th>
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<tbody>
<tr>
<td>low boiling point hydrogen treated naphtha</td>
<td>64742-48-9</td>
</tr>
<tr>
<td>1-Decene, homopolymer, hydrogenated</td>
<td>68037-01-4</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>124-38-9</td>
</tr>
</tbody>
</table>

### NJ RTK
US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

### PENN RTK
US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

### NJ RTK
US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

### California Prop. 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
SECTION 16. OTHER INFORMATION

Further information

**NFPA:**

- Flammability: 1
- Health: 0
- Reactivity: 0
- Specific Hazard: 0

**HMIS III:**

- HEALTH: 0
- FLAMMABILITY: 1
- PHYSICAL: 2

0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme

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.

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