Sanitary Spray Lubricant is formulated with the finest U.S.P.-grade mineral oil for use primarily as a lubricant for food processing equipment.

**FEATURES/BENEFITS:**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lubrication</td>
<td>Sanitary Spray Lubricant has excellent lubricating properties for all types of mechanisms. Remains fluid as low as -5° F.</td>
</tr>
<tr>
<td>High Purity</td>
<td>Ingredients are odorless, tasteless and colorless. It does not contain any unsaturated, aromatic or silicone compounds.</td>
</tr>
<tr>
<td>USDA Applicable</td>
<td>It is acceptable for use in federally-inspected meat and poultry processing plants as a lubricant with incidental food contact.</td>
</tr>
</tbody>
</table>

**APPLICATIONS:**

Sanitary Spray Lubricant leaves an almost invisible film which has excellent lubricating properties and water repellency. Ideal for: Bakeries, Eating Establishments, Meat Packing Plants, Dairy Farms, Food Preparation & Manufacturing, Poultry & Fish Packing Plants

**COMPANION PRODUCTS:**

ProVisions No-Rinse Sanitizer, Chlor 2, FS Process Cleaner, Apex Bakery Pan Cleaner, FS Concentrated Foaming Acid, FS C.I.P. Cleaner, P.D.C, FS Foam Chlor, FS Formula 4089

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Aerosol (oily liquid)</td>
</tr>
<tr>
<td>Color</td>
<td>Clear, Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Flammability</td>
<td>Flammable by CSMA Flame Extension</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>1 Year Minimum</td>
</tr>
<tr>
<td>D.O.T. Shipping Label</td>
<td>ORM-D</td>
</tr>
</tbody>
</table>

**PACKAGING:**

20 fl. oz. can
Section 1. Chemical Product and Company Identification

Product name: ZEP SANITARY SPRAY LUBRICANT
Product use: Lubricant
Product code: 0246
Date of issue: 02/06/12
Supersedes: 12/22/04

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By
Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

WARNING
FLAMMABLE LIQUID AND VAPOR. MAY CAUSE RESPIRATORY TRACT AND EYE IRRITATION.

Vapor may cause flash fire. Do not smoke. Eliminate all ignition sources.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry
Dermal contact. Eye contact. Inhalation.

Eyes
May cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin
No known significant effects or critical hazards.

Inhalation
May cause irritation of respiratory tract, coughing, shortness of breath.

Ingestion
Unlikely in this form.

Chronic effects
Contains material which may cause damage to the following organs: heart, upper respiratory tract, skin, eyes, central nervous system (CNS).

Carcinogenicity
Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Product/ingredient name
Not available.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Name of Hazardous Ingredients</th>
<th>CAS number</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>White mineral oil (petroleum)</td>
<td>8042-47-5</td>
<td>80 - 90</td>
</tr>
<tr>
<td>propane</td>
<td>74-98-6</td>
<td>5 - 15</td>
</tr>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>1 - 10</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

Eye Contact
Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

Skin Contact
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation
Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Ingestion
Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Material Safety Data Sheet

Product Name: ZEP SANITARY SPRAY LUBRICANT

Product code: 0246

Not available.

Not available.

FLAMMABLE. (CSMA)

In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed.

Use an extinguishing agent suitable for the surrounding fire.

Spills are unlikely due to packaging.

Put on appropriate personal protective equipment (see section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Empty containers retain product residue and can be hazardous. Wash thoroughly after handling.

Do not store above the following temperature: 49°C (120.2°F). Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Use appropriate containment to avoid environmental contamination.

Exposure limits

ACGIH TLV (United States, 2/2010).
- TWA: 5 mg/m³ 8 hour(s). Form: Inhalable fraction
- NIOSH REL (United States, 6/2009).
- TWA: 5 mg/m³ 10 hour(s). Form: Mist
- STEL: 10 mg/m³ 15 minute(s). Form: Mist
- OSHA PEL (United States, 6/2010).
- TWA: 5 mg/m³ 8 hour(s).

ACGIH TLV (United States, 2/2010).
- TWA: 1000 ppm 8 hour(s).
- TWA: 1800 mg/m³ 8 hour(s).

ACGIH TLV (United States, 2/2010).
- TWA: 1000 ppm 8 hour(s).
- TWA: 1800 mg/m³ 8 hour(s).

ACGIH TLV (United States, 2/2010).
- TWA: 1000 ppm 8 hour(s).
- TWA: 1800 mg/m³ 8 hour(s).

ACGIH TLV (United States, 2/2010).
- TWA: 1000 ppm 8 hour(s).
- TWA: 1800 mg/m³ 8 hour(s).

Color Clear. Colorless.

Odor Odorless.

Vapor Pressure Not determined.

Vapor Density Not determined.

Evaporation Rate Not determined.

VOC (Consumer) 148.7 g/l  1.24 lbs/gal  14.90%
Material Safety Data Sheet

Product Name: ZEP SANITARY SPRAY LUBRICANT

Section 10. Stability and Reactivity

Stability and Reactivity: The product is stable.
Incompatibility: Slightly reactive or incompatible with the following materials: oxidizing materials and acids.
Hazardous Polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur.
Hazardous Decomposition Products: carbon oxides (CO, CO₂)

Section 11. Toxicological Information

Acute Toxicity
White mineral oil (petroleum) LD50 Oral Rat >5000 mg/kg
Butane LC50 Inhalation Vapor Rat 658000 mg/m³ 4 hours

Section 12. Ecological Information

Environmental Effects: Not determined.
Aquatic Ecotoxicity: Not available.

Section 13. Disposal Considerations

Waste Information
Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream
- Code: D001
- Classification: Hazardous waste
- Origin: RCRA waste

Section 14. Transport Information

Regulatory information
<table>
<thead>
<tr>
<th>DOT Classification</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Classes</th>
<th>PG*</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not regulated.</td>
<td>Consumer commodity</td>
<td>ORM-D</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

IMDG Class
- Not determined.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG*: Packing group

Section 15. Regulatory Information

U.S. Federal Regulations
- SARA 313 toxic chemical notification and release reporting: No products were found.
- Clean Water Act (CWA) 311: No products were found.
- Clean Air Act (CAA) 112 regulated toxic substances: No products were found.
- All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations
- California Prop 65: No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.