**Safety Data Sheet: Anti-Rust 894**

**Revision Date: January 2nd 2022**

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| SECTION 1 PRODUCT AND COMPANY IDENTIFICATION |

**PRODUCT**

 **Product Name:** Anti-Rust 894

 **Product Description:** Base Oil and Additives

 **Intended Use:** Corrosion inhibitor

**COMPANY IDENTIFICATION**

 **Supplier:** Beacon Lubricants

 P.O Box 754

 Edinboro, PA 16412

**Emergency Telephone:** 1-877-734-7334 – Beacon Lubricants, Inc.
**Emergency Telephone:** 1-800-424-9300 (24 hours) – Chemtrec approval

**Website:** www.beaconlubricants.com

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| SECTION 2 HAZARDS IDENTIFICATION |

This material is hazardous according to regulatory guidelines (see (M)SDS Section 15).

**LABEL:**

**Pictogram:**

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**Signal Word:** Warning

**Hazard Statements:**

Flammable liquid and vapor

Causes skin irritation

May cause respiratory irritation

May Cause drowsiness or dizziness

Harmful to aquatic life

Harmful to aquatic life with long lasting effects

**Precautionary Statements:**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking

Ground/bound container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

If on skin: Wash with plenty of water.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

Call a poison center/doctor if you feel unwell.

Specific treatment: See section 4 on SDS

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and was it before reuse.

In case of fie: Use appropriate media to extinguish.

**Storage:**

Store in a well ventilated place. Keep container tightly closed.

Store in a well ventilated place. Keep cool

Store locked up.

**Disposal:**

Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

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| SECTION 3 COMPOSTION / INFORMATION INGREDIENTS |

**Hazardous Substance(s) or Complex Substance(s) required for disclosure.**

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| Name | CAS# | Concentration\* |
| Hydrotreated light distillate (Petroleum) | 64742-47-8 | 30 - <60 % |
| Petrolatum (petroleum), oxidized, zinc salt | 68918-69-4 | 15 - < 40 % |

All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume.

As per paragraph (i) of 29 CFR 1910. 1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

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| SECTION 4 FIRST AID MEASURES |

**INHALATION**

 If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.

**SKIN CONTACT**

 Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irrigation develops or persists.

**EYE CONTACT**

 Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontained eye. Get immediate medical attention.

**INGESTION**

Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS If vomiting occurs, lean victim forward to reduce risk of aspiration into lungs.

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| SECTION 5 FIRE FIGHTING MEASURES |

**EXTINGUISHING MEDIA**

 **Appropriate Extinguishing Media:** Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be useful extinguishing agent if carefully applied to the fire.

 **Inappropriate Extinguishing Media:** Straight Steams of Water

**FIRE FIGHTING**

 **Fire Fighting Instructions:** Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and protected location due to the potential of hazardous vapors and decomposition products. Use appropriate methods for the surrounding fire.

 **Hazardous Combustion Products:** carbon dioxide, carbon monoxide, hydrocarbons, sulfur compounds.

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| SECTION 6 ACCIDENTAL RELEASE MEASURES |

**NOTIFICATION PROCEDURES**

 In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting release of this material to the environment, which exceed the applicable reportable quantity or oil spills, which could reach any waterway including intermittent dry creeks. The National Response Center can be reached at 800-424-8802.

**PROTECTIVE MEASURES**

 Avoid contact with spilled material. See Section 5 for firefighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

**For emergency responders:** Respiratory protection: respiratory protection will be necessary online in special cases, e.g., formation of mists. Half-face or full-face respirators with filter(s) for dust/organic vapor or Self Contained Breathing Apparatus (SCBA) can be used depending on the size of spill and potential level of exposure. If the exposure cannot be completely characterized or an oxygen deficient atmosphere is possible or anticipated, SCBA is recommended. Work gloves that are resistant to hydrocarbons are recommended. Gloves made of polyvinyl acetate (PVA) are not water-resistant and are not suitable for emergency use. Chemical goggles are recommended if splashes or contact with eyes is possible. Small spills: normal antistatic work clothes are usually adequate. Large Spills: full body suit of chemical resistant, antistatic material is recommended.

**SPILL MANAGEMENT**

 **Land Spill:** Stop leak if you can do it without risk. Recover by pumping or with suitable absorbent.

 **Water Spill:** Stop leak if you can do it without risk. Confine the spill immediately with booms. Warn other shipping. Remove from the surface

by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

**ENVIRONMENTAL PRECAUTIONS**

 **Large Spills:** Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

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| SECTION 7 HANDLING AND STORAGE |

**HANDLING**

 Avoid contacting and avoid breathing the material. Use only in a well ventilated area. “Empty” containers retain product residue (liquid and/or vapor) and can be dangerous. Ground and bond containers when transferring material. Do not get in eyes, on skin, and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

**Storage:**

 Store in a cool dry ventilated location. Isolate from incompatible materials and conditions such as strong oxidizing agents. Keep container(s) closed. Do not store in direct sunlight. Keep away from heat, sparks, flame.

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| SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION |

Exposure limits/standards for materials that can be formed when handling this product: When mists/aerosols can occur the following are recommended: 5 mg/m3 – ACGIH TLV (inhalable fraction), 5mg/m3 – OSHA PEL.

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| Substance Name | OSHA Pel | ACGIH TLV | NOTE |
| Hydrotreated light distillate (petroleum |  |  | 200 mg/m3 |  | N/A |

Note: Limits/standards shown for guidance only. Follow applicable regulations.

No biological limits allocated.

**ENGINEERING CONTROLS**

 The level of protection and types of controls necessary will vary depending upon potential exposure conditions.

 **Control measures to consider:**

 No special requirements under ordinary conditions of use and with adequate ventilation.

**PERSONAL PROTECTION**

 Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

**Respiratory Protection:** If engineering controls do not maintain airborne contaminant concentrations at a level, which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include: No special requirements under ordinary conditions of use and with adequate ventilation.

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapor warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

**Hand Protection:** Any specific glove information provided is based on published literature and glove manufacturer data. Glove stability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for you use conditions. Inspect and replace worn or damaged gloves. The types of glove to be considered for this material include:

 No protection is ordinarily required under normal conditions of use.

**Eye Protection:** If contact is likely, safety glasses with side shields are recommended.

**Skin and Body Protection:** Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:

 No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

**Specific Hygiene Measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

**ENVIORNMENTALS CONTROLS**

 Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

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| SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES |

**Note:** Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

**GENERAL INFORMATION**

**Physical State:** Liquid

**Color:** Amber

**Odor:** Characteristic

**Odor Threshold:** N/D

**IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION**

**Relative Density (at 15.6 °C):** .0.855

**Flammability (Solid, Gas):** N/A

**Flash Point [Method]** >= 105°F (41°C) [ASTM D-92]

**Flammable Limits** (Approximate volume % in air): LEL: 0.9 UEL: 7.0

**Auto ignition Temperature:** N/D

**Vapor Density (Air =1):**

**Vapor Pressure:** 2 mmHg at 20 °C

**Evaporation Rate (n-butyl acetate** = 1): N/D

**pH:** N/A

**Log Pow (n-Octanol/Water Partition Coefficient):** N/D

**Solubility in Water:** Negligible

**Viscosity:** 65m cSt @ 40 °C

**OTHER INFORMATION**

**Freezing Point:** N/D

**Melting Point:** N/A

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| SECTION 10 STABILITY AND REACTIVITY  |

**REACTIVITY:** Not expected to be reactive

**STABILITY:** Hazardous polymerization will not occur.

**CONDITIONS TO AVOID:** Excessive heat. High-energy sources of ignition

**MATERIALS TO AVOID:** Strong oxidizers

**HAZARDOUS DECOMPOSTION PRODUCTS:** Under normal condition of use and storage, decomposition and hazardous decomposition products are unlikely.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Hazardous polymerization will not occur.

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| SECTION 11 TOXICOLOGICAL INFORMATION |

**INFORMATION ON TOXICOLOGICAL EFFECTS**

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| **Hazard Class** | **Conclusion / Remarks** |
| **Inhalation** |  |
| Acute Toxicity: No end point data for material.  | Minimally Toxic. Based on assessment of the components. |
| Irritation: No end point data for material | Negligible hazard at ambient/normal handling temperatures. |
| **Ingestion** |  |
| Acute Toxicity: No end point data for material | Minimally Toxic. Based on assessment of the components.  |
| **Skin** |  |
| Acute Toxicity: No end point data for material. | Minimally Toxic. Based on assessment of the components.  |
| Skin Corrosion/Irritation: No end point data for material. | Negligible irritation to skin at ambient temperatures. Based on assessment of the components. |
| **Eye** |  |
| Serious Eye Damage/Irritation: No end point data for material.  | May cause mild, short-lasting discomfort to eyes. Based on assessment of the components.  |
| **Sensitization**  |  |
| Respiratory Sensitization: No end point data for material. | Not expected to be a respiratory sensitizer. |
| Skin Sensitization: No end point data for material | Not expected to be a skin sensitizer. Based on assessment of the components.  |
| Aspiration: Data available  | Not expected to be an aspiration hazard. Based on physic-chemical properties of the material. |
| Germ Cell Mutagenicity: No end point data for material | Not expected to be a germ cell mutagen. Based on assessment of the components.  |
| Carcinogenicity: No end point data for material  | Not expected to cause cancer. Based on assessment of the components. |
| Reproductive Toxicity: No end point data for material | Not expected to be a reproductive toxicant. Based on assessment of the components.  |
| Lactation: No end point data for material. | Not expected to cause harm to breast-fed children |
| **Specific Target Organ Toxicity (STOT)** |  |
| Single Exposure: No end point data for material | Not expected to cause organ damage from a single exposure. |
| Repeated Exposure: No end point data for material.  | Not expected to cause organ damage from prolonged or repeated exposure. Based on assessment of the components.  |

**OTHER INFORMATION**

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| Name | LD50 Oral | LD50 Demal | LC50 Inhalation |
| Hydrotreated light distillate (petroleum) | Oral LD50 Rat > 5000 mg/kg | Dermal LD50 Rabbit > 2000 mg/kg | Inhalation LC50 (4h) Rat > 20 mg/l |
| Petrolatum (petroleum), oxidized, zinc salt | Oral LD50 Rat > 5000 mg/kg | Dermal LD50 rabbit >2000 mg/kg |  |

The following ingredients are cited on the lists below: None.

 --REGULATORY LISTS SEARCHED--

1= NTP CARC 3. IARC 1 5 = IARC 2B

2= NTP SUS 4. IARC 2A 6. OSHA CARC

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| SECTION 12 ECOLOGICAL INFORMATION |

The information given is based on data available for the material, the components of the material, and similar materials.

**ECOTOXICITY**

 Material – Not expected to be harmful to aquatic organisms.

**MOBILITY**

 More volatile component – Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

**PERSISTENCE AND DEGRADABILITY**

**Biodegradation:**

 Base oil component – Expected to be inherently biodegradable

**Atmospheric Oxidation:**

More volatile component – Expected to degrade rapidly in air

**BIOACCUMULATION POTENTIAL**

 **Base oil component—**Has the potential to bio accumulate, however metabolism or physical properties may reduce the bioconcetration or limit bioavailability.

**OTHER ECOLOGICLA INFORMATION**

 **VOC:** 535.5 G/L [ASTM E1868-10]

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| SECTION 13 DISPOAL CONSIDERATIONS |

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations and material characteristics at time of disposal.

**DISPOSAL RECOMMENDATIONS**

 Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products. Protect the environment. Dispose of used oil at designated sites. Minimize skin contact. Do not mix used oils with solvents, brake fluids or coolants.

**REGULATORY DISPOSAL INFORMATION**

 **RCRA Information:** The unused product, in our opinion is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials, which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrositivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

**Empty Container Warning- Empty Container Warning (where applicable):** Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTIRICITY, OR OTHER SOURCES OF IGNITIONS. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

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| SECTION 14 TRANSPORT INFORMATION |

**LAND (DOT):** Corrosion preventative/non-regulated

UN1268, PETROLEUM DISTILLATES, N.O.S., (Naphtha Solvent), Combustible liquid, PG III

**SEA (IMDG):** UN1268, PETROLEUM DISTILLATES, N.O.S., (Naphtha Solvent),3, PG III

 **Marine Pollutant:** No

**AIR (IATA):** UN1268, PETROLEUM DISTILLATES, N.O.S., (Naphtha Solvent),3, PG III

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| SECTION 15 REGULATORY INFORMATION |

Status of formula components on selected national regulatory inventories:

List – Status

TSCA – All components in this products are on the TSCA Inventory or exempt.

Canadian DSL- One or more chemical substances in this material are on the Canadian NDSL and the remainder are included on the Canadian DSL or are exempt.

Chemical name CAS # Regulation Percent

Cumene 98-82-8 Prop. 65 – Cancer TRACE

Naphthalene 91-20-3 Prop. 65 – Cancer TRACE

Benzene 71-43-2 Prop. 65 – Cancer TRACE

Ethylbenzene 100-41-4 Prop. 65 - Cancer Trace

Toluene 108-88-3 Prop 65 - <0.1

 Developmental and/

 Or Reproductive

Benzene 71-43-2 \*Same as above Trace

No CERCLA – listed chemicals in this product

No 313 listed chemicals in this product

No SARA 302 EHS listed chemicals in this product

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| SECTION 16 OTHER INFORMATION |

**THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:**

Updates made in accordance with implementation of GHS requirements.

The information and recommendations contained herein are, to the best of Beacon Lubricant’s knowledge and belief, accurate and reliable as of the date issued. You can contact Beacon Lubricant’s to insure that this document is the most current available for Beacon Lubricant’s. The information and recommendations are offered for the user’s consideration and examination. It is the user’s responsibility to satisfy itself that the product is suitable for the intended use.