Safety Data Sheet: Anti-Rust 894
Revision Date: January 2nd 2021

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

SECTION 2 HAZARDS IDENTIFICATION

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

LABEL:
Pictogram:

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.

SECTION 3 COMPOSTION / INFORMATION INGREDIENTS

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

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).

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.

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.

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.

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.

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.

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.

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

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.

SECTION 11 TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

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

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
2= NTP SUS
3. IARC 1
4. IARC 2A
5 = IARC 2B
6. OSHA CARC

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]

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.

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

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 - Developmental and/ Or Reproductive	<0.1
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

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.