MSDS Document

Product ENWAY 95-WO

1. Chemical Product and Company Identification

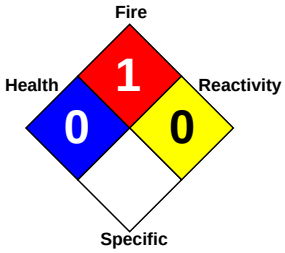
Product ENWAY 95-WO

Synonyms: Way Lubricant, Petroleum Hydrocarbon Blend

MSDS ID EL3525

Engineered Lubricants Co.
11525 Rock Island Court
Maryland Heights , MO 63043

Contact Name
msds@englube.com
Phone Number
(314)872-9540 X3033
Emergency Phone
(800)424-9300
Revision Date 11/15/2011



Health:	0
Fire:	1
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
This material is not classified as hazardous in accordance with OSHA 29 CFR 1910	********				

3. Hazard Identification

Emergency Overview

APPEARANCE

CLEAR. LIQUID. MILD ODOR.

PHYSICAL HAZARDS

NONE EXPECTED

HEALTH HAZARDS

Potential Health Effects

Skin
Substance may cause slight skin irritation.

Eye
May cause slight irritation.

Ingestion
Substance may be harmful if swallowed.

Inhalation
If material is heated or areas are poorly ventilated, vapor/mist may accumulate.

Inhalation
Mist or vapors may cause irritation of mucous membranes and upper respiratory tract.

4. First Aid Information

Eye
Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin
Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

Ingestion
If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation
If breathing is difficult move to fresh air. Call a physician if symptoms develop or persist.

NOTES TO PHYSICIAN

NONE

5. Fire Fighting Measures

Flash Point	454 F
FP Method	ASTM D92 (COC)

Extinguishing Media
Use water spray, regular foam, dry chemical, carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS

Thermal Decompostion
Oxides of Carbon, Nitrogen, Sulfur, and other products of incomplete combustion.

PRECAUTIONS FOR FIRE-FIGHTING

Fire fighting instructions
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

ENVIRONMENTAL PRECAUTIONS

Containment
Prevent entry into waterways, sewers, basement or confined areas.

METHODS FOR CONTAINMENT AND CLEAN UP

Containment
Stop the flow of material, if this can be done without risk.

Clean-up
Clean up spills immediately, observing precautions in Protective Equipment section. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

7. Handling and Storage

Handling
Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

Storage
Store in a cool dry place. Keep container closed when not in use.

8. Exposure Controls and Personal Protection

EXPOSURE LIMITS

OIL MIST
OSHA PEL: MIST 5 MG/M3 8 HRS;
ACGIH TLV: MIST 5 MG/M3 8 HRS

PERSONAL PROTECTION

Specific Hygeine Measures
Always observe good personal hygiene measures, such as washing after handling the material 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.

Eyes
Wear tight fitting safety goggles (splash goggles).

Skin Protection
Protective gloves and clothing are recommended.

Engineering controls
Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Respirators
Wear the following respiratory protection if exposure limits may be exceeded: Wear a NIOSH-certified (or equivalent) respirator as necessary.

9. Physical and Chemical Properties

Physical State	LIQUID
Specific Gravity	0.908
Density lbs/Gal.	7.563
Color/Appearance	DARK AMBER
Odor	MILD
Boiling/Cond. Point	> 468 F
Solubility	INSOLUBLE IN H2O
VOC %	3.3 % E1868 (110MIN @ 81C)
Viscosity	182.8 cSt @ 100F

10. Stability and Reactivity

REACTIVITY

Stability
Material is stable under normal conditions.

HAZARDOUS REACTIONS

Hazardous Polymerization
Will not occur

Conditions To Avoid
Excessive heat. High energy sources of ignition

Incompatible Materials
Strong oxidizers.

11. Toxicological Information

Acute Toxicity
Information provided based upon components of the mixture.

ACUTE ORAL TOXICITY

Data obtained on components: # 64742-52-5: LD50/ oral/ rabbit: > 5000mg/kg.

ACUTE DERMAL TOXICITY

64742-52-5
Data obtained on components: # 64742-52-5: LD50/ dermal/ rabbit: > 5000mg/kg.

Carcinogenicity
The major components of this product are not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. Ecological Information

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

ECOTOXICITY EFFECTS

Ecotoxicity
Base Oil Component: If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.

PERSITENCE AND DEGRADABILITY

Bioaccumulation Potential
Base oil component-Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

Biodegradation
Base oil component- Expected to be inherently biodegradable.

13. Disposal Considerations

WASTE DISPOSAL METHODS

Contaminated Packaging
Empty containers should be taken to an approved waste handling site for local recycling or waste disposal.

Waste Disposal Method
This product in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

14. Transportation Information

LAND (DOT)- NON-BULK

Not Regulated

LAND (DOT) BULK

Not Regulated

SEA (IMDG)

Not Regulated

AIR (IATA)

Not Regulated

15. Regulatory Information

US REGULATIONS

SARA (311/312) REPORTABLE HAZARD CATEGORIES

NONE

SARA (313) TOXIC RELEASE INVENTORY

NONE

CERCLA (Comprehensive Environmental Response and Liability Act of 1980, S 103)

Components of this product are listed or are exempt from inventory requirements.

EPCRA

Components of this product are listed or are exempt from inventory requirements.

IARC

No components present at 0.1% or greater are listed on IARC.

U.S. STATE RIGHT TO KNOW

CALIFORNIA PROP 65

NONE

EU REGULATIONS

None Known

UNITES STATES INVENTORY (TSCA 8b)

TSCA
Hazardous Component(s) subject to reporting on the TSCA List.

16. Other Information

Disclaimer
The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any representation or warranty expressed or implied, regarding its accuracy or correctness. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. Therefore, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product.

LEGEND
DOT- Department of Transportation; IMDG-International Maritime Dangerous Goods; IATA- International Air Transport Association; SARA-Superfund Amendments and Reauthorization Act; CERCLA-Comprehensive Environmental Response, Compensation, and Liability Act; EPCRA-Emergency Planning and Community Right-to-Know Act; IARC-International Agency for Research on Cancer. STOT-Specific Target Organ Toxicity.