

SAFETY DATA SHEET

SHOCK ABSORBER OIL 10

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Revision: 2015-03-24 V3.0

PRODUCT NO: S-1523-00

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SHOCK ABSORBER OIL 10
PRODUCT DESCRIPTION: SHOCK ABSORBER OIL (PETROLEUM)
COMPANY IDENTIFICATION: EVER LIGHT BAN HON INC.
NO.58 KUNGYEH W.1ST.RD, CHANGHUA COASTAL
INDUSTRIAL PARK, LUKANG TOWN.CHANGHUA HSIEN,
505 TAIWAN, R.O.C.
TELEPHONE NUMBER FOR INFORMATION: +886-4-7810738
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2. HAZARDS IDENTIFICATION

PHYSICAL / CHEMICAL HAZARDS: No significant hazards.
Health Hazards: Excessive exposure may result in eye, skin, or respiratory irritation.
ENVIRONMENTAL HAZARDS: No significant hazards.
Note: This material should not be used for any other purpose than the intended use in Section 1 without expert advice.
Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS	AMOUNT	CAS NUMBER
PARAFFINIC OIL (PETROLEUM)	99.0% ~ 80.0%	64742-55-8
		64742-54-7
Methacrylate copolymer	<1.00%	Confidential.
Alkoxy sulfolane	<0.50%	Confidential.
Alkoxylated long-chain alkyl amine	<0.25%	Confidential.
Alkyl methacrylate	<0.03%	Confidential.
Long-chain alkenyl imidazoline alkanol	<0.03%	Confidential.

This product is not formulated to contain ingredients which have exposure limits established by U.S. agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives.
See Section 15 for a regulatory analysis of the ingredients.

4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.

SKIN CONTACT: Wash contact areas with soap and water. Remove and clean oil soaked clothing daily and wash affected area.

INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea, or unconsciousness occurs due to excessive vapor or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or mouth-to-mouth resuscitation.

INGESTION: Not expected to be a problem. Seek medical attention if discomfort occurs. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water

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FIRE FIGHTING

Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Hazardous Combustion Products: Sulfur oxides, Aldehydes, Oxides of carbon, Incomplete combustion products, Smoke, Fume.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None. Flash Point C(F) $\approx$ 158°C [ASTM D-92]

Flammable limits - LEL: 0.6%, UEL: 7.0%.

Autoignition Temperature: NO DATA Available

6 - ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases 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 (886)5681-3920.

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

Prevent spills from entering storm sewers or drains and contact with soil.

7 - HANDLING AND STORAGE

HANDLING: No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.

STORAGE: Do not store in open or unlabelled containers. Store away from strong oxidizing agents or combustible material.

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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

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

EYE PROTECTION: Normal industrial eye protection practices should be employed.

SKIN PROTECTION: No special equipment required. However, good personal hygiene practices should always be followed.

EXPOSURE LIMITS: This product does not contain any components which have recognized exposure limits.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

GENERAL INFORMATION

Physical State: Liquid

Color: Cream White

Odor: Mild

Odor Threshold: N/E

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 15 C): 0.826

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Flash Point [Method]: $\approx 158^{\circ}\text{C}$ [ASTM D-92]
Flammable Limits (Approximate volume % in air): LEL: 0.6 UEL: 7.0
Autoignition Temperature: N/D
Vapor Density (Air = 1): N/E
Vapor Pressure: <0.1 mm Hg at 20°C
Evaporation Rate (n-butyl acetate = 1): N/D
pH: N/A
Log Pow (n-Octanol/Water Partition Coefficient): N/E
Solubility: Soluble in hydrocarbons; insoluble in water
Viscosity: 10.9 cSt at 40°C

OTHER INFORMATION

Freezing Point: N/D
Melting Point: N/A
Pour Point: -57°C

10 - STABILITY AND REACTIVITY

STABILITY: Material is stable under normal conditions.

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

MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

HAZARDOUS POLYMERIZATION: Will not occur.

11 - TOXICOLOGICAL INFORMATION

Acute Toxicity

Route of Exposure	Conclusion / Remarks
INHALATION	
Toxicity (Rat): LC50 > 5000 mg/m ³	Minimally Toxic. Based on test data for structurally similar materials.
Irritation: No end point data.	Negligible hazard at ambient/normal handling temperatures. Base on assessment of the components.
Ingestion	
Toxicity (Rat): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Skin	
Toxicity (Rabbit): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Irritation (Rabbit): Data available.	Negligible irritation to skin at ambient temperatures. Based on test data for structurally similar materials.
Eye	
Irritation (Rabbit): Data available.	May cause mild, short-lasting discomfort to eyes. Based on test data for structurally similar materials.

OTHER HEALTH EFFECTS FROM SHORT AND LONG TERM EXPOSURE

Anticipated health effects from sub-chronic, chronic, respiratory or skin sensitization, mutagenicity, reproductive toxicity, carcinogenicity, target organ toxicity (single exposure or repeated exposure), aspiration toxicity and other effects based on human experience and/or experimental data.

Contains:

Base oil severely refined: Not carcinogenic in animal studies. Representative material passes IP-346, Modified Ames test, and/or other screening tests. Dermal and inhalation studies showed minimal effects; lung non-specific infiltration of immune cells, oil deposition and minimal granuloma formation. Not sensitizing in test animals.

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 : Base oil component -- Low solubility and floats and is expected to migrate from water to the land.

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Expected to partition to sediment and wastewater solids.

PERSISTENCE AND DEGRADABILITY**Biodegradation:** Base oil component -- Expected to be inherently biodegradable**BIOACCUMULATION POTENTIAL**

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

13、DISPOSAL 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.

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 ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

14、TRANSPORT INFORMATION**LAND (ADR) :** Not Regulated for Land Transport**SEA (IMDG) :** Not Regulated for Sea Transport according to IMDG-Code**Marine Pollutant:** No**AIR (IATA) :** Not Regulated for Air Transport

15、REGULATORY INFORMATION

This material is not considered hazardous according to the Regulation of Labeling and Hazard Communication of Dangerous and Harmful Materials.

This material does not contain any components at concentrations that are regulated under RLHCDHA Appendix 1.

REGULATORY STATUS AND APPLICABLE LAWS AND REGULATIONS

Regulation of Toxic Chemical substances labeling and Material data sheet: Not Regulated

Complies with the following national/regional chemical inventory requirements: AICS, IECSC, DSL, EINECS, KECI, PICCS, TSCA

16、OTHER INFORMATION

References :

1. Handbook of Toxic and Hazardous Chemicals and Carcinogens (2nd Ed.)
2. Registry of Toxic Effects of Chemical Substances (NIOSH, 1983)
3. Globally Harmonization System (Council of Labor Affairs, Executive Yuan, Taiwan)

Made by	EVER LIGHT BAN HON INC	
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Made by	Title : Director	Name : ANTONY CHEN
Creation Date	2015-03-24	

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Material safety data sheets are provided as reference information on the safe handling of hazardous or harmful Materials to companies using such materials. When referring to this data sheet, companies should remember that They must take responsibility for implementing the proper measures for their own particular situations. This data sheet is not a guarantee of safety.