

**SECTION 1 IDENTIFICATION OF THE SUBSTANCE AND COMPANY**

<b>PRODUCT NAME:</b>	<b>E-Z-1 LUBRICANT</b>
<b>CHEMICAL NAME &amp; SYNONYMS:</b>	SYNTHETIC HYDROCARBON
<b>MANUFACTURERS NAME:</b>	E-Z-1 CORPORATION 3500 N. HARRISON STREET SHAWNEE, OK 74804 PHONE: 405-275-8110 FAX: 405-275-8114
<b>CAS#:</b>	NOT ISSUED
<b>CHEMICAL FAMILY:</b>	HYDROCARBON
<b>CHEMICAL FORMULA:</b>	NOT AVAILABLE

**SECTION 2 HAZARDS AND IDENTIFICATION**

NOT A HAZARDOUS SUBSTANCE OR MIXTURE ACCORDING TO OSHA HCS 2012. CONTAINS NO INGREDIENTS LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

CONTAINS NO INGREDIENTS LISTED ON CALIFORNIA PROP. 65, CAL. CODE REGS. Title 27, Section 25603.8 (2018).

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

<b>INGREDIENTS</b>	<b>CAS NUMBER (Trade Secret)</b>	<b>%BY</b>
*PROPRIETARY SYNTHETIC HYDROCARBON	NOT AVAILABLE	40-70
*PROPRIETARY SYNTHETIC HYDROCARBON	NOT AVAILABLE	5-30
*PROPRIETARY CALCIUM COMPLEX	NOT AVAILABLE	5-25

\*NON-HAZARDOUS SUBSTANCES, THE CONCENTRATIONS SHOWN IN THE SUBSTANCE LIST ARE MAXIMUM IR CEILING LEVELS (WEIGHT %) TO BE USED FOR CALCULATIONS FOR REGULATIONS.

**SECTION 4 FIRST AID MEASURES**

<b>EYE CONTACT:</b>	RINSE IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF EYE IRRITATION PERSISTS CONSULT A SPECIALIST.
<b>SKIN CONTACT:</b>	WASH OFF WITH SOAP AND PLENTY OF WATER WHILE REMOVING CONTAMINATED CLOTHES AND SHOES. IF SKIN IRRITATION PERSISTS, CALL A PHYSICIAN.
<b>INHALATION:</b>	MOVE TO FRESH AIR. IF BREATHING IS IRREGULAR OR STOPPED, ADMINISTER ARTIFICIAL RESPIRATION. IN CASE OF SHORTNESS OF BREATH, GIVE OXYGEN. CALL A PHYSICIAN IMMEDIATELY.
<b>INGESTION:</b>	IF SWALLOWED, CALL A POISON CONTROL CENTER OR DOCTOR IMMEDIATELY. DO NOT INUCE VOMITING WITHOUT MEDICAL ADVICE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

## SECTION 5 FIREFIGHTING MEASURES

### FLAMMABLE PROPERTIES FIRE EXPLOSION

SPONTANEOUS COMBUSTION CAN OCCUR SHOULD THE PRODUCT COME INTO CONTACT WITH HOT FIBER GLASS OR MINERAL FIBER INSULATION, ESPECIALLY WHEN EXPOSED TO ATMOSPHERIC OXYGEN. NFPA CLASS IIIB COMBUSTIBLE LIQUID.

### SUITABLE EXTINGUISHING MEDIA PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

WATER SPRAY OR FOG, FOAM, DRY CHEMICAL, CO<sub>2</sub>  
  
IN THE EVENT OF FIRE AND/OR EXPLOSION DO NOT BREATHE FUMES. WEAR SELF-CONTAINED BREATHING APPARATUS FOR FIRE FIGHTING IF NECESSARY.

### FURTHER INFORMATION

KEEP CONTAINERS AND SURROUNDINGS COOL WITH WATER SPRAY. DO NOT USE A SOLID WATER STREAM AS IT MAY SCATTER AND SPREAD FIRE. COLLECT CONTAMINATED FIRE EXTINGUISHING WATER SEPERATELY. THIS MUST NOT BE DISCHARGED INTO DRAINS.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP

VENTILATE THE AREA. CONTAIN SPILLAGE, AND THEN COLLECT WITH NON-COMBUSTIBLE ABSORBENT MATERIAL, (SAND, EARTH, DIATOMACEOUS EARTH VERMICULITE) AND PLACE IN CONTAINER FOR DISPOSAL ACCORDING TO LOCAL/NATIONAL REGULATIONS (SEE SECTION 13). DO NOT FLUSH INTO SURFACE WATER OR SANITARY SEWER SYSTEM. IF THE PRODUCT CONTAMINATES RIVERS AND LAKES OR DRAINS INFORM RESPECTIVE AUTHORITIES.

## SECTION 7 HANDLING AND STORAGE

### SAFE HANDLING ADVICE

ENSURE ALL EQUIPMENT IS ELECTRICALLY GROUNDED BEFORE BEGINNING TRANSFER OPERATIONS. KEEP AWAY FROM SOURCES OF IGNITION – NO SMOKING. KEEP CONTAINER TIGHTLY CLOSED. THE USE OF FOAM GLASS AS AN INSULATION MATERIAL CAN REDUCE THE RISK OF SUCH SPONTANEOUS COMBUSTION. INSULATION MATERIAL SOAKED WITH THE PRODUCT MUST BE REPLACED WITH NEW INSULATION MATERIAL AS SOON AS POSSIBLE.

### STORAGE/TRANSPORT PRESSURE

AMBIENT

### LOAD/UNLOAD TEMPERATURE

AMBIENT

## SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING MEASURES	AIR CONTAMINANT LEVELS SHOULD BE CONTROLLED BELOW THE PEL OR TLV FOR THIS PRODUCT (SEE EXPOSURE GUIDELINES). PROVIDE ADEQUATE VENTILATION. USE EXPLOSION-PROOF ELECTRICAL/VENTILATION/LIGHTING EQUIPEMENT.
SKIN	WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION
INHALATION	RESPIRATORY PROTECTION IS NORMALLY NOT REQUIRED EXCEPT IN EMERGENCIES OR WHEN CONDITIONS CAUSE EXCESSIVE AIRBORNE LEVELS OF MISTS OR VAPORS. USE NIOSH APPROVED RESPIRATORY PROTECTION.
EXPOSURE GUIDELINES	CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUES.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	LIQUID
FORM	LIQUID
COLOR	LIGHT BROWN OILY
ODOR	HYDROCARBONS
ODOR THRESHOLD	NO DATA AVAILABLE
FLASH POINT	199° C, 390° F, COC
SOLUBILITY IN WATER	NONE, INSOLUBLE
SPECIFIC GRAVITY	.895
MELTING POINT	NO DATA AVAILABLE
BOILING POINT	312 - 386° C, 594 - 728° F
AUTO-IGNITION TEMPERATURE	357° C, 675° F
FLAMMABILITY (SOLID, GAS)	NO DATA AVAILABLE
VISCOSITY	1,872 cSt @ -40° C, -40° F
Ph	NEUTRAL
EVAPORATION RATE	NO DATA AVAILABLE

**PARTITION COEFFICIENT**  
**n-octanol/water**

NO DATA AVAILABLE

#### **SECTION 10 STABILITY AND REACTIVITY**

<b>REACTIVITY</b>	STABLE AT NORMAL AMBIENT TEMPERATURE AND PRESSURE
<b>CHEMICAL STABILITY</b>	STABLE IF STORED AND APPLIED AS DIRECTED
<b>HAZARDOUS POLYMERIZATION</b>	WILL NOT OCCUR.
<b>CONDITIONS TO AVOID</b>	DIRECT HEATING, DIRT, CHEMICAL CONTAMINATION, SUNLIGHT, UV OR IONIZING RADIATION. EXTREMES OF TEMPERATURE AND DIRECT SUNLIGHT.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	NO DECOMPOSITION IF STORED NORMALLY. STABLE UNDER NORMAL CONDITIONS. USE AT ELEVATED TEMPERATURES CAN LEAD TO THERMAL DECOMPOSITION AND THE FORMATION OF LOW-BOILING AND HIGH-BOILING SECONDARY PRODUCTS (e.g. hydrocarbons) DURING REMOVAL OF LOW-BOILING DECOMPOSITION PRODUCTS FROM THE SYSTEM, APPROPRIATE RISK MANAGEMENT MEASURES FOR FLAMMABLE LIQUIDS MUST BE APPLIED.
<b>MATERIALS TO AVOID</b>	STRONG OXIDIZING AGENTS
<b>HAZARDOUS POLYMERIZATION</b>	NONE

#### **SECTION 11 TOXICOLOGICAL INFORMATION**

##### **PRODUCT INFORMATION**

<b>ACUTE ORAL TOXICITY</b>	LD50 RAT:> 5,000 mg/kg
<b>ACUTE INHALATION TOXICITY</b>	NO DATA AVAILABLE
<b>ACUTE DERMAL TOXICITY</b>	LD50 rabbit: > 2,000 mg/kg
<b>SKIN IRRITATION</b>	AVERAGE SCORE: 0.8 (mild irritant)
<b>EYE IRRITATION</b>	NO DATA AVAILABLE
<b>RESPIRATORY OR SKIN SENSITIZATION</b>	NO DATA AVAILABLE

**GERM CELL MUTAGENICITY**

GENOTOXICITY IN VITRO: NO DATA AVAILABLE  
GENOTOXICITY IN VIVO: NO DATA AVAILABLE

**REPRODUCTIVE TOXICITY**

REPRODUCTIVE TOXICITY: NO DATA AVAILABLE  
ASSESSMENT REPRODUCTIVE TOXICITY: NO DATA AVAILABLE  
TERATOGENICITY: NO DATA AVAILABLE  
ASSESSMENT TERATOGENICITY: NO DATA AVAILABLE

**STOT-single exposure**

NO DATA AVAILABLE

**STOT-repeated exposure**

NO DATA AVAILABLE

**ASPIRATION TOXICITY**

NO DATA AVAILABLE

**CARCINOGENICITY**

**ASSESSMENT CARCINOGENICITY**  
CONTAINS NO INGREDIENT LISTED AS A  
CARCINOGEN

**SECTION 12 ECOLOGICAL INFORMATION****BIODEGRADATION**

BIODEGRADABLE, BUT AT SLOW RATES DUE TO ITS  
LOW SOLUBILITY IN WATER

**FISH TOXICITY**

NO DATA AVAILABLE

**AQUATIC INVERTEBRATES TOXICITY**

NO DATA AVAILABLE

**ALGAE TOXICITY**

NO DATA AVAILABLE

**CHRONIC TOXICITY TO FISH**

NO DATA AVAILABLE

**CHRONIC TOXICITY TO AQUATIC  
INVERTEBRATES**

NO DATA AVAILABLE

**BACTERIA TOXICITY**

NO DATA AVAILABLE

**BIOACCUMULATION**

NO DATA AVAILABLE

**MOBILITY IN SOIL**

NO DATA AVAILABLE

**OTHER ADVERSE EFFECTS**

NO DATA AVAILABLE

**SECTION 13 DISPOSAL CONSIDERATIONS****WASTE CODE**

ANY UNUSED PRODUCT OR EMPTY CONTAINERS  
MAY BE DISPOSED OF AS NON-HAZARDOUS IN  
ACCORDANCE WITH STATE AND FEDERAL  
REQUIREMENTS.

RE-EVALUATION OF THE PRODUCT MAY BE REQUIRED BY THE USER AT THE TIME OF DISPOSAL, SINCE THE PRODUCT USES, TRANSFORMATIONS, MIXTURES, CONTAMINATION, AND SPILLAGE MAY CHANGE THE CLASSIFICATION. IF THE RESULTING MATERIAL IS DETERMINED TO BE HAZARDOUS, DISPOSE OF WITHIN STATE AND FEDERAL (40 CFR 262) HAZARDOUS WASTE REGULATIONS

**DISPOSAL METHODS**

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

**SECTION 14 TRANSPORTATION INFORMATION**

DOT	NOT RESTRICTED
IATA	NOT RESTRICTED
IMDG	NOT RESTRICTED

**SECTION 15 REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS**

OSHA HAZARDS (HCS 1994)	NON-HAZARDOUS SUBSTANCE
TSCA INVENTORY LISTING	THIS PRODUCT IS LISTED ON THE TSCA INVENTORY
SARA 302 STATUS	NO CHEMICALS IN THIS PRODUCT ARE SUBJECT TO REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 302
SARA 313/312 CLASSIFICATION	NON-HAZARDOUS SUBSTANCE
U.S. EPA CERCLA HAZARDOUS SUBSTANCES (40 CFR 302)	COMPONENTS NONE
CALIFORNIA PROP 65 (2018)	COMPONENTS NONE

**INTERNATIONAL REGULATIONS**

WHMIS CLASSIFICATION	WHMIS HAZARDOUS COMPOSITION: NO INGREDIENTS ARE HAZARDOUS ACCORDING TO THE CPR CRITERIA.
EUROPEAN UNION	THE PRODUCT DOES NOT NEED TO BE LABELED IN ACCORDANCE WITH EC DIRECTIVES OR RESPECTIVE NATIONAL LAWS

**AUSTRALIA: INVENTORY OF CHEMICAL SUBSTANCES (AICS) - LISTED**

**CANADA: DOMESTIC SUBSTANCES LIST (DSL) INVENTORY - NOT LISTED**

**CANADIAN NON-DOMESTIC SUBSTANCE LISTING (NDSL) - LISTED**

**CHINA: INVENTORY OF EXISTING CHEMICAL SUBSTANCES (IECSC) - LISTED**

**EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS) - LISTED**

**JAPAN: INVENTORY OF EXISTING & NEW CHEMICAL SUBSTANCES - LISTED**

**KOREA: EXISTING CHEMICALS INVENTORY (KECI) - NOT LISTED**

**MEXICO: NATIONAL INVENTORY OF CHEMICAL SUBSTANCES (INSQ) - NOT LISTED**

**NEW ZEALAND: INVENTORY OF CHEMICALS (NZIoC) - NOT LISTED**

**PHILIPPINES: INVENTORY OF CHEMICALS/CHEMICAL SUBSTANCES (PICCS) - NOT LISTED**

**SWITZERLAND: INVENTORY OF NOTIFIED NEW SUBSTANCES (CHINV) - LISTED**

**TAIWAN: NATIONAL EXISTING CHEMICAL INVENTORY (NECI) - LISTED**

#### SECTION 16 OTHER INFORMATION

##### HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

	HEALTH	FLAMMABILITY	PHYSICAL HAZARD/INSTABILITY
HMIS	1	1	0
NFPA	1	1	0

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THIS INFORMATION IS SUPPLIED UNDER THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200, AND IS OFFERED IN GOOD FAITH BASED ON DATA TO US THAT WE BELIEVE TO BE TRUE AND ACCURATE. THE RECOMMENDED INDUSTRIAL HYGIENE AND AFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE TO THE MATERIAL. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE FOR THAT USE. NO WARRANTY, EXPRESS OR IMPLIED, IS MADE REGARDING THE ACCURACY OF THIS DATA, THE HAZARDS CONNECTED WITH THE USE OF THE MATERIAL, OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. WE ASSUME NO RESPONSIBILITY FOR DAMAGE OR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN. DATA PROVIDED HERE ARE TYPICAL AND NOT INTENDED FOR USE AS PRODUCT SPECIFICATIONS.