

**MANUFACTURED FOR:**  
 THE EASTHILL GROUP  
 DBA/ THE EASTWOOD COMPANY  
 263 SHOEMAKER ROAD  
 POTTSTOWN, PA 19464  
 USA & CANADA: 800-345-1178  
 OUTSIDE USA: 610-323-2200

EMERGENCY CONTACT:  
 CHEM-TREC: 800-424-9300

**MATERIAL SAFETY DATA SHEET**  
**CHEMTREC (800) 424-9300 (24HR)**

PRODUCT TRADE NAME: ZDDP OIL ADDITIVE

EFFECTIVE DATE: JANUARY 1, 2010

PAGE 1 OF 2

THIS MATERIAL SAFETY DATA SHEET CONTAINS ENVIRONMENTAL, HEALTH AND TOXICOLOGY INFORMATION FOR YOUR EMPLOYEES. PLEASE MAKE SURE THIS INFORMATION IS GIVEN TO THEM. IT ALSO CONTAINS INFORMATION TO HELP YOU MEET COMMUNITY RIGHT-TO-KNOW/EMERGENCY RESPONSE REPORTING REQUIREMENTS UNDER SARA TITLE 111 AND MANY OTHER LAWS. IF YOU RESELL THIS PRODUCT, THIS MSDS MUST BE GIVEN TO THE BUYER OR THE INFORMATION INCORPORATED IN YOUR MSDS.

DOT HAZARDOUS CLASSIFICATION: NOT REGULATED GREASE OR OIL - N.O.S.

NFPA HEALTH HAZARD: 0 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTION: B

**SECTION 01- HAZARDOUS INGREDIENTS**

IF PRESENT, IARL, NTP AND OSHA CARCINOGENS AND CHEMICAL SUBJECT TO THIS REPORTING REQUIREMENTS OF SARA TITLE 111, SECTION 313 ARE IDENTIFIED IN THIS SECTION.

	CAS NUMBER	TLV	PEL	%
<b>(NON HAZARDOUS) COMPONENTS</b>				
PETROLEUM OIL	64742-65-0			85 TO 25
<b>PROPRIETARY COMPONENTS:</b>				
		<b>N.J. T.S.R.N.</b>		
		80100362-5057P		15 TO 75

**SECTION 02-PHYSICAL DATA**

WATER SOLUBILITY .....	INSOLUBLE	BOILING POINT, F° .....	N/A
SP. GRAVITY .....	1.07	MELTING POINT, F° .....	N/A
APPEARANCE & COLOR .....	BROWN LIQUID	VOLATILE BY VOLUME, % .....	NIL
ODOR .....	MILD ODOR	VAPOR PRESSURE .....	N/A
EVAPORATION RATE .....	N/A	VAPOR DENSITY ..	N/A

**SECTION 03-FIRE AND EXPLOSION HAZARDS**

FLASH POINT:(ASTM D-92) C.O.C. >350 °F UPPER FLAMMABLE LIMIT: N/D LOWER FLAMMABLE LIMIT: N/D

EXTINGUISHING MEDIA: DRY CHEMICAL, CARBON DIOXIDE, WATER FOG, FOAM  
 SPECIAL FIRE FIGHTING PROCEDURES: TREAT AS OIL FIRE; USE SELF-CONTAINED BREATHING APPARATUS.  
 UNUSUAL FIRE & EXPLOSIVE HAZARDS: NONE

**Page 2    ZDDP OIL ADDITIVE****SECTION 04-ENVIRONMENTAL AND DISPOSAL INFORMATION**

**ACTION TO BE TAKEN FOR SPILL/LEAKS:** Stop flow, scrape, wipe, mop up, or absorb with diatomaceous earth or other inert material. Store in appropriate container for disposal.

**DISPOSAL METHOD:** Disposal should be in compliance with federal, state, and local laws.

**SECTION 05-HEALTH HAZARD DATA**

**CARCINOGENS:** No carcinogens present

**ROUTE OF ENTRY:** Ingestion

**EFFECTS OF OVEREXPOSURE:** May cause irritation to eyes and skin on sensitive individuals.

**EMERGENCY FIRST AID PROCEDURES:**

**EYES:** Flush with water for at least 15 minutes

**SKIN:** Wash with soap and water. See physician if irritation persists.

**INHALATION:** Remove to fresh air. See physician if irritation persists.

**ORAL:** Call a physician. Do not induce vomiting. Keep Warm.

**ADDITIONAL:** Prolonged or repeated contact may product mild skin irritation and inflammation.

Personnel with pre-existing skin disorder should avoid contact.

**SECTION 06-REACTIVITY DATA**

**STABILITY:** Stable

**INCOMPATIBILITY:** Strong oxidizing agents, welding

**POLYMERIZATION:** Will not occur

**THERMAL DECOMPOSITION:** Carbon Monoxide, Carbon Dioxide, Trace Sulfur and Metallic Compounds

**CONDITIONS TO AVOID:** Do not heat above flash point

**SECTION 07-SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** Normally not needed

**GLOVES PROTECTION:** Neoprene or nitrile rubber gloves recommended.

**EYE PROTECTION:** Approved safety glasses or goggles

**OTHER PROTECTION:** Chemically resistant boots and apron recommended.

**WORK/HYGIENIC PRACTICES:** Use standard methods

**SECTION 08-SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION**

Avoid storage near open flame or other sources of ignition. Spills may cause slippery floors. Proper footwear required. Remove contaminated clothing and launder before reuse. Wash hands with soap and water before eating, drinking or smoking. Discard contaminated leather gloves and shoes.

**SECTION 09- REGULATORY INFORMATION**

**TSCA Inventory Status:**

All components are listed on TSCA Inventory.

The above information is based on the data of which we are aware and believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his/her own determination of the suitability of the material for his/her particular purpose.

May be used to comply with OSHA'S Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

N/D - Not Determined  
< - Less Than

N/A - Not Applicable  
> - Greater Than