



MATERIAL SAFETY DATA SHEET

AW 46 HYDRAULIC FLUID

Deckman Oil Co.
9 Norton Street
Honeoye Falls, N.Y. 14472
(585) 624-1630
Fax: (585) 624-2142

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: AW 46

Chemical Name: Petroleum lubricating oil

Chemical Family: Blend

Manufacturer:

Advanced Lubrication Specialists
420 Imperial Court East
Bensalem, PA 19020

Emergency Telephone Numbers:

Transportation: (215) 244-2114 8am-5pm EST M-F
CHEMTREC: (800) 424-9300 24 hrs everyday

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredient:

		CAS#
Severely solvent refined light paraffinic distillate	99%	64741-89-5
Severely solvent refined heavy paraffinic distillate		and 64741-88-4
Proprietary additives	<1.0%	mixture

3. HAZARD IDENTIFICATION ON INGREDIENTS

Emergency Overview:

US OSHA COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

Potential Health Effects:

INHALATION: Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.

EYE CONTACT: Expected to be minor eye irritant.

SKIN CONTACT: Repeated or prolonged skin contact may cause dermatitis and defatting.

INGESTION: Not expected to be acutely toxic.

CHRONIC: None known.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH	0	REACTIVITY	0
FLAMMABILITY	1	PERSONAL PROTECTION	X

HAZARD: MINIMAL=0 SEVERE=4



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4. FIRST AID MEASURES

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
EYE CONTACT: Flush with large amounts of water until irritationsubside. If irritation persists, get medical attention.
SKIN CONTACT: Flush with large amounts of water. Use soap if possible. Remove severely contaminated clothing and wash before reuse. If irritation persists seek medical attention.
INGESTION: If swallowed, DO NOT induce vomiting.

5. FIRE FIGHTING MEASURES

Flashpoint (method): 396°F (202°C) COC
Flammable Limits: N/E Autoignition Temp: N/D

EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide (CO₂), foam.
FIRE FIGHTING INSTRUCTIONS: Avoid breathing smoke and vapor.
FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool.
HAZARDOUS COMBUSTION PRODUCTS: Normal combustion forms carbon dioxide, water vapor and may produce oxides of sulfur, nitrogen and phosphorus. Incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Remove sources of ignition. Contain any spills with dikes or adsorbants to prevent migration and entry into sewers or streams. Take up small spills with absorbant pads. Large spills may be taken up with pump or vacume.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE: Ambient **STORAGE PRESSURE:** Atmospheric
GENERAL: Keep container closed. Store in a cool, well ventilated place. Keep away from heat, sparks and flame. Empty containers may contain residues.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: Oil mist if generated: TLV (ACGIH) 5mg/m³ - 8hr TWA, STEL (ACGIH) 10mg/m³, PEL (OSHA) 5mg/m³ - 8hr TWA.
VENTILATION: Good general ventilation at source of vapor.
PERSONAL PROTECTION: For open systems where contact is likely, wear safety glasses with side shields, long sleeves and chemical resistant gloves.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Ordor: Petroleum odor, clear, amber liquid.
Vapor Pressure: <1 (air=1.0)
Solubility in water: Insoluble
Evaporation Rate, n-Bu Acetate=1: Nil
VOC: N/A
Specific Gravity: 0.88

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal temperatures and pressures.
CONDITIONS TO AVOID: None known.
MATERIALS TO AVOID: Strong oxidizing agents.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION: None.

11. TOXICOLOGICAL INFORMATION

Oral Toxicity (rats): Practically non-toxic (LD50: greater than 2000 mg/kg).
Dermal Toxicity (rabbits): Practically non-toxic (LD50: greater then 2000 mg/kg).
Inhalation Toxicity (rats): Practically non-toxic (LD50: greater than 5 mg/1).
Eye Irritation (rabbits): Practically non-irritating (Draize score: greater than 6 but 15 or less).
Skin Irritation (rabbits): Practically non-irritating (Primary Irritation Index: greater than 0.5 but less than 3).
Chronic Toxicology: The base oils in this product are severely solvent refined and/or hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects. These results are confirmed on a continuing basis using various screening methods such as Modified Ames Test and IP-346.

12. ECOLOGICAL INFORMATION

Exotoxicity: N/D.

13. DISPOSAL CONSIDERATIONS

This product is not regulated by CERCLA/RCRA as a hazardous waste or material. Therefore, it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable local, state and federal regulations.



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14. TRANSPORTATION INFORMATION

DOT

DESCRIPTION: Not regulated
 PROPER SHIPPING NAME:
 HAZARD CLASS: Not regulated
 ID NUMBER: Not regulated
 PACKING GROUP: N/A
 SPECIAL INFORMATION: N/A

IMO

PROPER SHIPPING NAME: Not regulated
 HAZARD CLASS: Not regulated
 PACKING GROUP: N/A
 SPECIAL INFORMATION: N/A
 IMO LABEL: N/A
 SHIPPING CONTAINERS: N/A

15. REGULATORY INFORMATION

TSCA: This material is in compliance with the TOXIC SUBSTANCES CONTROL ACT (15 USC 2601-2629) and is listed in the TSCA Inventory.

HAZARD CATEGORIES FOR SARA 311/312 REPORTING:

Health	Immediate (Acute)	No
Health	Delayed (Chronic)	No
Physical	Fire	No
Physical	Sudden Release of Pressure	No
Physical	Reactive	No
Physical	Nuisance Mist/Dust Only	No

01=SARA 313	08=IARC Group 2B	15=ACGIH STEL	23=TSCA Sect 12(b)
02=MASS RTK	09=SARA 302/304	16=ACGIH Calc TLV	24=TSCA Sect 8(a)
03=NTP Carcinogen	10=PA RTK	17=OSHA PEL	25=TSCA Sect 8(d)
04=CA Prop 65-Carcin	11=NJ RIK	18=DOT Marine Pollutant	26=TSCA Sect 4(a)
05=CA Prop 65-Reprp Tox	12=CERCLA 3024	20=EPA Carcinogen	27=Canadian WHMIS
06=IARC Group 1	13=MN RTK	21=TSCA Sect 5(a)(2)	28=OSHA CEILING
07=IARC Group 2A	14=ACGIM TWA	22=TSCA Sect 6	

The following components of this material are found on the regulatory lists indicated.

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

is found on lists: 14, 15, 17

NEW JERSEY RTK CLASSIFICATION:

Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq, the product is to be as followed: PETROLEUM OIL



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16. OTHER INFORMATION

**AMERICAN REFINING GROUP INC.
77 NORTH KENDALL AVE.
BRADFORD, PA 16701**

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