



MATERIAL SAFETY DATA SHEET

XHD 30W MOTOR OIL

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: XHD 30W Motor Oil

Chemical Name: Petroleum lubricating oil

Chemical Family: Petroleum Hydrocarbon

Manufacturer:

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

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 | >75% | 64741-89-5 and |
| Severely solvent refined heavy paraffinic distillate | | 64741-88-4 |
| Additives include the following: | <26% | |
| Zinc Alkyl Dithiophosphate | <3% | 68649-42-3 |
| (Phosphorodithioic Acid, O,O-DI-C1-14-Alkyl esters, Zinc salt) | | |

3. HAZARD IDENTIFICATION ON INGREDIENTS

Emergency Overview:

Oil mist, if generated.

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): 419°F (210°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, dark 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 @ 15.6/15.6C

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.
Environmental Fate and Effects: This material is not expected to present any environmental problems other than those associated with oil spills.

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

IMO

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

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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