



**MATERIAL SAFETY
DATA SHEET**

AMOCO 300 MOTOR OIL SAE 30
(Amoco 30W Motor Oil)

Grounds

MANUFACTURER/SUPPLIER:
Amoco Oil Company
200 East Randolph Drive
Chicago, Illinois 60601

EMERGENCY HEALTH INFORMATION: (800) 447-8735
EMERGENCY SPILL INFORMATION: (800) 424-9300
OTHER PRODUCT SAFETY INFORMATION: (312) 856-3907

IMPORTANT COMPONENTS: Solvent refined paraffinic petroleum oil. CAS #64741-88-4.
Hydrofinished, solvent refined paraffinic petroleum oil.
CAS #64742-54-7.
Zinc dialkyl dithiophosphate (ZDDP).

WARNING STATEMENT: Continuous long-term contact with used motor oils has caused skin cancer in animal tests. Avoid prolonged skin contact with used motor oils.

APPEARANCE AND ODOR: Pale colored oily liquid.

HEALTH HAZARD INFORMATION

EYE

EFFECT: No significant irritation expected.

FIRST AID: Flush eyes with plenty of water.

PROTECTION: None required, however, use of safety glasses is good industrial practice.

SKIN

EFFECT: None expected for single short-term exposures. Prolonged or repeated contact may produce some irritation.

FIRST AID: None required for unused motor oil. Contact with used motor oil--wash exposed skin thoroughly with soap and water.

PROTECTION: Wear protective clothing and impervious gloves when working with used motor oils.

INHALATION

EFFECT: None expected under usual conditions of use.

FIRST AID: None required.

PROTECTION: None required for usual conditions of use.



HEALTH HAZARD INFORMATION - CONTINUED

INGESTION

EFFECT: Expected to be relatively non-toxic.

FIRST AID: If a large amount is swallowed, induce vomiting, get medical attention.

FIRE AND EXPLOSION INFORMATION

FLASHPOINT: 424°F, Minimum (COC)

EXTINGUISHING MEDIA: Agents approved for Class B hazards (e.g., dry chemical, carbon dioxide, halogenated agents, foam, steam) or water fog.

REACTIVITY INFORMATION

STABILITY: Stable.

CHEMICAL AND PHYSICAL PROPERTIES

SOLUBILITY IN WATER: Negligible, below 0.1%

SPECIFIC GRAVITY (WATER = 1): 0.89

VISCOSITY: 65-69 SUS @ 210°F **VISCOSITY INDEX:** 90 minimum

POUR POINT: 0°F Maximum

STORAGE AND ENVIRONMENTAL PROTECTION

STORAGE REQUIREMENTS: No special requirements.

SPIILLS AND LEAKS: Treat as an oil spill. Contain and remove by mechanical means.

WASTE DISPOSAL: Disposal must be in accordance with applicable federal, state, or local regulations. Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.

TOXICOLOGICAL INFORMATION

EYE: Primary eye irritation score of 0.7/110.0; 24 hours (rabbits).

SKIN: Acute dermal LD50 greater than 2g/kg (rabbits). Primary dermal irritation score of 2.0/8.0 (rabbits). Not a skin sensitizer in guinea pigs.

INGESTION: Acute oral LD50 greater than 10g/kg (rats).



TOXICOLOGICAL INFORMATION - CONTINUED

CAUTION!

Continuous long-term contact with used motor oils has caused cancer in animal tests.

In case of contact, wash exposed skin thoroughly with soap and water or use waterless hand cleaners to remove used motor oils from skin. Do not use gasoline, thinners, or solvents.

Wear protective clothing and impervious gloves when working with used motor oils. Remove oil-soaked clothing, including shoes, and thoroughly clean and dry before reuse.

This product contains a zinc dithiophosphate (ZDDP) component. The ZDDP in this product is judged not to present a significant risk to human health when good personal hygiene is observed.

Repeated dermal exposure to ZDDPs have produced severe skin irritation in rabbits which resulted in reduced food consumption and substantial body weight loss. Testicular atrophy was seen in these rabbits, and appeared to be a consequence of the substantial body weight loss. ZDDPs have also been found to be mutagenic in some tests; however, this activity has been attributed to the zinc constituent. Zinc is ubiquitous in the environment and an essential nutrient. Further, it is generally accepted that zinc does not present a mutagenic or carcinogenic risk to humans.

This product contains a small amount of an organic compound of a type which produced testicular effects in rabbits following prolonged and repeated skin exposure in high dosages. The concentration of this component is below that which produced no effects in the animal studies. The high levels of exposure that produced adverse effects in rabbits are not expected to result from normal use of the product. No adverse health effects are expected to occur when good personal hygiene is observed.

REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD: Not hazardous per 29 CFR 1910.1200(d).

DOT PROPER SHIPPING NAME (BULK, LAND): Not regulated.

Truck/Rail Shipping Class: Petroleum Lubricating Oil.

ISSUE INFORMATION

BY:

Stephen A. Elbert
Mgr., Product Safety & Toxicology

ISSUED: November 25, 1985
SUPERSEDES: August 08, 1985



This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.