



MATERIAL SAFETY DATA SHEET

ADVANTAGE SPINDLE OIL #10

Revision Date: 5/9/2004

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Advantage Spindle Oil #10

Product Code8391

Chemical Name: Petroleum distillate

Chemical Family: Petroleum Hydrocarbon

Manufacturer:

Advanced Lubrication Specialties
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#

Distillates (petroleum), hydrotreated heavy paraffinic

64741-89-5

3. HAZARD IDENTIFICATION

Emergency Overview

MAY CAUSE SKIN IRRITATION

US OSHA HAZARD 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 temperature 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.

HMIS Hazard Ratings:

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

Key	
4 - Severe	3-Serious
2 - Moderate	1 - Slight
0 - Minimal	

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 eyes with large amounts of water until irritation subsides. 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): 375°F (191°C) COC

Flammable Limits: Not established **Autoignition Temp:** >500°F (260°C)

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 and water vapor; incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

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

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 - 8 hr TWA,
STEL (ACGIH) 10 mg/m³, PEL (OSHA) 5 mg/m³ - 8 hr 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/Odor: Petroleum odor, clear dark liquid.
 Vapor Pressure: <1 (air=1.0)
 Solubility in Water: None
 Evaporation Rate, n-Bu Acetate = 1: Nil
 VOC: 10.5 Wt% 97.65 g/l
 Specific Gravity: 0.93 @ 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 than 2000 mg/kg).
 Inhalation Toxicity (rats): Practically non-toxic (LC50: greater than 5 mg/l).
 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
 Ecotoxicity: No data available.

12. ECOLOGICAL INFORMATION

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.

13. DISPOSAL CONSIDERATIONS

14. TRANSPORTATION INFORMATION

DOT		IMO	
DESCRIPTION	Not regulated	PROPER SHIPPING NAME:	Not regulated
HAZARD CLASS:	Not regulated	HAZARD CLASS:	Not regulated
ID NUMBER:	Not regulated	PACKING GROUP:	Not applicable
PACKING GROUP:	Not applicable	SPECIAL INFORMATION:	Not applicable
SPECIAL INFORMATION:	Not applicable	IMO LABEL:	Not applicable
		SHIPPING CONTAINERS:	Not applicable



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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	11=NJ RTK	21=TSCA Sect 5(a)(2)
02=MASS RTK	12=CERCLA 302.4	22=TSCA Sect 6
03=NTP Carcinogen	13=MN RTK	23=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14=ACGIM TWA	24=TSCA Sect 8(a)
05=CA Prop 65-Repro Tox	15=ACGIH STEL	25=TSCA Sect 8(d)
06=IARC Group 1	16=ACGIH Calc TLV	26=TSCA Sect 4(a)
07=IARC Group 2A	17=OSHA PEL	27=Canadian WHMIS
08=IARC Group 2B	18=DOT Marine Pollutant	28=OSHA CEILING
09=SARA 302/304	20=EPA Carcinogen	
10=PA RTK		

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

Distillates (petroleum), hydrotreated heavy naphthenic
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.
24:5A-1 et seq. the product is to be identified as follows:

16. OTHER INFORMATION

ADVANCED LUBRICATION SPECIALTIES
420 IMPERIAL COURT EAST
BENSALEM, PA 19020
215-244-2114

Advanced Lubrication Specialties is a subsidiary of the Junell Corporation

The information on this form is furnished solely for the purpose of compliance with the OSHA Act, and shall not be used for any other purpose. The information herein is given in good faith and is based on data considered accurate. However, no warranty, expressed or implied, is made regarding the accuracy of these data or the results to be obtained from the use thereof.

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NA=Not Applicable

ND=No Data

NE=Not Established