

MATERIAL SAFETY DATA SHEET

ADAMS NON-DRIPPING OIL

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: ADAMS NON-DRIPPING OIL

PART No.: APO50G

UN/NA (PIN) No.: UN1268

APPLICATIONS: Lubricating Oil

EMERGENCY TELEPHONE: Info Trac - (800) 535-5053

SUPPLIER: Chemtool Incorporated
8200 Ridgefield Road
P.O. Box 538
Crystal Lake, IL 60039-0538

TELEPHONE: (815) 459-1250

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2. COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENT NAME:	CAS No.:	CONTENTS :	EPA RQ:	TPQ:
DISTILLATES, PETROLEUM, SEVERELY HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	10-30 %	N/A	N/A
ETHANOL, 2-BUTOXY-	111-76-2	1-5 %	N/A	N/A
STODDARD SOLVENT	8052-41-3	50-70 %	N/A	N/A

COMPOSITION COMMENTS:

Refer to section eight for exposure limits on ingredients.
Chemical ingredients not regulated by OSHA or SARA are treated confidentially.

3. HAZARDS IDENTIFICATION

Harmful if swallowed. Irritating to eyes, respiratory system and skin. For further information, please refer to section 11.

CHRONIC EFFECTS:

SENSITIZATION:

No known information.

CARCINOGENICITY:

IARC: Not listed. NTP: Not listed. OSHA: Not regulated.

REPRODUCTION/TERATOGENICITY:

No known information.

HEALTH WARNINGS:

INHALATION. Can irritate airways and lungs. Prolonged inhalation of large concentrations can damage the respiratory system. SKIN CONTACT. Irritating. Repeated or prolonged contact can result in drying of the skin. EYE CONTACT. Irritating. INGESTION. Can cause stomach ache and vomiting. Can cause internal injury.

ROUTE OF ENTRY:

Skin and/or eye contact. Ingestion. Inhalation. Skin absorption.

TARGET ORGANS:

Not known.

4. FIRST AID MEASURES

- INHALATION:** Remove victim immediately from source of exposure. Get medical attention if any discomfort continues. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration.
- INGESTION:** DO NOT induce vomiting. Get medical attention immediately.
- SKIN:** Immediately remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
- EYES:** Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F): 106 **METHOD:** TCC (Tag closed cup).
FLAMMABILITY LIMIT - LOWER(%): 0.7
FLAMMABILITY LIMIT - UPPER(%): 5.0

FLAMMABILITY CLASS:
3.0 Combustible Liquid II

EXTINGUISHING MEDIA:
Use: Dry chemicals, sand, dolomite etc. Foam. Carbon dioxide (CO₂).

SPECIAL FIRE FIGHTING PROCEDURES:
Use water to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control. Use special protective clothing. Regular protection may not be safe. Prevent inhalation of fumes and gases.

UNUSUAL FIRE & EXPLOSION HAZARDS:
Volume and pressure increases strongly when heated. Risk of container explosion in fire.

HAZARDOUS COMBUSTION PRODUCTS:
Acrid smoke/fumes. Oxides of: Carbon. Hydrocarbons.

PROTECTIVE MEASURES IN CASE OF FIRE:
Self-contained breathing equipment and chemical resistant clothing recommended.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:
Minimize skin contact. Avoid breathing vapors; wear appropriate respirator. Remove sources of ignition.

PRECAUTIONS TO PROTECT THE ENVIRONMENT:
Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.

SPILL CLEAN-UP PROCEDURES:
Carefully collect spilled material in closed containers and leave for disposal according to local regulations. Provide good ventilation. Use appropriate protective clothing. Rinse area with water. Do not let washing down water contaminate ponds or waterways.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS:

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Containers to be kept tightly closed. Eye wash and emergency shower must be available at the work place.

STORAGE PRECAUTIONS:

Keep away from heat, sparks and open flame. Store separated from: Acids. Oxidizing materials.

STORAGE CRITERIA:

Chemical storage.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	OSHA PEL:		ACGIH TLV:		OTHER:		UNITS:
		TWA:	STEL:	TWA:	STEL:	TWA:	STEL:	
DISTILLATES, PETROLEUM, SEVERELY HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	5	N.E.	5	10	N/A	N/A	mg/m ³
ETHANOL, 2-BUTOXY-	111-76-2	25	N.E.	25	N.E.	N/A	N/A	ppm(Sk)
STODDARD SOLVENT	8052-41-3	100	N.E.	100	N.E.	350	N.E.	ppm

PROTECTIVE EQUIPMENT:



ENGINEERING CONTROLS:

Use engineering controls to reduce air contamination to permissible exposure level.

VENTILATION: No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

RESPIRATORS: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

PROTECTIVE GLOVES:

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION:

Wear splash-proof eye goggles to prevent any possibility of eye contact.

PROTECTIVE CLOTHING:

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES:

Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE:	Clear. Liquid.	
COLOR:	Red.	
ODOR:	Solvent.	
SOLUBILITY DESCRIPTION:	Insoluble in water.	
DENSITY/SPECIFIC GRAVITY (g/ml):	0.76	TEMPERATURE (°F): 61
VAPOR DENSITY (air=1):	4.9	
VAPOR PRESSURE:	2.0 mmHg	TEMPERATURE (°F): 68
pH-VALUE, CONC. SOLUTION:	N/A	

10. STABILITY AND REACTIVITY

STABILITY: Normally stable.

CONDITIONS TO AVOID:
Avoid heat, flames and other sources of ignition.

HAZARDOUS POLYMERIZATION:
Will not polymerize.

HAZARDOUS DECOMPOSITION PRODUCTS:
Oxides of: Carbon. Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:
No experimental toxicological data on the preparation as such is available.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:
No data on possible environmental effects have been found.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:
Dispose of in accordance with Local Authority requirements. Confirm disposal procedures with environmental engineer and local regulations.

14. TRANSPORT INFORMATION

PROPER SHIPPING DESCRIPTION I: Petroleum distillates, n.o.s.
PRODUCT RQ: N/A
EMERGENCY RESPONSE GUIDE No.: 3L

U.S. DOT:
UN/NA No.: UN1268
U.S. DOT HAZARD LABEL: COMBUSTIBLE (Red diamond), Class 3
U.S. DOT CLASS: Combustible Liquid.
U.S. DOT PACKING GROUP: III
INFORMATION ON ROAD TRANSPORT: Only regulated in containers of 119 gallons or more.

SEA TRANSPORT:
UN No. SEA: UN1268
IMDG CLASS: 3.3
IMDG PACK GR.: III
EmS No.: 3-07
MFAG TABLE No.: 311
MARINE POLLUTANT: No.
INFORMATION ON SEA TRANSPORT: Petroleum distillates, n.o.s.

AIR TRANSPORT:

UN No., AIR: UN1268
 ICAO CLASS: 3
 AIR PACK GR.: III
 INFORMATION ON AIR TRANSPORT: Petroleum distillates, n.o.s.

15. REGULATORY INFORMATION

REGULATORY STATUS OF INGREDIENTS:

NAME:	CAS No:	TSCA:	CERCLA:	SARA 302:	SARA 313:	DSL(CAN):
DISTILLATES, PETROLEUM, SEVERELY HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	Yes	N/A	N/A	N/A	Yes
ETHANOL, 2-BUTOXY-	111-76-2	Yes	Yes	N/A	Yes	Yes
STODDARD SOLVENT	8052-41-3	Yes	N/A	N/A	N/A	Yes

US FEDERAL REGULATIONS: REGULATORY STATUS:

This Product or its components, if a mixture, is subject to following regulations (Not meant to be all inclusive - selected regulations represented): SECTION 313: This product contains toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372. TSCA: The ingredients of this product are on the TSCA Inventory. CERCLA 302.4. GLYCOL ETHERS at 1 - 5%.

STATE REGULATIONS: STATE REGULATORY STATUS:

This product or its components, if a mixture, is subject to following regulations (Not meant to be all inclusive - selected regulations represented):.

CANADIAN REGULATIONS: LABELS FOR SUPPLY:



REGULATORY STATUS:

This Material Safety Data Sheet has been prepared in compliance with the Controlled Product Regulations.

16. OTHER INFORMATION

NFPA HAZARD RATING:

HEALTH: Irritation, minor residual injury (1)
 FLAMMABILITY: Burns only if heated moderately (2).
 REACTIVITY: N/A (0).
 SPECIAL HAZARD: N/A

NPCA HMIS HEALTH: 1 Slight Hazard
 PERS. PROTECT. INDEX: C

PREPARED BY: Stacey Lorenz

DATE: August 29, 2001

DISCLAIMER:

While the information and recommendations set forth herein are believed to be accurate as of the date thereof, Chemtool Incorporated makes no warranty with respect thereto and disclaims all liability from reliance therein.