



MATERIAL SAFETY DATA SHEET

ANDIS CLIPPER OIL

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME	ANDIS CLIPPER OIL
Product number	7803600000
PRODUCT USE	Lubricating oil for clippers and trimmers.
SUPPLIER	Andis Company P.O. Box 085005 Racine, WI 53408-5005 Tel: +1 262 884 2600
EMERGENCY TELEPHONE	INFOTRAC U.S. and Canada - (800) 535-5053 Outside the U.S. and Canada - +01-352-323-3500
Date of last issue	2010-06-18

2. COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	WEIGHT
Mineral Oil, Petroleum Distillates, light paraffinic (<3% IP 346 DMSO Extracts)	64742-55-8	>99 %

COMPOSITION COMMENTS	The identity of chemical ingredients not regulated by U.S. or Canadian Federal or Regional Regulations (e.g. regulations such as OSHA HCS, EPA (TSCA , CAA and RCRA), HC WHMIS and EC CEPA) are treated confidentially and are not disclosed above. Refer to section eight (8) for exposure limits on ingredients.
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3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Combustible Liquid; Class IIIB
Not regarded as a health hazard under current legislation.

HEALTH HAZARDS, GENERAL Prolonged exposure to product mist or vapors may cause respiratory irritation.

INHALATION Exposure via inhalation is not significant at ambient temperatures, unless the product is aerosolized.

INGESTION	Very low toxicity if swallowed. May cause digestive system irritation. The paraffinic distillate in this product has a viscosity > 7 mm ² /s (7 cSt) at 40 deg C; therefore, if ingested, it has a low potential to be aspirated into the lungs and is not classified with Risk Phrase R-65 in the EU.
SKIN	Liquid may irritate skin. Prolonged and repeated liquid contact can cause defatting and drying of the skin and can lead to irritation and/or dermatitis.
EYES	Essentially nonirritating to eyes.
SENSITIZATION	Not known to be a sensitizer.
CARCINOGENICITY	No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard to humans. NTP: Not listed. IARC: Not listed as a Group 1, 2A, or 2B agent. OSHA: Not regulated.
TERATOGENICITY	No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.
MUTAGENICITY	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
HEALTH WARNINGS	INHALATION. Inhalation of product vapor or mist may cause irritation of mucous membranes in nasal passages and throat. SKIN CONTACT. Slightly irritating. Repeated or prolonged contact can result in drying of the skin. EYE CONTACT. Irritating. INGESTION. Can cause stomach ache and vomiting.
ROUTE OF ENTRY	Skin and/or eye contact. Ingestion. Inhalation.
TARGET ORGANS	Skin.
MEDICAL INFORMATION	Conditions aggravated by exposure may include: Skin disorders and allergies.

4. FIRST AID MEASURES

GENERAL	Remove affected person from source of contamination. Do not give victim anything to drink if he is unconscious.
INHALATION	Remove exposed person to fresh air if adverse effects are observed. For breathing difficulties oxygen may be necessary. When risk of unconsciousness, place and transport the victim in secured sideposition. When unconscious, loosen tight clothing and position in secured sideposition. Get medical attention if any discomfort continues.
EYES	Promptly wash eyes with lots of water while lifting the eye lids. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if any discomfort continues.
SKIN	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. Launder contaminated clothing before reuse.
INGESTION	Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. When unconscious, loosen tight clothing and position in secure sideposition. Consult a physician for specific advice.

Contact your local poison control center or get medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (°C)	>182.2 C (>360 F) Cd OC (Cleveland open cup).
AUTO IGNITION TEMP. (°C)	>308.3 C (>587 F)
FLAMMABILITY LIMIT - LOWER(%)	No data available.
FLAMMABILITY LIMIT - UPPER(%)	No data available.
FLAMMABILITY CLASS	3.2 Combustible Liquid IIIB - Flash Point equal to or greater than 200°F.
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. Keep run-off water out of sewers and water sources. Dike for water control. Avoid water in straight hose stream; will scatter and spread fire.
UNUSUAL FIRE & EXPLOSION HAZARDS	Pressure will increase in over heated, closed containers.
HAZARDOUS COMBUSTION PRODUCTS	Acrid smoke/fumes. Oxides of: Carbon.
PROTECTIVE MEASURES IN CASE OF FIRE	Should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Minimize skin contact. 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	Keep all sources of ignition and hot metal surfaces away from spill. Avoid contact with eyes or skin. Place leaking containers in well ventilated area. If fire potential exists, blanket spill with foam or use water spray to disperse vapors. Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, flush area sparingly with water or use absorbant material. Avoid discharge to natural water ways.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS	Do not reuse container. Keep lid closed when not in use. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Do not store or mix with strong oxidizers. Avoid spilling, skin and eye contact. Eye wash station should be available at the work place. Keep away from heat, sparks and open flame. Containers should be kept tightly closed.
STORAGE PRECAUTIONS	Keep away from heat, sparks and open flame. Store separate from strong acids and oxidizers.
STORAGE CRITERIA	Chemical storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

COMPONENT	STD	TWA	STEL	TWA	STEL
Mineral Oil, Petroleum Distillates, light paraffinic (<3% IP 346 DMSO Extracts)	OSHA	None	None	5 mg/m3 (oil mist)	None
	ACGIH	None	None	5 mg/m3 (oil mist)	10 mg/m3 (oil mist)

PROTECTIVE EQUIPMENT



ENGINEERING CONTROLS

Use engineering controls to reduce air contamination to permissible exposure level. Provide hand washing and standard hygiene facilities.

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

Safety glasses equipped with side shields are recommended as minimum protection in industrial settings.

PROTECTIVE CLOTHING

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES

Wash promptly with soap & water if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes wet or contaminated. Isolate contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE	Clear. Liquid.	
COLOR	Pale. or Blue.	
ODOR	Mild (or faint). Petroleum.	
SOLUBILITY DESCRIPTION	Insoluble in water.	
MOL. WEIGHT	330.00	
BOILING POINT (°C, range)	No data available.	Pressure
MELT./FREEZ. POINT (°C, interval)	-15 C (+5 F) [Pour Point]	
SPECIFIC GRAVITY	0.8607	
VAPOR DENSITY (air=1)	> 1	

EVAPORATION RATE	< 1 [Estimated]	Reference	BuAc=1
VOLATILE BY VOL. (%)	Nil.		
pH-VALUE, CONC. SOLUTION	Not applicable.		
pH-VALUE, DILUTED SOLUTION	No data available.	Concentration %M	
VISCOSITY (interval)	80.6 SUS	Temperature (°C)	37.7 C (100 F)
VOLATILE ORGANIC CONTENT	No data available.		

10. STABILITY AND REACTIVITY

STABILITY	Normally stable.
CONDITIONS TO AVOID	Avoid strong heating, open flame and ignition sources.
HAZARDOUS POLYMERIZATION	Will not occur.
POLYMERIZATION DESCRIPTION	Not applicable
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of: Carbon.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION	No experimental toxicological data on the preparation as such is available.
COMPONENT	Mineral Oil, Petroleum Distillates, light paraffinic (<3% IP 346 DMSO Extracts)
TOXICOLOGICAL DATA	WHMIS (Canada) Not Listed Irritating effects. Eye. Rabbit. Not irritating Irritating effects. Skin. Rabbit. Not irritating Guide-line 404 Carcinogenicity. Not expected to be carcinogenic Sensitization. Guinea pig. Not a sensitizer
TOXIC DOSE - LD 50	> 5000 mg/kg (oral rat)
TOXIC DOSE - LD 50 SKIN	> 2000 mg/kg (skn rbt)
TOXIC CONC. - LC 50	2.18 mg/m ³ /4h (inh-rat)
CARCINOGENICITY	Possible cancer hazard based on tests with laboratory animals.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION	There is no ecological data on the product itself.
COMPONENT	Mineral Oil, Petroleum Distillates, light paraffinic (<3% IP 346 DMSO Extracts)
ECOTOXICOLOGICAL DATA	WGK Not listed Biodegradability. OECD-test. Not readily biodegradeable Guide-line 301B Bioaccumulation. No data available

LC50, 96 HRS, FISH, mg/l	>5000
EC50, 48 HRS, DAPHNIA, mg/l	>1000
EC50, 72 HRS, ALGAE, mg/l	No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.
WASTE CLASSIFICATION	Under RCRA it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for a hazardous waste. State and local regulations should also be consulted regarding proper disposal.

14. TRANSPORT INFORMATION

DOT HAZARD CLASS	Not regulated.
REPORTABLE QUANTITY (RQ)	No
TDGR SHIPPING NAME	Not regulated.
SEA TRANSPORT NOTES	Not regulated per IMDG.
AIR TRANSPORT NOTES	Not regulated per IATA.

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

COMPONENT	SARA 302	CERCLA	SARA 313
Mineral Oil, Petroleum Distillates, light paraffinic (<3% IP 346 DMSO Extracts)	No	No	No

REGULATORY STATUS	Product is classified as NOT HAZARDOUS under the OSHA Hazard Communication Standard (29 CFR 1910.1200).
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CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
Mineral Oil, Petroleum Distillates, light paraffinic (<3% IP 346 DMSO Extracts)	No

SARA HAZARD CATEGORIES	Chronic
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US STATE REGULATIONS

COMPONENT	CA	MA	FL	MN	NJ	PA	RI
Mineral Oil, Petroleum Distillates, light paraffinic (<3% IP 346 DMSO Extracts)	No	No	No	No	No	No	No

STATE REGULATORY STATUS	CALIFORNIA PROPOSITION 65 CANCER HAZARD: This product contains the following chemical(s) considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 as causing cancer, and for which warnings are now required:
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None.

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM - WHMIS

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

CONTROLLED PRODUCT CLASSIFICATION

Not a controlled product.

Risk phrases

Risk Phrases and Classification Applicable in the European Union (EU):

Not classified as hazardous per Directives 67/548/EEC and 1999/45/EEC as well as Regulations (EC) No 1907/2006 and 1272/2008.

GLOBAL INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	PHLP	CHN
Mineral Oil, Petroleum Distillates, light paraffinic (<3% IP 346 DMSO Extracts)	DSL	Yes	EINECS	Yes	Yes	Yes	Yes	Yes

COMPONENT

Mineral Oil, Petroleum Distillates, light paraffinic (<3% IP 346 DMSO Extracts)

TSCA 12(b) Export Notification

No

USA (TSCA)

All components in this product are listed on the US Toxic Substances Control Act (TSCA) Inventory or are exempt from TSCA Inventory requirements.

CANADA (DSL)

All components in this product are listed on the Canada Domestic Substances List (DSL) or are exempt from DSL requirements.

EUROPE (EINECS/ELINCS/NLP)

All components in this product are listed on the European Inventory of New and Existing Chemical Substances (EINECS), the European List of Notified Chemical Substances (ELINCS), or the No Longer Polymers (NLP) list, or are exempt from EU listing requirements.

JAPAN (ENCS)

All components in this product are listed on the Japan Inventory of Existing and New Chemical Substances (ENCS) or are exempt from ENCS requirements.

PHILIPPINES (PICCS)

All components in this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS) or are exempt from PICCS requirements.

AUSTRALIA (AICS)

All components in this product are listed on the Australian Inventory of Chemical Substances (AICS) or are exempt from AICS requirements.

KOREA (ECL)

All components in this product are listed on the Korea Existing Chemicals List (ECL) or are exempt from KECL requirements.

CHINA (IECS)

All components in this product are listed on the China Inventory of Existing Chemical Substances (IECS) or are exempt from IECS requirements.

16. OTHER INFORMATION**NFPA-HMIS HAZARD RATING****HEALTH**

Irritation, minor residual injury (1) - HMIS/NFPA

FLAMMABILITY

Burns only if pre-heated (1) - HMIS/NFPA

REACTIVITY

Normally Stable (0) - HMIS/NFPA

PERSONAL PROTECTION INDEX

B - Safety Eyewear and Gloves

PREPARED BY

Regulatory Department, Chemtool, Incorporated

REVISION No. 1.0

MSDS No. 14591

DATE 2010-06-18

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.

* Information revised since previous MSDS version

PRINTING DATE: 2010-06-18