

AT-196

MATERIAL SAFETY DATA SHEET

**DAPHNE
HONING OIL HT**
 PRODUCT

SECTION I - IDENTIFICATION OF PRODUCT

MANUFACTURER'S NAME	APOLLO (THAILAND) CO., LTD.	TELEPHONE NO.	0-3845-6900
ADDRESS	Amatanakorn Industrial Estate 700/623 Moo 4, Bankao, Panthong, Chonburi 20160		
TRADE NAME	DAPHNE HONING OIL HT	CHEMICAL NAME	Hydrocarbon
CHEMICAL FAMILY	Metal Working Lubricant	CHEMICAL FORMULA	Proprietary Mixture

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS	
None	เอกสารต้นฉบับ (Original) 01 OCT 2005
All components are included on the U.S. TSCA Inventory, and have MITI and MOL numbers in Japan.	

SECTION III - TYPICAL PHYSICAL DATA

APPEARANCE AND ODOR	Colorless liquid with characteristic odor	DENSITY AT 15°C	0.84
BOILING POINT °C	--	MELTING POINT °C	--
VAPOR PRESSURE	> 10 mmHg at 20°C	EVAPORATION RATE	Negligible
VAPOR DENSITY (AIR 1)	> 1.0		
SOLUBILITY IN WATER	Negligible		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT °C (METHOD)	102 (C.O.C.)	FLAMMABLE LIMITS	LEL : 0.5 Vol% UEL : 4.5 Vol%
FIRE EXTINGUISHING MEDIA	Foam, dry chemical, water spray, water fog or carbon dioxide.		
SPECIAL FIRE FIGHTING PROCEDURES	Use water spray to cool fire exposed surfaces and to protect personnel.		
UNUSUAL FIRE FIGHTING PROCEDURES	Respiratory protection required for fire fighting personnel.		
HAZARDOUS PRODUCTS OF COMBUSTION	Fumes, smoke, oxides of nitrogen and carbon.		

SECTION V - HEALTH HAZARD DATA

DAPHNE HONING OIL HT

THRESHOLD LIMIT VALUE	--	OCCUPATIONAL EXPOSURE	500 ppm or less (recommend)
HEALTH HAZARD-ACUTE AND CHRONIC	Warning : may causes eye irritation and skin irritation.		
EMERGENCY AND FIRE AID	SKIN :	Wash with soap and water	
	EYE :	Flush immediately with water for at least 15 minutes. See a physician	
	INHALATION :	Remove to fresh air. See a physician if irritation persists	
	ORAL :	Call a physician. Do not induce vomiting	

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE	--	CONDITION TO AVOID	--	เอกสารต้นฉบับ (Original) 01 OCT 2005
	STABLE	X			
INCOMPATIBILITY-MATERIALS TO AVOID	Strong oxidizing agents.				
HAZARDOUS DECOMPOSITION PRODUCT	Not applicable				

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Keep public away. Shut off source if possible to do so without hazard.
Advise police if substance has entered a watercourse or sewer, or has contaminated soil or vegetation.	
WASTE DISPOSAL METHOD	Contain spilled liquid with sand or earth. Recover free liquid by pumping or with a suitable absorbent. Incinerate in an approved manner or use approved land fill facility conforming to local disposal regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND	Keep container closed when not in use. Keep away from heat and open flames.
Do not store near flame, heat or strong oxidants. Do not get in eyes. Avoid prolonged or repeated skin contact. Avoid breathing oil mists.	

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION	VENTILATION	LOCAL EXHAUST	Usually not needed in open, unconfined areas
Usually not needed		MECHANICAL	--
PROTECTIVE GLOVES	Chemically resistant (neoprene or plastic).	EYE PROTECTION	Chemical splash goggles.
OTHER PROTECTIVE EQUIPMENT	Usually not needed.		

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 NEW REVISED : SUPERSEDED