

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER Norvey Turbine Oil, ZS-75, 10-ZS-75		PRODUCT IDENTIFICATION NUMBER (PIN) N/A	
PRODUCT USE Industrial Oil			
MANUFACTURER'S NAME Norvey Inc.		SUPPLIER'S NAME Alltemp Products Co. Ltd	
STREET ADDRESS 300 South Standard Ave.		STREET ADDRESS 827 Brock Rd. South	
CITY Santa Ana	PROVINCE California	CITY Pickering	PROVINCE Ontario
POSTAL CODE 92701	EMERGENCY TELEPHONE 1-714-973-2381	POSTAL CODE L1W 3J2	EMERGENCY TELEPHONE NO. N/A

SECTION 2 — HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
White Mineral Oil	100	8042-47-5		

SECTION 3 — PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Colorless , Odorless			ODOUR THRESHOLD (ppm) N/A
VAPOUR PRESSURE (mm Hg) No Data	VAPOUR DENSITY (AIR=1) >1	EVAPORATION RATE (nBuAc=1) <1	BOILING POINT (°C) >572F/300C	FREEZING POINT (°C) No Data
pH No Data	SPECIFIC GRAVITY (Water=1) 0.85	COEFF. WATER/OIL DIST. Not Determined		

SECTION 4 — FIRE AND EXPLOSION DATA

FLAMMABILITY YES Keep away from all sources of ignition and excess heat.			
MEANS OF EXTINCTION Dry chemical, carbon dioxide, halon, foam or water spray is recommended. Water or foam may cause frothing of materials heated above 212F. Halon may decompose into toxic materials. Carbon dioxide can displace oxygen. Use caution when applying halon or carbon dioxide in confined spaces.			
FLASHPOINT (°C) AND METHOD 345F/174C	UPPER FLAMMABLE LIMIT (% BY VOLUME) N/A	LOWER FLAMMABLE LIMIT (% BY VOLUME) N/A	
AUTOIGNITION TEMPERATURE (°C) No Data	HAZARDOUS COMBUSTION PRODUCTS oxides of carbon, oxides of sulfur and nitrogen.		
EXPLOSION DATA Not Determined	SENSITIVITY TO IMPACT	SENSITIVITY TO STATIC DISCHARGE Not Determined	

SECTION 5 — REACTIVITY DATA

CHEMICAL STABILITY YES
INCOMPATIBILITY WITH OTHER SUBSTANCES YES Avid contact with strong oxidizing agents.
REACTIVITY, AND UNDER WHAT CONDITIONS: Extended exposure to high temperatures can cause decomposition.
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion can yield major amounts of oxides of carbon and minor amounts of oxides of sulfur and also nitrogen.

PRODUCT

IDENTIFIER Norway Turbine Oil, ZS-75, 10-ZS-75

SECTION 6 — TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT

EYE CONTACT

INHALATION

INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Eye Contact: May cause eye irritation. Ingestion: Low toxicity if ingested, has laxative effect. Skin Contact: Minimally irritating.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

Skin Contact: Prolonged exposure to skin may cause chapping, cracking or possible dermatitis. Inhalation: If sprayed or mist may cause chemical pneumonitis

EXPOSURE LIMITS

N/A

IRRITANCY OF PRODUCT

N/A

SENSITIZATION TO PRODUCT

N/A

CARCINOGENICITY

N/A

TERATOGENICITY

N/A

REPRODUCTIVE TOXICITY

N/A

MUTAGENICITY

N/A

SYNERGISTIC PRODUCTS

N/A

SECTION 7 — PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY)

Rubber gloves

RESPIRATOR (SPECIFY)

A self contained breathing apparatus should be used in case of indoor fire.

EYE (SPECIFY)

Splash proof goggles

FOOTWEAR (SPECIFY)

Rubber overshoes

CLOTHING (SPECIFY)

None

OTHER (SPECIFY)

Respiratory and eye protection required for fire fighting personnel.

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS.) Local exhaust is recommended

LEAK AND SPILL PROCEDURE

May ignite. Keep all sources of ignition away from spill/release. Use explosion-proof equipment. Stay upwind and away from spill/release. Wear appropriate protective equipment including respiratory protection as conditions warrant.

WASTE DISPOSAL

Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

HANDLING PROCEDURES AND EQUIPMENT

STORAGE REQUIREMENTS

SPECIAL SHIPPING INFORMATION

Chemical Name (UN#)	Class	Sub Class	Small Means Of Containment	Waiver for Consumer Commodities
White Mineral Oil	N/A	N/A	N/A	N/A

SECTION 8 — FIRST AID MEASURES

SPECIFIC MEASURES

Eye Contact: Flush eyes with copious amounts of warm water for 15 minutes. Consult a physician if eyes inflamed.

Skin Contact: Remove contaminated clothing, launder or dry clean clothes before reuse. Dispose of leather articles.

Inhalation: Evacuate to a safe area with plenty of fresh air. Allow affected person to rest in a well ventilated area then seek medical aid immediately.

Ingestion: Do Not induce vomiting. Consult a physician.

SECTION 9 — PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.)

PHONE NUMBER

DATE

Health and Safety Department

905-831-3311

04/13/07

