MSDS

(Posted 9/13/2012)

The attached MSDS sheets apply to the following products. Please file accordingly.

VENDOR: **NORVEY, INC. C328-00**

STOCK#	MFG#/DESCRIPTION
G84-620	93240 MULTI-PURPOSE OILER

MATERIAL SAFETY DATA SHEET -- REPORT NO. 3562t

COVERING A PRODUCT CALLED NORVEY "TURBINE" OIL

A PRODUCT OF: NORVEY, INC.

REPORT NUMBER: 3562t PAGE 1
EFFECTIVE DATE: 1/3/10

COMPANY ADDRESS:

NORVEY, INC.
300 SOUTH STANDARD AVENUE
SANTA ANA, CA 92701
TEL: (714) 973-0330
FAX: (714) 973-2383 0R (714) 973-2381

IF OUR ASSISTANCE IS REQUIRED DUE TO ANY KIND OF AN EMERGENCY WHICH MAY OCCUR DURING THE DAY AND/OR DURING THE NIGHT (INCLUDING WEEKENDS AND/OR HOLIDAYS), PLEASE CALL ONE OR MORE OF THE FOLLOWING TELEPHONE NUMBERS:

TO REACH US DURING BUSINESS HOURS, MONDAY THROUGH FRIDAY

PLEASE CALL (714) 973-0330

TO REACH US EVENINGS, NIGHTS AND/OR HOLIDAYS:

TRY ONE OR MORE OF THESE NUMBERS: (714) 557-4161, 283-5388 OR 641-6883

IF YOU WISH TO REACH US VIA FAX, DIAL (714) 973-2383, ANY TIME DAY OR NIGHT, DURING THE WORK WEEK, WEEKENDS OR HOLIDAYS.

FOR ANY AND ALL SALES AND TECHNICAL ASSISTANCE: PLEASE CALL THE OUR MAIN HEADQUARTERS TELEPHONE NUMBER, (714) 973-0330 DURING THE WORK WEEK, OR USE FAX NUMBER (714) 973-2383.

Product Name: NOVEY "TURBINE" OIL

Product Code: 04411

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: NORVEY "TURBINE" OIL
Product code: 04411
Synonyms: none
Generic Name: Industrial Oil, Mineral
Chemical Family: Petroleum Hydrocarbon

Responsible Party: HARVEY BRODY, PRESIDENT
NORVEY, INC.
300 SOUTH STANDARD AVENUE
SANTA ANA, CA 92701
TEL: (714) 973-0330
FAX: (714) 973-2383

Also see telephone and fax numbers listed above

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
Product Code: 04411

EMERGENCY OVERVIEW

Health Hazards: None Anticipated

Physical Hazards: Liquid or vapor may ignite. Keep away from all sources of ignition and excess heat.

Physical Form: Liquid
Appearance: Colorless
Odor: Ordorless

NFPA HAZARD CLASS:		
	Health:	1 (Slight)
	Flammability:	1 (slight)
	Reactivity:	0 (least)

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
Product Code: 04411

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	% VOLUME	EXPOSURE GUIDELINE		
		Limits	Agency	Type
Oil Mist, If Generated		5 mg/m3	ACGIH	TWA
CAS# None		10 mg/m3	ACGIH	STEL
		5 mg/m3	OSHA	TWA
		5 mg/m3	MSHA	TWA
		5 mg/m3	Cal.OSHA	TWA

OTHER COMPONENTS	% VOLUME	EXPOSURE GUIDELINE		
		Limits	Agency	Type
White Mineral Oil	100	(See: Oil Mist, If Generated)		
CAS# 8042-47-5				

2. COMPOSITION/INFORMATION ON INGREDIENTS, CON'T.

Note: OSHA exposure limits adopted in 1989 were vacated by the U.S. Court of Appeals. OSHA PEL's listed above (if any) may be included in those that were overturned, but are provided as guidance. Enforceable limits may be less stringent and/or may not yet be established.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

Eye: Contact may cause mild eye irritation including stinging, watering and redness.

Skin: Contact may cause mild skin irritation including redness and burning. No harmful effects from skin absorption have been reported.

Inhalation (Breathing): Low degree of toxicity by inhalation.

Ingestion (Swallowing): Low degree of toxicity by ingestion.

Signs and Symptoms: Effects of overexposure may include diarrhea.

Cancer: No evidence of cancer has been demonstrated in well conducted studies.

Target Organs: No data available.

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
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Developmental: No data available.

Pre-Existing Medical Conditions: None known

4. FIRST AID MEASURES

Eye: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with plenty of clean water. If systems persist, seek medical attention.

Skin: Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and/or persists, seek medical attention immediately.

Inhalation (Breathing): First aid is not normally required. If breathing difficulties develop, move victim away from source of exposure and into fresh air. Seek immediate medical attention.

Ingestion (Swallowing): No first aid is normally required, but it is a good idea to seek medical attention anyway.

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
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4. FIRST AID MEASURES, CON'T.

Note To Physicians: Acute aspiration of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Repeated aspiration of small quantities of mineral oil may produce chronic inflammation of the lung (i.e., lipoid pneumonia) that may progress to pulmonary fibrosis. Symptoms often are subtle and radiological changes appear worse than clinical abnormalities. An occasional and persistent cough, irritation of the upper respiratory tract, shortness of breath with exertion, fever, and bloody sputum occur. Inhalation exposure to oil mists below current workplace exposure limits, is unlikely to cause pulmonary abnormalities.

5. FIRE FIGHTING MEASURES

Flammable Properties: Flash Point: 345°F/174°C (COC)
OSHA Flammability Class: Not regulated
LEL/UEL: No Data
Auto-ignition Temperature: No Data

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
Product Code: 04411

5. FIRE FIGHTING MEASURES, CON'T.

Unusual Fire & Explosion Hazards: This material may burn, but will not ignite readily. Vapors are heavier than air and can accumulate in low areas. If container is not properly cooled, it can explode in the heat of a fire.

Extinguishing Media: Dry chemical, carbon dioxide, halon, foam or water spray is recommended. Water or foam may cause frothing of materials heated above 212°F. Halon may decompose into toxic materials. Carbon dioxide can displace oxygen. Use caution when applying halon or carbon dioxide in confined spaces.

Fire Fighting Instructions: Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient stage (29CFR 1910. 156). In addition, wear other appropriate protective equipment as conditions warrant (see Section 8). Isolate damage area and keep all unauthorized personnel out. Stop spill/release, if it can be done with minimal risk. Move undamaged containers from danger area, if it can be done with minimal risk. Water spray may be useful in minimizing or dispersing vapors. Cool equipment exposed to fire with water, if it can be done with minimal risk. Avoid spreading burning liquid with any water that was used for cooling purposes.

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
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6. ACCIDENTAL RELEASE MEASURES

May ignite. Keep all sources of ignition away from spill/release. Use explosion-proof equipment. Stay upwind and away from spill/release. Isolate danger area and keep all unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8). Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems and natural waterways. Dike far ahead of spill for later recovery or disposal. Spilled material may be absorbed into an appropriate absorbent material. Notify fire authorities and appropriate federal, state, and local agencies. Immediate cleanup of any spill is recommended. If spill of any amount is made into (or on) navigable waters, the contiguous zone, or adjoining shorelines, notify the National Response Center (telephone number 800-424-8802).

7. HANDLING AND STORAGE

Handling: Do not enter confined spaces such as tanks or pits, without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. The use of respiratory protection is advised when concentrations exceed any established exposure limits (see Sections 2 and 8). Wash thoroughly after any handling. Do not wear contaminated clothing or shoes.

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
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7. HANDLING AND STORAGE, CON'T.

"Empty" containers retain residue (liquid and/or vapor) and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, or other sources of ignition, because they may explode and cause injury or death. "Empty" drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Before working on (or in) tanks which contain (or have contained) this material, refer to Occupational Safety and Health Administration Regulations, ANSI Z49.1 and other governmental and industrial references pertaining to cleaning, repairing, welding and/or other contemplated operations.

Storage: Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat and all sources of ignition. Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage.

Never store any kind of a container with vapors of any kind inside, in an area where heat, ignition sources or flames are present.

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits (see Section 2), additional ventilation or exhaust systems may be required.

Personal Protective Equipment (PPE):

Respiratory: The use of respiratory protection is advised when concentrations are expected to exceed the established exposure limits (see Section 2). Depending on the airborne concentration, use a respirator with appropriate cartridges (NIOSH approved, if available) or supplied-air equipment.

Skin: Not required, based on the hazards of the material. However, it is considered good practice to wear gloves when handling any and all chemicals.

Eye/Face: While contact with this material is not expected to cause irritation, the use of approved eye protection in order to safeguard personnel against potential eye contact is considered good practice.

Other Protective Equipment: It is suggested that a source of clean water be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
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9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

Flash Point: 345°F/174°C (COC)

Flammable/Explosive Limits (%): No Data

Auto-ignition Temperature: No Data

Burn Rate (solids only): No Data

Appearance: Colorless

Physical State: Liquid

Odor: Odorless

pH: No Data

Vapor Pressure (mm Hg): No Data

Vapor Density (air=1): >1

Boiling Point: >572°F/300°C

Freezing/Melting Point: No Data

Solubility in Water: Negligible

Specific Gravity: 0.85

Percent Volatile: Negligible

Evaporation Rate (nBuAc=1): <1

Bulk Density: 7.08 lbs/gal

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of storage and handling.

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
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10. STABILITY AND REACTIVITY, CON'T.

Conditions To Avoid: Extended exposure to high temperatures can cause decomposition.

Incompatible Materials: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Combustion can yield major amounts of oxides of carbon and minor amounts of oxides of sulfur and also nitrogen.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

No definitive information available on carcinogenicity, mutagenicity, target organs or developmental toxicity.

12. DISPOSAL CONSIDERATIONS

This material, as produced, is not an EPA "listed" hazardous waste, but has not been evaluated using the Toxicity Characteristic Leaching Procedure (TCLP). The EPA hazardous waste classification has not been determined.

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
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12. DISPOSAL CONSIDERATIONS, CON'T.

Empty containers must be handled with care due to material residue. Empty drums should be completely drained, properly bunged, and promptly returned to the supplier or shipped to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Any rinsate should be considered RCRA hazardous waste and must be disposed of with care.

State and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

13. TRANSPORT INFORMATION

Hazard Class or Division: Not regulated

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
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14. REGULATORY INFORMATION

This material contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372:

--None--

WARNING: This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65 (CA Health & Safety Section 25249.5):

--None Known--

This material has not been identified as a carcinogen by NTP, IARC, or OSHA. For carcinogenicity information on individual components, see Section 11.

EPA (CERCLA) Reportable Quantity: --None--

Revised Sections: none
Product Name: NORVEY "TURBINE" OIL
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15. DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

NOTE:

THIS PRODUCT HAS BEEN DESIGNED TO BE USED ON MECHANICAL LINKAGES AS A LIGHT LUBRICANT AND IT NOT DOES NOT CONTAIN ADDITIVES THAT WOULD MAKE IT SUITABLE FOR USE WITH HEAVY LOADS, IN INSTANCES WHERE AN ALL-PURPOSE TURBINE TYPE LUBRICATING OIL SHOULD BE USED. NO ADDITIVES FOR ANTI-RUST, WETTING AGENT ETC., HAVE BEEN ADDED.

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NOTE:

PLEASE MODIFY ANY AND ALL GRAPHICS, TYPOGRAPHY AND WORDING ON ALL EXISTING LITERATURE RELATED TO THIS COMMERICAL PRODUCT, WHICH IS SOLD UNDER THE NAME NORVEY "TUURBINE" OIL, SO THAT THE EXISTING LITERATURE IS CONSTANTLY MADE TO CONFORM TO THE SAFETY DATA AND HANDLING INFORMATION CONTAINED HEREIN.

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THEREFORE, ANY AND ALL USERS ARE RESPONSIBLE FOR VERIFYING THIS DATA IN RESPECT TO THEIR OWN OPERATING CONDITIONS AND/OR USES, IN ORDER TO DETERMINE WHETHER THIS PRODUCT IS SUITABLE FOR THE PARTICULAR PURPOSES AND USES INTENDED.

Revised Sections: none
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15. DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES, CON'T.

IN ADDITION, ANY AND ALL USERS MUST ASSUME ALL RISKS FOR THE UTILIZATION, HANDLING AND DISPOSAL OF THIS PRODUCT, WHEN IT IS UNDER THEIR CONTROL AND/OR IN THEIR POSSESSION. USERS MUST ALSO ASSUME ANY AND ALL RISKS RELATED TO THE PROPER USE, HANDLING AND DISPOSAL OF THIS PRODUCT.

THIS INFORMATION RELATES ONLY TO THE PRODUCT, HEREIN DESIGNATED AS NORVEY "TURBINE" OIL.

IT DOES NOT RELATE TO THE USE OF THIS PRODUCT IN COMBINATION WITH ANY OTHER MATERIAL, OR WHEN USED AS A PART OF ANY OTHER PROCESS.