MSDS # 12
4/23/07

Material Safety Data Sheet

ITW DYKEM®

HMIS®			
HEALTH	1	REACTIVITY	0
FLAMMABILITY	1	PERSONAL PROTECTION	B

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identity: Air Tool Oil **Item No:** 15000, 15002, 15003 **Formula:** CSA-0321	*Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*
Another Exclusive Product of: ITW Dykem	**Emergency Telephone Number** 1-800-535-5053 (Domestic), 1-352-323-3500 (International)
Address (Number, Street, City, State, and ZIP Code) 805 East Old 56 Highway	**Telephone Number for Information** 1-800-443-9536 or 1-913-397-9889
Olathe, KS 66061-4914	**Date Prepared** 9/4/06
Product Class: Lubricants	**Signature of Preparer (Optional)** Regulatory Dept.

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	%(Opt.)
Severely Hydrotreated Naphthenic Petroleum Oil	64742-52-5	No data	No data	*5 mg/m3	90 – 99%
Lard Oil	8016-28-2	No data	No data	*5 mg/m3	1 – 10%

* If mists are generated in the use of this product; then the following values for petroleum oils apply.

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW – Light colored oil with mild petroleum odor. May cause respiratory tract irritation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Use only with adequate ventilation. Observe usual precautionary measures for dealing with chemicals when handling material.

POTENTIAL HEALTH EFFECTS

Eyes: Oil may cause slight irritation.
Skin: Oil may cause slight skin irritation.
Ingestion: No data.
Inhalation:: No data.

CHRONIC HEALTH EFFECTS

Prolonged repeated overexposure to this product may lead to skin sensitization or dermatitis.

SECTION 4 FIRST AID MEASURES

Eyes – Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get immediate medical attention.
Inhalation – Remove exposed person to fresh air. Get immediate medical attention.
Skin – Flush skin with plenty of water. Remove contaminated clothing and shoes.
Ingestion – If large quantities of this material are swallowed, get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point (Method Used)	Flammable Limits	LEL	UEL
212°F		No data	No data

Extinguishing Media -

Use water fog, foam, dry chemical or CO2. Use water spray to cool fire-exposed containers and to protect personnel. Do not direct a solid stream of water or foam into burning molten material; this may cause spattering and spread the fire.

Special Fire Fighting Procedures -

Keep containers cool and vapors down with water spray. Prevent spill from entering drains, sewers, streams or other bodies of water. If run-off occurs, notify proper authorities.

Unusual Fire and Explosion Hazards – Toxic fumes, gases or vapors may evolve on burning.

SECTION 6 ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Allow liquid to cool, collect the solid material and place in non-leaking container; seal properly and dispose of properly in compliance with federal, state, and local regulations.

LARGE SPILL: Allow liquid to cool, collect the solid material and place in non-leaking container; seal properly and dispose of properly in compliance with federal, state, and local regulations.

SECTION 7 HANDLING AND STORAGE

HANDLING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, sparks, flames, static electricity, or other sources of ignition.

STORAGE:
Keep away from heat, sparks and open flames. Keep out of reach of children. Keep container tightly sealed when not in use. Store in cool, well-ventilated place away from incompatible materials.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Type) –
Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Engineering Controls	**Local Exhaust**	Not usually needed	**Special**	None
	Mechanical (General)	Not usually needed	**Other**	None

Protective Gloves – Chemical resistant gloves if skin contact is possible (consult your safety equipment supplier).

Eye Protection – Not normally required if used as intended. Wear chemical splash goggles in compliance with OSHA regulation if splashing is possible.

Other Protective Clothing or Equipment -
Not usually necessary. If direct contact is possible, wear apron, boots, face shield, gloves etc. as needed.

Work/Hygienic Practices -
Follow label instructions. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	400°F	**Specific Gravity (H_2O = 1)** @70° F	0.91
Vapor Pressure (mm-Hg @ 70° F)	No data	**Solidification Point**	No data
Vapor Density (AIR = 1)	> 1	**Evaporation Rate (Butyl Acetate = 1)**	< 1
Solubility in Water	Insoluble	**pH (at g/l H20) (°C)**	No data

Appearance and Odor – Light colored oil with mild petroleum odor.
VOC: This product contains 122 grams per liter or 13.49% VOC.

SECTION 10 STABILITY AND REACTIVITY

Chemical	**Unstable**		**Conditions to Avoid** – None known.
Stability	**Stable**	X	

Incompatibility (Materials to Avoid) -
Strong oxidizing and reducing agents, strong alkalies and strong acids.

Hazardous Decomposition or Byproducts -
Carbon dioxide, carbon monoxide, smoke, soot and various organic oxidation by-products.

Hazardous Polymerization	**May Occur**		**Conditions to Avoid** - No data
	Will Not Occur	X	

SECTION 11 TOXICOLOGICAL INFORMATION

Please refer to Section 3 for available information on potential health effects.

SECTION 12 ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and federal regulations.

SECTION 14 TRANSPORT INFORMATION (Not meant to be all inclusive)

Domestic Highway (Containers < 1 Quart are ORM-D)	**Domestic Air Shipments: Varies**
Proper Shipping Name: Lubricating Preparation	**Proper Shipping Name:** No data
Hazard Class/Subsidiary Hazard: No data	**Hazard Class/Subsidiary Hazard:** No data
UN/NA No.: No data	**UN/NA No.:** No data
Packing Group: No data	**Packing Group:** No data
Label Required: No data	**Label Required:** No data

SECTION 15 REGULATORY INFORMATION (Not meant to be all inclusive - selected regulations represented)

U.S. FEDERAL REGULATIONS:

Carcinogenicity:	**NTP?**	**IARC Monographs?**	**OSHA Regulated?**
	No	No	No

OSHA: Non-hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

SECTION 313: This product does not contain chemicals which are listed and require reporting under SARA Title III Sec. 313 if used over the threshold reporting quantity. This information must be included in all MSDSs that are copied and distributed for this material.

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: This product is not known to contain any material listed under California's Proposition 65.

SECTION 16 OTHER INFORMATION

MSDS Status: Revised Section(s):

7/30/04 Updated contents in Section II.

WARNING! The use of this product is beyond the control of the manufacturer and distributor; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer and distributor warrant only that this product meets the specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER OF THIS PRODUCT. THE MANUFACTURER AND DISTRIBUTOR SHALL BE IN NO WAY RESPONSIBLE FOR THE PROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer and distributor for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.