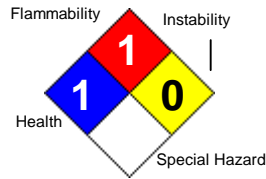




# MATERIAL SAFETY DATA SHEET

## Air Tool Oil

CYCLO INDUSTRIES, INC.  
902 SOUTH US HIGHWAY 1  
JUPITER, FL 33477



Revision: 01/30/2012  
Supersedes Revision: 12/27/2010  
Date Created: 12/27/2010

### 1. Product and Company Identification

**Product Code:** C650

**Product Name:** Air Tool Oil

**Manufacturer Information**

**Company Name:** CYCLO INDUSTRIES, INC.

**Phone Number:** (800)843-7813

**Fax Number:** (561)745-3867

**Emergency Contact:** First Aid Emergency (800)222-1222

**Alternate Emergency Contact:** Chemtrec (703) 527-3887 (800)424-9300

**Information:** First Aid Emergency (Outside U.S.) (312)906-6194

**Web site address:** www.cyclo.com

**Email address:** ehs@cyclo.com

### 2. Hazards Identification

#### Emergency Overview

**DANGER:** Vapor harmful. Eye & skin irritant.

#### Potential Health Effects (Acute and Chronic)

**Inhalation:** High concentrations of vapor or mist may be irritating to the respiratory tract including nose and throat. May cause difficulty breathing. Increased exposure may cause dizziness or giddiness. A major concern is inhalation of vapor drops during vomiting. Do not induce vomiting if swallowed.

**Skin:** May cause skin irritation. Prolonged or repeated contact may cause redness, burning and dermatitis. Contact with hot material may cause thermal burns.

**Eyes:** May cause moderate irritation, including burns, tearing and redness. Contact with hot material may cause thermal burns.

**Ingestion:** May cause irritation of the digestive tract, nausea and vomiting. Aspiration into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and/or possibly death.

#### Signs and Symptoms Of Exposure

**Eyes:** Redness or irritation.

**Skin:** Redness or burning sensation.

**Ingestion:** Nausea. Do not induce vomiting.

**Inhalation:** Trouble breathing normally. Increased exposure may result in dizziness and giddiness.

#### Medical Conditions Generally Aggravated By Exposure

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

### 3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	< 5.0 %



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Hazardous Components (Chemical Name)	CAS #	Concentration
2. Hydrocarbon Solvent	NA	< 1.0 %
3. Tritolyl phosphate	1330-78-5	< 1.0 %
4. Stoddard solvent	8052-41-3	20.0 -40.0 %
5. Diphenylamine	122-39-4	< 0.1 %
6. Distillates (petroleum), clay-treated heavy naphthenic	64742-44-5	65.0 -85.0 %

## 4. First Aid Measures

### Emergency and First Aid Procedures

If swallowed, do not induce vomiting. Material can enter lungs and cause severe damage. Drink 4 to 8 ounces of water. If inhaled, remove to fresh air immediately. If there is difficulty breathing or if breathing has stopped, oxygen or artificial respiration should be administered by qualified personnel. Do not leave victim unattended. In case of eye contact, flush eye with water for 15 minutes lifting upper and lower lids occasionally. In case of skin contact, remove contaminated clothing and shoes. Do not use gasoline, thinners or solvents to remove product from skin. Wipe material from skin and wash thoroughly with soap and water, and if necessary, a waterless skin cleanser. Call physician immediately if adverse reaction occurs.

## 5. Fire Fighting Measures

**Flash Pt:** > 200.00 F (93.3 C) Method Used: Pensky-Marten Closed Cup  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Autoignition Pt:** No data available.

### Fire Fighting Instructions

Material will not burn unless preheated. Do not enter confined space without full bunker gear, including a positive-pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with fog.

### Flammable Properties and Hazards

No data available.

### Hazardous Combustion Products

No data available.

### Suitable Extinguishing Media

Dry chemical, water spray (fog), foam or carbon dioxide.

### Unsuitable Extinguishing Media

No data available.

## 6. Accidental Release Measures

### Steps To Be Taken In Case Material Is Released Or Spilled

Remove all ignition sources and avoid breathing vapors. Ventilate area if confined. Contain as a liquid for possible refining if possible by diking around oil with suitable material if spill is larger than a few gallons.

If spill is small, absorb spilled liquid in sand or inert absorbent. Block all spills from surface waters and sewers and drains. Shovel into closeable container for proper disposal.

## 7. Handling and Storage

### Precautions To Be Taken in Handling

Keep away from heat, sparks and flames. Avoid contact with eyes and skin. Avoid breathing vapors or mists. Avoid generating oil mists. Keep out of the reach of children.

### Precautions To Be Taken in Storing

Store in cool, dry location. Keep away from incompatible materials. Keep container tightly closed. Empty product containers properly as they may contain product residue. Do not pressurize, cut, weld, heat or expose empty containers to flame or other sources of ignition.





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### Incompatibility - Materials To Avoid

Strong oxidizing agents such as chlorates, nitrates and peroxides.

### Hazardous Decomposition Or Byproducts

No data available.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

### Conditions To Avoid - Hazardous Reactions

No data available.

## 11. Toxicological Information

Acute oral effects on similar materials tested low order toxicity.

Acute inhalation effects on similar materials tested low toxicity.

### Chronic Toxicological Effects

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	n.a.	n.a.	n.a.	n.a.
2. Hydrocarbon Solvent	NA	n.a.	n.a.	n.a.	n.a.
3. Tritolyl phosphate	1330-78-5	n.a.	n.a.	n.a.	n.a.
4. Stoddard solvent	8052-41-3	n.a.	n.a.	n.a.	n.a.
5. Diphenylamine	122-39-4	n.a.	n.a.	A4	n.a.
6. Distillates (petroleum), clay-treated heavy naphthenic	64742-44-5	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

No data available.

## 13. Disposal Considerations

### Waste Disposal Method

Disposal should be made in accordance with federal, state and local regulations.

## 14. Transport Information

### LAND TRANSPORT (US DOT)

**DOT Proper Shipping Name** Not-Restricted

### MARINE TRANSPORT (IMDG/IMO)

**IMDG/IMO Shipping Name** Not-Restricted

**Marine Pollutant:** No

### Additional Transport Information

No data available.

## 15. Regulatory Information

### US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No	No
2. Hydrocarbon Solvent	NA	No	No	No	No
3. Tritolyl phosphate	1330-78-5	No	No	No	No
4. Stoddard solvent	8052-41-3	No	No	No	No
5. Diphenylamine	122-39-4	No	No	Yes	No
6. Distillates (petroleum), clay-treated heavy naphthenic	64742-44-5	No	No	No	No



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### Other US EPA or State Lists

Hazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	Inventory	No
2. Hydrocarbon Solvent	NA	No	No	No	No
3. Tritolyl phosphate	1330-78-5	No	No	Inventory, 4 Test, 8A	No
4. Stoddard solvent	8052-41-3	No	No	Inventory	No
5. Diphenylamine	122-39-4	No	No	Inventory, 8A PAIR	No
6. Distillates (petroleum), clay-treated heavy naphthenic	64742-44-5	No	No	Inventory	No

Hazardous Components (Chemical Name)	CAS #	CA TAC, Title 8	MA Oil/HazMat	MI CMR, Part 5	NC TAP
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No	No
2. Hydrocarbon Solvent	NA	No	No	No	No
3. Tritolyl phosphate	1330-78-5	No	Yes	No	No
4. Stoddard solvent	8052-41-3	Title 8	No	No	No
5. Diphenylamine	122-39-4	Title 8	Yes	No	No
6. Distillates (petroleum), clay-treated heavy naphthenic	64742-44-5	No	No	No	No

Hazardous Components (Chemical Name)	CAS #	NJ EHS	NY Part 597	PA HSL	SC TAP
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No	No
2. Hydrocarbon Solvent	NA	No	No	No	No
3. Tritolyl phosphate	1330-78-5	Yes - 3130	No	No	No
4. Stoddard solvent	8052-41-3	Yes - 1736	No	Yes - 1	No
5. Diphenylamine	122-39-4	Yes - 0796	No	Yes - E	No
6. Distillates (petroleum), clay-treated heavy naphthenic	64742-44-5	No	No	No	No

Hazardous Components (Chemical Name)	CAS #	WI Air
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No
2. Hydrocarbon Solvent	NA	No
3. Tritolyl phosphate	1330-78-5	No
4. Stoddard solvent	8052-41-3	Yes
5. Diphenylamine	122-39-4	No
6. Distillates (petroleum), clay-treated heavy naphthenic	64742-44-5	No

### International Regulatory Lists

Hazardous Components (Chemical Name)	CAS #	Canadian DSL	Canadian NDSL	Taiwan TCSCA
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	Yes	No	No
2. Hydrocarbon Solvent	NA	No	No	No
3. Tritolyl phosphate	1330-78-5	Yes	No	No
4. Stoddard solvent	8052-41-3	Yes	No	No
5. Diphenylamine	122-39-4	Yes	No	No
6. Distillates (petroleum), clay-treated heavy naphthenic	64742-44-5	Yes	No	No

### SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

#### Sec.302:

EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. \* indicates 10000 LB TPQ if not volatile.



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- Sec.304:** EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. \*\* indicates statutory RQ.
- Sec.313:** EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
- Sec.110:** EPA SARA 110 Superfund Site Priority Contaminant List

### TSCA (Toxic Substances Control Act) Lists:

- Inventory:** Chemical Listed in the TSCA Inventory.
- 5A(2):** Chemical Subject to Significant New Rules (SNURS)
- 6A:** Commercial Chemical Control Rules
- 8A:** Toxic Substances Subject To Information Rules on Production
- 8A CAIR:** Comprehensive Assessment Information Rules - (CAIR)
- 8A PAIR:** Preliminary Assessment Information Rules - (PAIR)
- 8C:** Records of Allegations of Significant Adverse Reactions
- 8D:** Health and Safety Data Reporting Rules
- 8D TERM:** Health and Safety Data Reporting Rule Terminations
- 12(b):** Notice of Export

### Other Important Lists:

- CWA NPDES:** EPA Clean Water Act NPDES Permit Chemical
- CAA HAP:** EPA Clean Air Act Hazardous Air Pollutant
- CAA ODC:** EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
- CA PROP 65:** California Proposition 65
- CA TAC:** California AB 1807 - Toxic Air Contaminants
- CA Title 8:** California Hazardous Substances List: Title 8, Sec. 339
- MI CMR:** Michigan Critical Materials Register
- MI Part 5:** Michigan DEQ WRP Part 5 Pollutants List
- NC TAP:** North Carolina Toxic Air Pollutants
- NJ EHS:** New Jersey Environmental Hazardous Substances List
- NY Part 597:** New York Part 597 List of Hazardous Substances
- PA HSL:** Pennsylvania Hazardous Substances List
- SC TAP:** South Carolina Toxic Air Pollutants
- WI Air:** Wisconsin Reportable Air Contaminants

### International Regulatory Lists:

- Canadian DSL:** Canada Domestic Substances List
- Canadian NDSL:** Canada Non-Domestic Substances List
- Taiwan TCSCA:** Taiwan Toxic Chemical Substances Control Act of 1986

## 16. Other Information

### Company Policy or Disclaimer

Cyclo Industries, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. Cyclo Industries, Inc. makes no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, Cyclo Industries, Inc. will not be responsible for damages resulting from use of or reliance upon this information.