



# MATERIAL SAFETY DATA SHEET

## White Grease

CYCLO INDUSTRIES, INC.  
401 MAPLEWOOD DRIVE  
SUITE 18  
JUPITER, FL 33458

<b>HEALTH</b>		<b>1</b>
<b>FLAMMABILITY</b>		<b>2</b>
<b>REACTIVITY</b>		<b>0</b>
<b>PPE</b>		

Revision: 02/01/2010

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### 1. Product and Company Identification

**Product Code:** C-34  
**Product Name:** White Grease  
**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:** Shipping Emergency (Chemtrec) (800)424-9300  
**Information:** Emergency (Outside the U.S.) (312)906-6194  
**Web site address:** www.cyclo.com  
**Email address:** ehs@cyclo.com

### 2. Hazards Identification

#### Emergency Overview

Aspiration hazard. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contents under pressure. Harmful or fatal if swallowed. Contact with eyes may cause irritation. Causes irritation, redness and pain. Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Prolonged inhalation may be harmful. Avoid breathing mists from this product. Exposure to high doses may cause central nervous system depression (anesthetic-like effects). Doses which cause anesthetic-like effects may also cause adverse effects in liver, lungs and kidneys. Ingestion is not considered to be a hazard encountered in normal industrial use. This material may be harmful or fatal if swallowed.

#### Health Hazards (Acute and Chronic)

No data available.

#### Signs and Symptoms Of Exposure

No data available.

#### Medical Conditions Generally Aggravated By Exposure

Repeated contact with skin may irritate pre-existing skin conditions.

### 3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Liquefied petroleum gas, sweetened	68476-86-8	10.0 -20.0 %
2. Naphtha (petroleum), hydrotreated light	64742-49-0	10.0 -20.0 %
3. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	1.0 -10.0 %
4. Hydrotreated light distillate (petroleum)	64742-47-8	1.0 -10.0 %
5. Stoddard solvent	8052-41-3	1.0 -10.0 %

### 4. First Aid Measures

#### Emergency and First Aid Procedures

If swallowed, do not induce vomiting. Call physician immediately. In case of eye contact, holding eyelids open, flush eyes with running water. Remove contact lenses if wearing and flush open eyes with running water for at least 15 minutes. Wash skin with soap and large amounts of water. Remove contaminated clothing. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician immediately if adverse reaction occurs.



## 5. Fire Fighting Measures

**Flammability Classification:** Non-flammable  
**Flash Pt:** NP  
**Explosive Limits:** LEL: .7 UEL: 9.5

### Special Fire Fighting Procedures

Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Keep containers and surroundings cool with water spray. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

### Unusual Fire and Explosion Hazards

-141 F Flash point of propellant only. Flame extension = 0. Flash back = 0.

### Suitable Extinguishing Media

Alcohol foam, carbon dioxide, dry chemical, foam, water fog.

### Unsuitable Extinguishing Media

No data available.

## 6. Accidental Release Measures

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

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Wear a self-contained breathing apparatus and appropriate personal protective equipment.

## 7. Handling and Storage

### Precautions To Be Taken in Handling

Wash thoroughly after handling. Keep out of the reach of children.

### Precautions To Be Taken in Storing

Keep away from heat, sparks and flame. Keep from freezing. Do not store above 120 degrees F. Do not spray into open flame or near other sources of ignition. Do not store in direct sunlight, puncture, crush or incinerate container.

## 8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Liquified petroleum gas, sweetened	68476-86-8	No data.	No data.	No data.
2. Naphtha (petroleum), hydrotreated light	64742-49-0	No data.	No data.	No data.
3. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No data.	No data.	No data.
4. Hydrotreated light distillate (petroleum)	64742-47-8	No data.	200 mg/m <sup>3</sup>	No data.
5. Stoddard solvent	8052-41-3	500 ppm	100 ppm	No data.

### Respiratory Equipment (Specify Type)

A NIOSH/ MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

### Eye Protection

Wear safety glasses with side shields or goggles when using this product.

### Protective Gloves

Impervious gloves should be used.



**Other Protective Clothing**

Standard industrial clothing standards should be followed.

**Ventilation**

Good ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

**9. Physical and Chemical Properties**

<b>Physical States:</b>	[ ] Gas	[ X ] Liquid	[ ] Solid
<b>Melting Point:</b>	No data.		
<b>Boiling Point:</b>	-23.00 F (-30.6 C) - -387.00 F (-232.8 C)		
<b>Autoignition Pt:</b>	No data.		
<b>Flash Pt:</b>	NP		
<b>Explosive Limits:</b>	LEL: .7	UEL: 9.5	
<b>Specific Gravity (Water = 1):</b>	.8477		
<b>Bulk density:</b>	No data.		
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.		
<b>Vapor Density (vs. Air = 1):</b>	> Air		
<b>Evaporation Rate (vs Butyl Acetate=1):</b>	No data.		
<b>Solubility in Water:</b>	Emulsified		
<b>Percent Volatile:</b>	26.73 %		
<b>Heat Value:</b>	No data.		
<b>Particle Size:</b>	No data.		
<b>Corrosion Rate:</b>	No data.		
<b>pH:</b>	NA		

**Appearance and Odor**

Aerosol with solvent odor.

**10. Stability and Reactivity**

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability**

Avoid open flames and high temperatures. Avoid contact with strong oxidizing agents. Keep product away from temperatures in excess of 120 degrees F. Do not crush, puncture or incinerate container. Do not expose to direct sunlight or store where temperatures could exceed 120 degrees F.

**Incompatibility - Materials To Avoid**

Strong mineral acids and strong oxidizing agents.

**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**

No data available.

**Carcinogenicity/Other Information**

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Liquified petroleum gas, sweetened	68476-86-8	n.a.	n.a.	n.a.	n.a.
2. Naphtha (petroleum), hydrotreated light	64742-49-0	n.a.	n.a.	n.a.	n.a.



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Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
3. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	n.a.	n.a.	n.a.	n.a.
4. Hydrotreated light distillate (petroleum)	64742-47-8	n.a.	n.a.	A4	n.a.
5. Stoddard solvent	8052-41-3	n.a.	n.a.	n.a.	n.a.

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

## 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** Consumer Commodity  
**DOT Hazard Label:** NONFLAMMABLE GAS, CORROSIVE  
**UN/NA Number:** UN1950  
**DOT Hazard Class:** 9

### AIR TRANSPORT (ICAO/IATA)

**ICAO/IATA Proper Shipping Name** Consumer Commodity  
**UN Number:** 1950  
**IATA Classification:** 9

### MARINE TRANSPORT (IMDG/IMO)

**IMDG/IMO Proper Shipping Name** Aerosols  
**UN Number:** 1950  
**IMDG Classification:** 2.2  
**Marine Pollutant:** No

## 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. Liquified petroleum gas, sweetened	68476-86-8	No	No	No	No
2. Naphtha (petroleum), hydrotreated light	64742-49-0	No	No	No	No
3. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No	No
4. Hydrotreated light distillate (petroleum)	64742-47-8	No	No	No	No
5. Stoddard solvent	8052-41-3	No	No	No	No

### Other US EPA or State Lists

Hazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
1. Liquified petroleum gas, sweetened	68476-86-8	No	No	Inventory	No
2. Naphtha (petroleum), hydrotreated light	64742-49-0	No	No	Inventory	No
3. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	Inventory	No
4. Hydrotreated light distillate (petroleum)	64742-47-8	No	No	Inventory	No
5. Stoddard solvent	8052-41-3	No	No	Inventory	No

  

Hazardous Components (Chemical Name)	CAS #	CA TAC, Title 8	MA Oil/HazMat	MI CMR, Part 5	NC TAP
1. Liquified petroleum gas, sweetened	68476-86-8	No	No	No	No



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Hazardous Components (Chemical Name)	CAS #	CA TAC, Title 8	MA Oil/HazMat	MI CMR, Part 5	NC TAP
2. Naphtha (petroleum), hydrotreated light	64742-49-0	No	No	No	No
3. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No	No
4. Hydrotreated light distillate (petroleum)	64742-47-8	No	No	No	No
5. Stoddard solvent	8052-41-3	Title 8	No	No	No

Hazardous Components (Chemical Name)	CAS #	NJ EHS	NY Part 597	PA HSL	SC TAP
1. Liquified petroleum gas, sweetened	68476-86-8	No	No	Yes - No	No
2. Naphtha (petroleum), hydrotreated light	64742-49-0	No	No	Yes - No	No
3. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	Yes - No	No
4. Hydrotreated light distillate (petroleum)	64742-47-8	No	No	Yes - No	No
5. Stoddard solvent	8052-41-3	1736	No	Yes - 1	No

Hazardous Components (Chemical Name)	CAS #	WI Air
1. Liquified petroleum gas, sweetened	68476-86-8	No
2. Naphtha (petroleum), hydrotreated light	64742-49-0	No
3. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No
4. Hydrotreated light distillate (petroleum)	64742-47-8	No
5. Stoddard solvent	8052-41-3	Yes

### International Regulatory Lists

Hazardous Components (Chemical Name)	CAS #	Canadian DSL	Canadian NDSL	Taiwan TCSCA
1. Liquified petroleum gas, sweetened	68476-86-8	No	No	No
2. Naphtha (petroleum), hydrotreated light	64742-49-0	No	No	No
3. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No
4. Hydrotreated light distillate (petroleum)	64742-47-8	No	No	No
5. Stoddard solvent	8052-41-3	No	No	No

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

<b>Sec.302:</b>	EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
<b>Sec.304:</b>	EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
<b>Sec.313:</b>	EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
<b>Sec.110:</b>	EPA SARA 110 Superfund Site Priority Contaminant List

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

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

### Other Important Lists:

<b>CWA NPDES:</b>	EPA Clean Water Act NPDES Permit Chemical
<b>CAA HAP:</b>	EPA Clean Air Act Hazardous Air Pollutant



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

### International Regulatory Lists:

<b>Canadian DSL:</b>	Canada Domestic Substances List
<b>Canadian NDSL:</b>	Canada Non-Domestic Substances List
<b>Taiwan TCSCA:</b>	Taiwan Toxic Chemical Substances Control Act of 1986

## 16. Other Information

### Company Policy or Disclaimer

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