

1. Product and Company Identification

Product Code: C34
Product Name: White Grease
Company Name: CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477
Phone Number: (800)843-7813

Web site address: www.cyclo.com
Email address: ehs@cyclo.com

Emergency Contact: First Aid Emergency (800)752-7869
CHEMTREC (703) 527-3887 (800)424-9300

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

2. Hazards Identification

Skin Corrosion/Irritation, Category 3

Serious Eye Damage/Eye Irritation, Category 2

Aspiration Toxicity, Category 1

Flammable Aerosols, Category 2



GHS Signal Word: **Danger**

GHS Hazard Phrases: H223: Flammable aerosol.
H229: Pressurized container: May burst if heated.
H304: May be fatal if swallowed and enters airways.
H316: Causes mild skin irritation.
H319: Causes serious eye irritation.
H410: Very toxic to aquatic life with long lasting effects.

GHS Precaution Phrases: P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211: Do not spray on an open flame or any other ignition source.
P251: Pressurized container: Do not pierce or burn, even after use.
P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P370+378: In case of fire, use alcohol foam, carbon dioxide, dry chemical or water fog to extinguish.
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P363: Wash contaminated clothing before reuse.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal Phrases: P405: Store locked up.
P410+412: Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.
P501: Dispose of contents/container to {...}.



Potential Health Effects No data available.

(Acute and Chronic):

Medical Conditions Generally Repeated contact with skin may irritate pre-existing skin conditions.

Aggravated By Exposure:

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64742-49-0	Naphtha (petroleum), hydrotreated light	10.0 -15.0 %
68476-86-8	Liquified petroleum gas, sweetened	10.0 -15.0 %
7732-18-5	Water	60.0 -70.0 %
8042-47-5	Technical white oil* (regulated as mist only)	5.0 -8.0 %
64742-96-7	Aliphatic hydrocarbon	2.0 -5.0 %
1338-43-8	Sorbitan, monooleate	0.5 -1.0 %
9003-29-6	Butene, Homopolymer	0.5 -1.0 %
1314-13-2	Zinc oxide	0.5 -1.0 %
1317-65-3	Calcium Carbonate	0.5 -1.0 %
NA	Aluminum Complex Thickener	0.5 -1.0 %
1336-21-6	Ammonium hydroxide	0.087 %

4. First Aid Measures

Emergency and First Aid Procedures:

If swallowed, do not induce vomiting. Call physician immediately. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin, wash skin with soap and large amounts of water. Remove contaminated clothing. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flash Pt: -141.00 F (-96.1 C)

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical, foam, water fog.

Fire Fighting Instructions: 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.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: 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: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or any other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing dust/fumes/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Keep out of the reach of children.

Precautions To Be Taken in Storing: Store locked up. Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-49-0	Naphtha (petroleum), hydrotreated light	No data.	No data.	No data.
68476-86-8	Liquified petroleum gas, sweetened	No data.	No data.	No data.
7732-18-5	Water	No data.	No data.	No data.
8042-47-5	Technical white oil* (regulated as mist only)	No data.	No data.	No data.
64742-96-7	Aliphatic hydrocarbon	No data.	No data.	No data.
1338-43-8	Sorbitan, monooleate	No data.	No data.	No data.
9003-29-6	Butene, Homopolymer	No data.	No data.	No data.
1314-13-2	Zinc oxide	PEL: 5 (fume); 15 (dust) mg/m3	TLV: 2 mg/m3 (resp.) STEL: 10 mg/m3 (resp.)	No data.
1317-65-3	Calcium Carbonate	PEL: 15 (dust); 5 (resp.) mg/m3	No data.	No data.
NA	Aluminum Complex Thickener	No data.	No data.	No data.
1336-21-6	Ammonium hydroxide	No data.	No data.	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.

Engineering Controls (Ventilation etc.): 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

Physical States:	[] Gas	[X] Liquid	[] Solid
Appearance and Odor:	Aerosol with solvent odor.		
pH:	10.57		
Melting Point:	No data.		
Boiling Point:	No data.		
Flash Pt:	-141.00 F (-96.1 C)		
Evaporation Rate:	No data.		
Flammability (solid, gas):	No data available.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	> Air		
Specific Gravity (Water = 1):	.883		
Solubility in Water:	No data.		
Octanol/Water Partition Coefficient:	No data.		
Percent Volatile:	< 24.0 % by weight.		
Autoignition Pt:	No data.		
Decomposition Temperature:	No data.		
Viscosity:	No data.		

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 oxidizing agents.	
Hazardous Decomposition or Byproducts:	Carbon oxides; fumes; hydrocarbons.	
Possibility of Hazardous Reactions:	Will occur []	Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.	



11. Toxicological Information

Toxicological Information:

Chemical Name LD50 Oral LD50 Dermal LC50 Inhalation
Naphtha (petroleum), hydrotreated light 5000 mg/kg (rat) 3160 mg/kg (rabbit) 73680 ppm (rat) 4h
Mineral oil, petroleum distillates, hydrotreated heavy 5000 mg/kg (rat) 5000 mg/kg (rat) 5 mg/L (rat) 4h
naphthenic Hydrotreated light distillate (petroleum) 5000 mg/kg (rat) 2000 mg/kg (rat) 5.2 mg/L (rat) 4h

CAS# 7732-18-5:

Other Studies:, TDLo, Oral, Species: Rabbit, 3502. GM/KG, 2 W.

Results:

Behavioral: Convulsions or effect on seizure threshold.

Behavioral: Muscle weakness.

Related to Chronic Data - death.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, TDLo, Oral, Infant, 333.0 GM/KG.

Results:

Behavioral: Convulsions or effect on seizure threshold.

Gastrointestinal:Hypermotility, diarrhea.

Nutritional and Gross Metabolic:Changes in:Body temperature increase.

- Archives of Disease in Childhood., British Medical Journal, Box 560B, Kennebunkport, ME 04046, Vol/p/yr: 54,551, 1979

Acute toxicity, TDLo, Oral, Human, 42.86 GM/KG.

Results:

Behavioral: Tremor.

Behavioral: Muscle contraction or spasticity.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Rectal, Species: Woman, 180.0 GM/KG, 28 H.

Results:

Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Mydriasis (pupillary dilation).

Behavioral: Convulsions or effect on seizure threshold.

Gastrointestinal:Nausea or vomiting.

- Journal of the American Medical Association, American Medical Association, 535 N. Dearborn St., Chicago, IL 60610, Vol/p/yr: 104,1569, 1935

Acute toxicity, LD50, Oral, Rat, > 90.00 ML/KG.

Results:

Kidney, Ureter, Bladder: Changes in liver weight.

- Food Research., For publisher information, see JFDSA, Champaign, IL, Vol/p/yr: 21,348, 1956

Acute toxicity, LD50, Intraperitoneal, Mouse, 190.0 GM/KG.

Results:

Kidney, Ureter, Bladder: Changes in liver weight.

Kidney, Ureter, Bladder: Changes in bladder weight.



SAFETY DATA SHEET

White Grease

- National Technical Information Service, Vol/p/yr: AD628-313,

Acute toxicity, LD50, Intravenous, Mouse, 25.00 GM/KG.

Results:

Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

Related to Chronic Data - death.

- Microvascular Research., Academic Press, Inc., 1 E. First St., Duluth, MN 55802,

Vol/p/yr: 8,320, 1974

Acute toxicity, LDLO, Oral, Dog, 629.0 GM/KG.

Results:

Kidney, Ureter, Bladder: Changes in liver weight.

Kidney, Ureter, Bladder: Changes in bladder weight.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428

E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Oral, Species: Cat, 320.0 GM/KG.

Results:

Behavioral: Convulsions or effect on seizure threshold.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428

E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Oral, Species: Rabbit, 368.0 GM/KG.

Results:

Behavioral: Convulsions or effect on seizure threshold.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428

E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Intravenous, Species: Rabbit, 13.00 GM/KG.

Results:

Blood: Other hemolysis with or without anemia.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428

E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Rectal, Species: Rabbit, 450.0 GM/KG.

Results:

Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Mydriasis (pupillary dilation).

Behavioral: Muscle contraction or spasticity.

Gastrointestinal: Changes in structure or function of salivary glands.

- Journal of the American Medical Association, American Medical Association, 535 N.

Dearborn St., Chicago, IL 60610, Vol/p/yr: 104,1569, 1935

Acute toxicity, LDLO, Oral, Species: Guinea pig, 429.0 GM/KG.

Results:

Behavioral: Convulsions or effect on seizure threshold.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428

E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Chronic Toxicological Effects:

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may deft the skin and produce dermatitis.



SAFETY DATA SHEET

White Grease

Revision: 05/09/2016
Supersedes Revision: 09/18/2015

1314-13-2	Zinc oxide	No	No	Yes-Cat. N982
1317-65-3	Calcium Carbonate	No	No	No
NA	Aluminum Complex Thickener	No	No	No
1336-21-6	Ammonium hydroxide	No	Yes 1000 LB	No

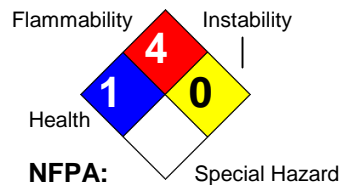
CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists		
64742-49-0	Naphtha (petroleum), hydrotreated light	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
68476-86-8	Liquified petroleum gas, sweetened	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
7732-18-5	Water	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
8042-47-5	Technical white oil* (regulated as mist only)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
64742-96-7	Aliphatic hydrocarbon	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
1338-43-8	Sorbitan, monooleate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
9003-29-6	Butene, Homopolymer	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
1314-13-2	Zinc oxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes - Cat.; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: Yes - Cat.; NY Part 597: No; PA HSL: Yes - E; SC TAP: No; WI Air: No		
1317-65-3	Calcium Carbonate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No		
NA	Aluminum Complex Thickener	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
1336-21-6	Ammonium hydroxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: No; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: No		

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
64742-49-0	Naphtha (petroleum), hydrotreated light	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
68476-86-8	Liquified petroleum gas, sweetened	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
7732-18-5	Water	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
8042-47-5	Technical white oil* (regulated as mist only)	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
64742-96-7	Aliphatic hydrocarbon	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
1338-43-8	Sorbitan, monooleate	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
9003-29-6	Butene, Homopolymer	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
1314-13-2	Zinc oxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
1317-65-3	Calcium Carbonate	Canadian DSL: No; Canadian NDSL: Yes; Taiwan TCSCA: Yes
NA	Aluminum Complex Thickener	Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No
1336-21-6	Ammonium hydroxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

16. Other Information

Revision Date: 05/09/2016

Hazard Rating System:



Additional Information About This Product: No data available.

This Product:

Company Policy or Disclaimer:

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