

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** C34
Product Name: White Grease
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | |
|--------------------------|---|---------------------------------------|
| Company Name: | CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477 | Phone Number:
(800)843-7813 |
| Web site address: | www.cyclo.com | |
| Information: | First Aid Emergency (Outside U.S.) | (312)906-6194 |
- 1.4 Emergency telephone number:**
- | | | |
|---------------------------|--|--------------------------------|
| Emergency Contact: | First Aid Emergency
CHEMTREC (703) 527-3887 | (800)752-7869
(800)424-9300 |
|---------------------------|--|--------------------------------|

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
Serious Eye Damage/Eye Irritation, Category 2B
Germ Cell Mutagenicity, Category 1B
Carcinogenicity, Category 1B
Target Organ Systemic Toxicity (single exposure), Category 3
Target Organ Systemic Toxicity (repeated exposure), Category 1
Aspiration Toxicity, Category 1
Flammable Liquids, Category 2
- 2.1.2 Classification according to Directive 1999/45/EC:**
- 2.2 Label Elements:**
- 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:**



GHS Signal Word: Danger

GHS Hazard Phrases:

H225: Highly flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.
H320: Causes eye irritation.
H340: May cause genetic defects.
H350: May cause cancer.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H372: Causes damage to organs through prolonged or repeated exposure.
H280: Contents under pressure. May explode if heated.

GHS Precaution Phrases:

P264: Wash hands thoroughly after handling.
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P281: Use personal protective equipment as required.
P271: Use only outdoors or in a well-ventilated area.

- P270: Do not eat, drink or smoke when using this product.
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.
 P233: Keep container tightly closed.
 P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P240: Ground/bond container and receiving equipment.
 P241: Use explosion-proof electrical/ventilating/lighting equipment.
 P243: Take precautionary measures against static discharge.
 P242: Use only non-sparking tools.

GHS Response Phrases:

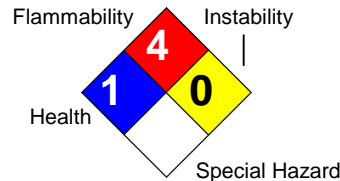
- P370+378: In case of fire, use alcohol foam, carbon dioxide, dry chemical, foam or water fog to extinguish.
 P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P331: Do NOT induce vomiting
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+313: If eye irritation persists, get medical advice/attention.
 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.
 P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal Phrases:

- P501: Dispose of contents/container in accordance with local/regional/national/international regulation.
 P403+233: Store container tightly closed in well-ventilated place.

2.2.2 Labeling according to Directive 1999/45/EC:

Hazard Rating System:



2.3 Adverse Human Health A

Effects and Symptoms:

Medical Conditions Repeated contact with skin may irritate pre-existing skin conditions.
Generally Aggravated
By Exposure:

Section 3. Composition/Information on Ingredients

Section 3. Composition/Information on Ingredients				
CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
64742-49-0	Naphtha (petroleum), hydrotreated light	10.0 -15.0 %	265-151-9 649-328-00-1	T; R45-65 Asp. Toxic. 1: H304 Mutagen 1B: H340 Carcinogen 1B: H350
68476-86-8	Liquified petroleum gas, sweetened	10.0 -15.0 %	270-705-8 649-203-00-1	F+; T; R12-45-46 Comp. Gas: H280 Flam. Gas 1: H220 Mutagen 1B: H340 Carcinogen 1B: H350
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	5.0 -10.0 %	265-155-0 649-465-00-7	T; R45 Carcinogen 1B: H350
13463-67-7	Titanium dioxide	0.1 -1.0 %	236-675-5 NA	Xn; R40 Eye Damage 2B: H320 TOST (SE) 3: H335 H336



Section 4. First Aid Measures

4.1 Description of First Aid Measures: 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.

Section 5. Fire Fighting Measures

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

5.2 Flammable Properties and Hazards: No data available.

Flash Pt: -141.00 F (-96.1 C)

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

Autoignition Pt: No data.

5.3 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.

Section 6. Accidental Release Measures

6.3 Methods and Material For Containment and Cleaning Up: 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.

Section 7. Handling and Storage

7.1 Precautions To Be Taken in Handling: Wash hands thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapours/spray. Keep container tightly closed. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Keep out of the reach of children.

7.2 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. Store container tightly closed in well-ventilated place.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
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.
64742-52-5	Mineral oil, petroleum distillates,	No data.	No data.	No data.



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hydrotreated heavy naphthenic

13463-67-7	Titanium dioxide	TWA: 10 mg/m3 (Total Particulates) TWA: 4 mg/m3 (Respirable dust)	TWA: 10 mg/m3	No data.
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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.
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	No data.	No data.	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TLV: 10 mg/m3	No data.

8.2 Exposure Controls:

8.2.1 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.

8.2.2 Personal protection equipment:

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.

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.

Section 9. Physical and Chemical Properties

9.1 Information on Basic 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.	
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.	
Autoignition Pt:	No data.	



9.2 Other Information

Percent Volatile: 23.36 % by weight.

Section 10. Stability and Reactivity

- 10.1 Reactivity:** No data available.
- 10.2 Stability:** Unstable [] Stable [X]
- 10.3 Conditions To Avoid - Hazardous Reactions:** No data available.
- Possibility of Hazardous Reactions:** Will occur [] Will not occur [X]
- 10.4 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.
- 10.5 Incompatibility - Materials To Avoid:** Strong oxidizing agents.
- 10.6 Hazardous Decomposition Or Byproducts:** Carbon oxides; fumes; hydrocarbons.

Section 11. Toxicological Information

- 11.1 Information on Toxicological Effects:**

	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)	5000 mg/kg (rat)
	naphthenic Hydrotreated light distillate (petroleum)	5000 mg/kg (rat)	2000 mg/kg (rat)	2000 mg/kg (rat)
		5.2 mg/L (rat) 4h		

CAS# 64742-52-5:
 Mutagenicity:, Mutation test: Mutation in microorganisms., 10.00 UL/PLAT, Bacteria - Salmonella typhimurium,.
 Results:
 Behavioral: Coma.
 Biochemical:Metabolism (intermediary): Other.
 - Cell Biology and Toxicology., Princeton Scientific Pub., Inc., 301 N. Harrison St., CN 5279, Princeton, NJ 08540, Vol/p/yr: 2,63, 1986

Acute toxicity, LD (Lethal dose), Oral, Rat, 5.000 GM/KG.
 Results:
 Tumorigenic: Neoplastic by RTECS criteria.
 Lungs, Thorax, or Respiration: Tumors.
 Tumorigenic:Tumors at site of application.
 - Acute Toxicity Data. Journal of the American College of Toxicology, Part B., Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128, Vol/p/yr: 1,133, 1990

Acute toxicity, LD (Lethal dose), Skin, Species: Rabbit, 5.000 GM/KG.
 Results:
 Behavioral: Coma.
 Biochemical:Metabolism (intermediary): Other.
 - Acute Toxicity Data. Journal of the American College of Toxicology, Part B., Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128, Vol/p/yr: 1,133, 1990



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Tumorigenic Effects:, TDLo, Skin, Mouse, 480.0 GM/KG, 80 W.

Results:

Tumorigenic: Neoplastic by RTECS criteria.

Skin and Appendages: Other: Tumors.

Tumorigenic:Tumors at site of application.

- United States Environmental Protection Agency, Office of Pesticides and Toxic Substances., U.S. Environmental Protection Agency, Office of Pesticides and Toxic Substances, 401 M St., SW, Washington, DC 20460, Vol/p/yr: 8EHQ-0887-,

Tumorigenic Effects:, TDLo, Skin, Mouse, 402.0 GM/KG, 78 W.

Results:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Skin and Appendages: Other: Tumors.

Tumorigenic:Tumors at site of application.

- British Journal of Cancer., Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire RG21 2XS UK, Vol/p/yr: 48,429, 1983

Tumorigenic Effects:, TDLo, Skin, Mouse, 398.0 GM/KG, 22 W.

Results:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Skin and Appendages: Other: Tumors.

Tumorigenic:Tumors at site of application.

- British Journal of Cancer., Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire RG21 2XS UK, Vol/p/yr: 48,429, 1983

Standard Draize Test, Skin, Species: Rabbit, 500.0 MG, Severe.

Results:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Skin and Appendages: Other: Tumors.

Tumorigenic:Tumors at site of application.

- Acute Toxicity Data. Journal of the American College of Toxicology, Part B., Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128, Vol/p/yr: 1,133, 1990

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.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64742-49-0	Naphtha (petroleum), hydrotreated light	n.a.	n.a.	n.a.	n.a.
68476-86-8	Liquified petroleum gas, sweetened	n.a.	n.a.	n.a.	n.a.
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	n.a.	n.a.	n.a.	n.a.
13463-67-7	Titanium dioxide	n.a.	2B	A4	n.a.



Section 12. Ecological Information

Section 13. Disposal Considerations

13.1 Waste Disposal Method: Dispose of contents/container in accordance with local/regional/national/international regulation.

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Consumer Commodity
DOT Hazard Class: ORM-D ORM-D
UN/NA Number:

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name:
UN Number:
Hazard Class: N.A.

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols, Ltd. Qty.			
UN Number: 1950	Packing Group:		
Hazard Class: N.A.	IMDG Classification:		2.1
	Marine Pollutant:		No

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Aerosols, Flammable, 2.1, Ltd. Qty			
UN Number: 1950	IATA Classification:		2.1
Hazard Class: N.A.			

Section 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64742-49-0	Naphtha (petroleum), hydrotreated light	No	No	No
68476-86-8	Liquified petroleum gas, sweetened	No	No	No
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	No	No	No
13463-67-7	Titanium dioxide	No	No	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: 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: 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
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	CAA HAP,ODC: No; CWA NPDES: No; TSCA: 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
13463-67-7	Titanium dioxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: Yes; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1861; NY Part



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597: No; PA HSL: Yes - 1; 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
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
13463-67-7	Titanium dioxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

European Community Hazard Symbol codes:**European Community Risk and Safety Phrases:**

No data available.

Section 16. Other Information

Revision Date: 10/02/2014**Additional Information About This Product:** No data available.**Company Policy or Disclaimer:**

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