

## 1. Product and Company Identification

**Product Code:** C123  
**Product Name:** Red 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

**Flammable Aerosols, Category 2**

**Serious Eye Damage/Eye Irritation, Category 2A**

**Specific Target Organ Toxicity (single exposure), Category 3**

**Aspiration Toxicity, Category 1**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:**

H222: Flammable aerosol.  
H229: Pressurized container: May explode if heated.  
H316: Causes mild skin irritation.  
H319: Causes serious eye irritation.  
H304: May be fatal if swallowed and enters airways.  
H410: Very toxic to aquatic life with long lasting effects.

**GHS Precaution Phrases:**

P210: Keep away from heat/sparks/open flames/hot surfaces.  
P211: Do no spray on an open flame or other ignition sources.  
P251: Do not pierce or burn, even after use.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P264: Wash hands thoroughly after handling.  
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.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

**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:**

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 deg C (122 def F).



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

**Potential Health Effects (Acute and Chronic):** No data available.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	20.0 -30.0 %
64742-49-0	Naphtha (petroleum), hydrotreated light	20.0 -30.0 %
68476-86-8	Liquified petroleum gas, sweetened	20.0 -30.0 %
67-64-1	Acetone	10.0 -20.0 %
64742-57-0	Solvent refined hydrotreated residual oil	1.0 -10.0 %

### 4. First Aid Measures

**Emergency and First Aid Procedures:** If swallowed, do not induce vomiting. 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. Remove contact lenses if wearing and flush open eyes with running water for at least 15 minutes. In case of skin contact, wash with soap and large amounts of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Call physician immediately if adverse reaction occurs.

### 5. Fire Fighting Measures

**Flash Pt:** -141.00 F (-96.1 C)  
**Explosive Limits:** LEL: 1.2 UEL: 12.8  
**Autoignition Pt:** No data.  
**Suitable Extinguishing Media:** Alcohol foam, carbon dioxide, dry chemical, 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:** No data available.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Keep away from heat/sparks/open flames/hot surfaces. Do not spray on an open flame or other ignition sources. Do not pierce or burn, even after use. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Avoid breathing



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dust/fume/gas/mist/vapours/spray. Keep out of the reach of children.

### Precautions To Be Taken in Storing:

Protect from sunlight. Do not expose to temperatures exceeding 50 deg C (122 def F). Store container tightly closed in well-ventilated place .

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	No data.	No data.	No data.
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.
67-64-1	Acetone	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	No data.
64742-57-0	Solvent refined hydrotreated residual oil	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.):

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Use explosion-proof ventilation equipment.

### Work/Hygienic/Maintenance Practices:

Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Use spark-proof tools and explosion proof equipment. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin and clothing.

## 9. Physical and Chemical Properties

<b>Physical States:</b>	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
<b>Appearance and Odor:</b>	Red with solvent odor.
<b>pH:</b>	No data.
<b>Melting Point:</b>	No data.
<b>Boiling Point:</b>	-23.00 F (-30.6 C) - 551.00 F (288.3 C)
<b>Flash Pt:</b>	-141.00 F (-96.1 C)
<b>Evaporation Rate:</b>	No data.
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: 1.2                      UEL: 12.8
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.
<b>Vapor Density (vs. Air = 1):</b>	> air



**Specific Gravity (Water = 1):** .7226  
**Solubility in Water:** Negligible  
**Octanol/Water Partition Coefficient:** No data.  
**Percent Volatile:** 49.9 % by weight.  
**VOC / Volume:** 2.7500 LB/GA  
**Autoignition Pt:** No data.  
**Decomposition Temperature:** No data.  
**Viscosity:** No data.

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** All sources of ignition, welding arcs and open flames.  
**Incompatibility - Materials To Avoid:** May react with oxygen and strong oxidizing agents such as chlorates, nitrates, peroxides, etc. Avoid contact with strong oxidizers.  
**Hazardous Decomposition or Byproducts:** Carbon monoxide, carbon dioxide, smoke, fumes.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. Toxicological Information

**Toxicological Information:** 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  
  
Tumorigenic Effects:, TDLo, Skin, Mouse, 480.0 GM/KG, 80 W.  
Results:  
Tumorigenic: Neoplastic by RTECS criteria.  
Skin and Appendages: Other: Tumors.



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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

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	n.a.	n.a.	n.a.	n.a.
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.
67-64-1	Acetone	n.a.	n.a.	A4	n.a.
64742-57-0	Solvent refined hydrotreated residual oil	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

No data available.

### 13. Disposal Considerations

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

### 14. Transport Information



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### LAND TRANSPORT (US DOT):

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

### LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Aerosols, Ltd. Qty.  
UN Number: 1950  
Hazard Class: N.A. ADR Classification: 2.1

### MARINE TRANSPORT (IMDG/IMO):

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

### AIR TRANSPORT (ICAO/IATA):

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

## 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)
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	No	No	No
64742-49-0	Naphtha (petroleum), hydrotreated light	No	No	No
68476-86-8	Liquified petroleum gas, sweetened	No	No	No
67-64-1	Acetone	No	Yes 5000 LB	No
64742-57-0	Solvent refined hydrotreated residual oil	No	No	No

### CAS # Hazardous Components (Chemical Name)

### Other US EPA or State Lists

64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	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
64742-49-0	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
67-64-1	Acetone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; 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: Yes
64742-57-0	Solvent refined hydrotreated residual oil	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



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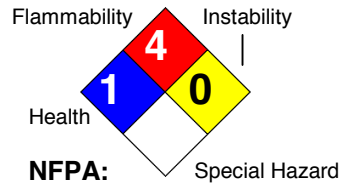
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CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
64742-49-0	Naphtha (petroleum), hydrotreated 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
67-64-1	Acetone	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
64742-57-0	Solvent refined hydrotreated residual oil	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: Not for sale in CA.

This Product:

Company Policy or

Disclaimer:

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