



# SAFETY DATA SHEET

## Bug & Tar Clean

Page: 1

Revision: 09/25/2017

Supersedes Revision: 12/21/2015

### 1. Product and Company Identification

**Product Code:** C64  
**Product Name:** Bug & Tar Clean  
**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  
**Intended Use:** Bug & Tar Cleaner

### 2. Hazards Identification

**Germ Cell Mutagenicity, Category 1B**

**Carcinogenicity, Category 1B**

**Aspiration Toxicity, Category 1**

**Flammable Aerosols, Category 1**

**Skin Corrosion/Irritation, Category 2**

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

**Toxic To Reproduction, Category 2**



**GHS Signal Word:** Danger

**GHS Hazard Phrases:**

H222: Extremely flammable aerosol.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H336: May cause drowsiness or dizziness..  
H340: May cause genetic defects.  
H350: May cause cancer.  
H361: Suspected of damaging fertility or the unborn child.  
H411: Toxic to aquatic life with long lasting effects.  
H229: Pressurized container: may burst if heated

**GHS Precaution Phrases:**

P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
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/fume/gas/mist/vapors/spray.  
P264: Wash hands thoroughly after handling.  
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+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P331: Do NOT induce vomiting.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.



# SAFETY DATA SHEET

## Bug & Tar Clean

Page: 2

Revision: 09/25/2017

Supersedes Revision: 12/21/2015

P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P332+313: If skin irritation occurs, get medical advice/attention.  
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.  
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 in accordance with local/regional/national/international regulation.

**Medical Conditions Generally** None known.

### Aggravated By Exposure:

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64742-88-7	Solvent naphtha medium aliphatic	17.0 %
64742-95-6	SC-100 Solvent	4.0 %
74-98-6	Propane	6.0 %
106-97-8	Butane	6.0 %

## 4. First Aid Measures

### Emergency and First Aid Procedures:

If swallowed, rinse mouth. Do not induce vomiting. If inhaled, remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. In case of skin contact, wipe off with towel. Wash with soap and water. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call physician immediately if adverse reaction occurs.

## 5. Fire Fighting Measures

**Flammability Classification:** NFPA Level 1 Aerosol

**Flash Pt:** -156.00 F (-104.4 C) Method Used: Estimate

**Explosive Limits:** LEL: .9 UEL: 9.5

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** Foam, alcohol foam, CO2, dry chemical, water fog.

**Fire Fighting Instructions:** Water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred. Wear goggles and self-contained breathing apparatus.

**Flammable Properties and Hazards:** Closed containers may explode from internal pressure build up when exposed to extreme heat and discharge contents. Liquid content of container will not support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

**Hazardous Combustion Products:** No data available.



## 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Avoid breathing vapors. Ventilate area. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.

## 7. Handling and Storage

**Precautions To Be Taken in Handling:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. 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 container tightly closed in well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-88-7	Solvent naphtha medium aliphatic	No data.	No data.	No data.
64742-95-6	SC-100 Solvent	No data.	No data.	No data.
74-98-6	Propane	PEL: 1000 ppm	TLV: (2500 ppm)	No data.
106-97-8	Butane	No data.	TLV: (800 ppm)	No data.

**Respiratory Equipment (Specify Type):** None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

**Eye Protection:** Non under normal use; however, use of safety glasses with splash guards or full face shield is recommended.

**Protective Gloves:** None under normal use. Solvent resistant required for prolonged or repeated contact.

**Other Protective Clothing:** None under normal use; however, use of solvent resistant aprons or other clothing is recommended.

**Engineering Controls (Ventilation etc.):** Sufficient to prevent inhalation of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of most hazardous ingredient below acceptable limit and LEL below stated limit.

**Work/Hygienic/Maintenance Practices:** The storage of non-flammable products with non-flammable or flammable pressurizing agent, in cartons, is the same as for ordinary canned goods in cartons.



# SAFETY DATA SHEET

## Bug & Tar Clean

Page: 4

Revision: 09/25/2017

Supersedes Revision: 12/21/2015

### 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Opaque white liquid with petroleum odor.
<b>pH:</b>	No data.
<b>Melting Point:</b>	No data.
<b>Boiling Point:</b>	-44.00 F (-42.2 C) - -367.00 F (-221.7 C)
<b>Flash Pt:</b>	-156.00 F (-104.4 C) Method Used: Estimate
<b>Evaporation Rate:</b>	< Ether
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: .9 UEL: 9.5
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.
<b>Vapor Density (vs. Air = 1):</b>	> Air
<b>Specific Gravity (Water = 1):</b>	.86
<b>Solubility in Water:</b>	Partial
<b>Octanol/Water Partition Coefficient:</b>	No data.
<b>Percent Volatile:</b>	34.0 % by weight.
<b>Autoignition Pt:</b>	No data.
<b>Decomposition Temperature:</b>	No data.
<b>Viscosity:</b>	water thin

### 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	Application to hot surfaces. Storage above 120 degrees F. Exposure to open flame.
<b>Incompatibility - Materials To Avoid:</b>	Oxidizing agents.
<b>Hazardous Decomposition or Byproducts:</b>	May produce fumes when heated to decomposition. Fumes may contain carbon monoxide.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.



# SAFETY DATA SHEET

## Bug & Tar Clean

Page: 5

Revision: 09/25/2017

Supersedes Revision: 12/21/2015

### 11. Toxicological Information

**Toxicological Information:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64742-88-7	Solvent naphtha medium aliphatic	n.a.	n.a.	n.a.	n.a.
64742-95-6	SC-100 Solvent	n.a.	n.a.	n.a.	n.a.
74-98-6	Propane	n.a.	n.a.	n.a.	n.a.
106-97-8	Butane	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

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Aerosols, 2.1, Ltd. Qty.  
**DOT Hazard Class:** 2.1 FLAMMABLE GAS  
**UN/NA Number:** UN1950

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

**ADR/RID Shipping Name:** Aerosols, 2.1, Ltd. Qty.  
**UN Number:** 1950  
**Hazard Class:** 2.1 - FLAMMABLE GAS  
**ADR Classification:** 2.1

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Aerosols, 2.1, Ltd. Qty.  
**UN Number:** 1950  
**Hazard Class:** 2.1 - FLAMMABLE GAS  
**Packing Group:**  
**IMDG Classification:** 2.1  
**IMDG MFAG Number:**

**IMDG EMS Page:****AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Aerosols, flammable, 2.1, Ltd. Qty.  
**UN Number:** 1950  
**Hazard Class:** 2.1 - FLAMMABLE GAS

### 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)
64742-88-7	Solvent naphtha medium aliphatic	No	No	No
64742-95-6	SC-100 Solvent	No	No	No
74-98-6	Propane	No	No	No
106-97-8	Butane	No	No	No

**CAS # Hazardous Components (Chemical Name)****Other US EPA or State Lists**

64742-88-7	Solvent naphtha medium aliphatic	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
64742-95-6	SC-100 Solvent	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -



# SAFETY DATA SHEET

## Bug & Tar Clean

Page: 6

Revision: 09/25/2017

Supersedes Revision: 12/21/2015

74-98-6 Propane

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  
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1594; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No

106-97-8 Butane

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: No; NC TAP: No; NJ EHS: Yes - 0273; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No

### CAS # Hazardous Components (Chemical Name)

64742-88-7 Solvent naphtha medium aliphatic

64742-95-6 SC-100 Solvent

74-98-6 Propane

106-97-8 Butane

### International Regulatory Lists

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

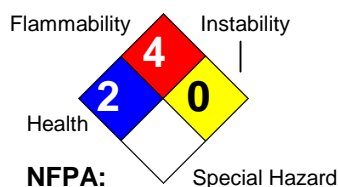
Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

## 16. Other Information

Revision Date: 09/25/2017

### Hazard Rating System:



Additional Information About No data available.

### This Product:

### 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.