

**Break Away Fast Penetrating Oil, 1 Gallon Pail, 55
Gallon Drum**

Revision: 06/17/2013

Supersedes Revision: 01/27/2012

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:** C13, C15
Product Name: Break Away Fast Penetrating Oil, 1 Gallon Pail, 55 Gallon Drum
- 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 | (800)752-7869 |
| | CHEMTREC (703) 527-3887 | (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]:**
Carcinogenicty, Category 1B
- 2.2 Label Elements:**
- 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:**

**Danger****GHS Hazard Phrases:**

H350: May cause cancer.

GHS Precaution Phrases:

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P281: Use personal protective equipment as required.

GHS Response Phrases:

P308+313: IF exposed or concerned: Get medical attention/advice.

GHS Storage and Disposal Phrases:

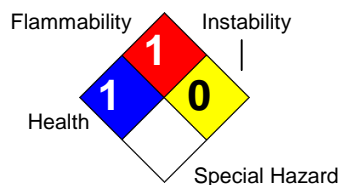
P405: Store locked up.

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

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Hazard Rating System:

**2.3 Adverse Human Health
Effects and Symptoms:**

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	70.0 -90.0 %	265-155-0 649-465-00-7	Carcinogen 1B: H350
64742-46-7	Hydrotreated Distillate	20.0 -30.0 %	265-148-2 649-221-00-X	Carcinogen 1B: H350

Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** If swallowed, do not induce vomiting. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of eye contact, immediately flush eyes with plenty of water. Holding eyelids open, flush eyes with running water for 5 minutes. 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 and launder before reuse. Call physician immediately if adverse reaction occurs.
- 4.2 Important Symptoms and Effects, Both Acute and Delayed:**
- Eyes: Contact with eyes may cause irritation.
- Skin: Prolonged contact with liquid may cause slight temporary irritation.
- Inhalation: Prolonged inhalation may be harmful. Inhaling large quantities of mist or vapors may cause some irritation to nose, throat, lungs. Avoid breathing mists from this product.
- Ingestion: Aspiration hazard.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Alcohol foam, CO₂, dry chemical, foam.
- 5.2 Flammable Properties and Hazards:** No data available.
- Flash Pt:** > 200.00 F (93.3 C)
- Explosive Limits:** LEL: .7 UEL: 9.4
- Autoignition Pt:** NE
- 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.



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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.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Wash thoroughly after handling. Keep out of the reach of children.
- 7.2 Precautions To Be Taken in Storing:** Keep from freezing. Keep container closed when not in use.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	No data.	No data.	No data.
64742-46-7	Hydrotreated Distillate	No data.	No data.	No data.
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.
64742-46-7	Hydrotreated Distillate	No data.	No data.	No data.

8.2 Exposure Controls:

- 8.2.1 Engineering Controls (Ventilation etc.):** Good general ventilation should be sufficient to control airborne levels.

8.2.2 Personal protection equipment:

Eye Protection: Safety glasses with side shields (or goggles) and a face shield.

Protective Gloves: Impervious gloves.

Other Protective Clothing: Impervious protective clothing including boots, gloves, protective apron or coveralls to prevent skin contact.

Respiratory Equipment (Specify Type): A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Work/Hygienic/Maintenance Practices: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Light amber brown liquid with solvent odor.
Melting Point:	No data.
Boiling Point:	309.00 F (153.9 C) - 563.00 F (295.0 C)
Flash Pt:	> 200.00 F (93.3 C)
Evaporation Rate:	No data.
Explosive Limits:	LEL: .7 UEL: 9.4
Vapor Pressure (vs. Air or mm Hg):	No data.
Vapor Density (vs. Air = 1):	No data.

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Specific Gravity (Water = 1): 0.8561**Solubility in Water:** No data.**Autoignition Pt:** NE**9.2 Other Information****Percent Volatile:** 13.37 % by weight.**VOC / Volume:** 1.7000 LB/GA**Section 10. Stability and Reactivity****10.1 Reactivity:** No data available.**10.2 Stability:** Unstable [] Stable [X]**10.3 Conditions To Avoid -** No data available.**Hazardous Reactions:****Possibility of** Will occur [] Will not occur [X]**Hazardous Reactions:****10.4 Conditions To Avoid -** Open flames and high temperatures, contact with strong oxidizing agents, all sources of
Instability: ignition, welding arcs and open flames.**10.5 Incompatibility -** Strong oxidizers.**Materials To Avoid:****10.6 Hazardous** Oxides of carbon, phosphorous, sulfur and smoke. Smoke, oxides of carbon and oxides
Decomposition Or of nitrogen, phosphorous, and/or sulfur are possible.
Byproducts:**Section 11. Toxicological Information****11.1 Information on** LD50: >5000 mg/kg**Toxicological Effects:** LC50: 4600 ppm

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:



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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

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.
64742-46-7	Hydrotreated Distillate	n.a.	n.a.	n.a.	n.a.

Section 12. Ecological Information

Section 13. Disposal Considerations

13.1 Waste Disposal Method:

Disposal should be made in accordance with federal, state and local regulations.

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Section 14. Transport Information**14.1 LAND TRANSPORT (US DOT):**

DOT Proper Shipping Name: Not-Restricted

DOT Hazard Class:

UN/NA Number:

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name:

UN Number:

Hazard Class:

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not-Restricted

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)
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	No	No	No
64742-46-7	Hydrotreated Distillate	No	No	No

CAS #	Hazardous Components (Chemical Name)
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic
64742-46-7	Hydrotreated Distillate

Other US EPA or State Lists

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

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

CAS #	Hazardous Components (Chemical Name)
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic
64742-46-7	Hydrotreated Distillate

International Regulatory Lists

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

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

Section 16. Other Information

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Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

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