

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

Revision: 12/04/2015

Supersedes Revision: 05/05/2014

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. **Phone Number:**
902 SOUTH US HIGHWAY 1 (800)843-7813
JUPITER, FL 33477

Web site address: www.cyclo.com

Email address: ehs@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:

Aspiration Toxicity, Category 1

2.2 Label Elements:



GHS Signal Word: Danger

GHS Hazard Phrases:

H304: May be fatal if swallowed and enters airways.

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:

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.

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

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2.3 Adverse Human Health No data available.**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. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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.

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.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** No data available.
- 6.2 Environmental Precautions:** No data available.
- 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.



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Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Keep out of the reach of children.
- 7.2 Precautions To Be Taken in Storing:** Store locked up.

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.
No data available.

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.
- Flammability (solid, gas):** No data available.
- 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



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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

| 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

- 12.1 Toxicity:** No data available.
- 12.2 Persistence and Degradability:** No data available.
- 12.3 Bioaccumulative Potential:** No data available.
- 12.4 Mobility in Soil:** No data available.
- 12.5 Results of PBT and vPvB assessment:** No data available.



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12.6 Other adverse effects:

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 (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)

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 |
| 64742-46-7 | Hydrotreated Distillate | 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 |

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 |
| 64742-46-7 | Hydrotreated Distillate | Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes |

European Community Hazard Symbol codes:

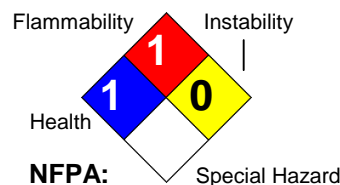
European Community Risk and Safety Phrases:

No data available.

Section 16. Other Information

Revision Date: 12/04/2015

Hazard Rating System:



Additional Information About This Product: No data available.

This Product:

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