

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

Revision: 12/04/2015

Supersedes Revision: 05/05/2014

1. Product and Company Identification

Product Code: C13, C15
Product Name: Break Away Fast Penetrating Oil, 1 Gallon Pail, 55 Gallon Drum
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
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

Aspiration Toxicity, Category 1



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.
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	70.0 -90.0 %
64742-46-7	Hydrotreated Distillate	20.0 -30.0 %

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

Revision: 12/04/2015

Supersedes Revision: 05/05/2014

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. 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.

5. Fire Fighting Measures

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

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: 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.

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. Use personal protective equipment as required. Keep out of the reach of children.
Precautions To Be Taken in Storing: Store locked up.

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.
64742-46-7	Hydrotreated Distillate	No data.	No data.	No data.

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.
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.
Engineering Controls (Ventilation etc.): Good general ventilation should be sufficient to control airborne levels.
Work/Hygienic/Maintenance Practices: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

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

Revision: 12/04/2015

Supersedes Revision: 05/05/2014

9. 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.
Specific Gravity (Water = 1):	0.8561
Solubility in Water:	No data.
Percent Volatile:	13.37 % by weight.
VOC / Volume:	1.7000 LB/GA
Autoignition Pt:	NE

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Open flames and high temperatures, contact with strong oxidizing agents, all sources of ignition, welding arcs and open flames.
Incompatibility - Materials To Avoid:	Strong oxidizers.
Hazardous Decomposition or Byproducts:	Oxides of carbon, phosphorous, sulfur and smoke. Smoke, oxides of carbon and oxides of nitrogen, phosphorous, and/or sulfur are possible.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information:	LD50: >5000 mg/kg 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
-----------------------------------	--



SAFETY DATA SHEET

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

Revision: 12/04/2015

Supersedes Revision: 05/05/2014

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.

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.



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

Revision: 12/04/2015
Supersedes Revision: 05/05/2014

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: Not-Restricted
DOT Hazard Class:
UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not-Restricted

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: 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
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)
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic
64742-46-7	Hydrotreated Distillate

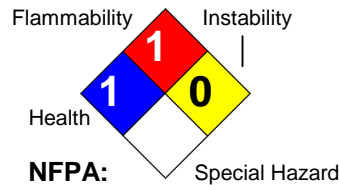
International Regulatory Lists

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

16. Other Information

Revision Date: 12/04/2015

Hazard Rating System:



Additional Information About This Product: No data available.

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



SAFETY DATA SHEET

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

Revision: 12/04/2015

Supersedes Revision: 05/05/2014

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.