

1. Product and Company Identification

Product Code: C400
Product Name: Faster Super Penetrant
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: Penetrant

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2A
Specific Target Organ Toxicity (single exposure), Category 3
Aspiration Toxicity, Category 1
Flammable Aerosols, Category 1
Skin Corrosion/Irritation, 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.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H229: Pressurized container: May burst if heated.

GHS Precaution Phrases: 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/vapours/spray.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/clothing and eye/face protection.

GHS Response Phrases: P370+378: In case of fire, use foam, alcohol foam, carbon dioxide, dry chemical or water fog for extinction.
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.
P410+412: Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.



SAFETY DATA SHEET

Faster Super Penetrant

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

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64742-47-8	Hydrotreated light distillate (petroleum)	85.0 -100.0 %
112-80-1	Oleic acid	0.0 -5.0 %
124-38-9	Carbon dioxide	0.0 -5.0 %

4. First Aid Measures

Emergency and First Aid Procedures:

If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than hips to prevent aspiration. 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 water for 15 minutes. Remove contaminated clothing and shoes and launder before reuse. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flammability Classification: NFPA Level 3 Aerosol

Flash Pt: 175.00 F (79.4 C) Method Used: TAG Closed Cup

Explosive Limits: LEL: .7 UEL: 6

Autoignition Pt: No data.

Suitable Extinguishing Media: Carbon dioxide. Foam. Use water spray to keep containers cool that are exposed to heat or flames.

Fire Fighting Instructions: Wear approved positive-pressure self-contained breathing apparatus and protective clothing.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: Carbon dioxide. Carbon monoxide.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Wear appropriate protective clothing and equipment to prevent skin and eye contact. Contain any liquid from leaking containers. Avoid all sources of ignition: heat, sparks and open flames. Do not puncture or incinerate container. Contents under pressure. Wear proper protective equipment as specified in the protective equipment section. Leaking containers should be removed to an isolated, well-ventilated area and transferred to other suitable containers. Wipe, scrape or soak up in an inert material and put in a container intended for flammable materials for disposal. Do not allow to enter sanitary drains, sewer or surface and subsurface waters. Keep out of lakes, ponds or streams.

7. Handling and Storage

Precautions To Be Taken in Handling: 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/vapours/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/clothing and eye/face protection.



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Revision: 09/06/2017
Supersedes Revision: 05/07/2014

Keep out of the reach of children.

Precautions To Be Taken in Storing: Store locked up. Store container tightly closed in well-ventilated place. Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-47-8	Hydrotreated light distillate (petroleum)	No data.	TLV: 200 mg/m3	No data.
112-80-1	Oleic acid	No data.	No data.	No data.
124-38-9	Carbon dioxide	PEL: 5000 ppm	TLV: 5000 ppm STEL: 30,000 ppm	No data.

Respiratory Equipment (Specify Type): Do not breathe vapor or mist. Use in a well-ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.

Eye Protection: Chemical goggles; also wear a face shield if splashing hazard exists.

Protective Gloves: Avoid skin contact. Wear protective clothing and gloves.

Other Protective Clothing: Avoid skin contact. Wear protective clothing and gloves.

Engineering Controls (Ventilation etc.): Use in a well-ventilated area. Local exhaust ventilation as necessary to maintain exposures to within applicable limits.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Colorless to pale yellow liquid with hydrocarbon odor.

pH: No data.

Melting Point: No data.

Boiling Point: 410.00 F (210.0 C)

Flash Pt: 175.00 F (79.4 C) Method Used: TAG Closed Cup

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: .7 UEL: 6

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): .81

Solubility in Water: Nil

Octanol/Water Partition Coefficient: No data.

Percent Volatile: 0.0 % by weight.

Autoignition Pt: No data.

Decomposition Temperature: No data.

Viscosity: No data.



10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Keep away from heat, sparks and flame. Avoid any sources of ignition. Do not expose to heat or store at temperatures above 120 degrees F.

Incompatibility - Materials To Avoid: Strong oxidizing agents.

Hazardous Decomposition or Byproducts: Carbon monoxide. Carbon dioxide. Oxides of carbon and nitrogen.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64742-47-8	Hydrotreated light distillate (petroleum)	n.a.	n.a.	A4	n.a.
112-80-1	Oleic acid	n.a.	n.a.	n.a.	n.a.
124-38-9	Carbon dioxide	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 **Packing Group:**
Hazard Class: 2.1 - FLAMMABLE GAS **IMDG Classification:** 2.1
IMDG EMS Page: **IMDG MFAG Number:**
Marine Pollutant: No

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Aerosols, flammable, 2.1, Ltd Qty.
UN Number: 1950
Hazard Class: 2.1 - FLAMMABLE GAS **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)
64742-47-8	Hydrotreated light distillate (petroleum)	No	No	No
112-80-1	Oleic acid	No	No	No
124-38-9	Carbon dioxide	No	No	No

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

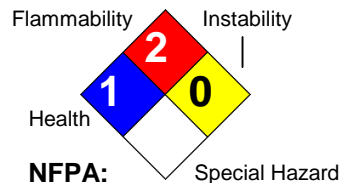
64742-47-8	Hydrotreated light distillate (petroleum)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
112-80-1	Oleic acid	CAA HAP,ODC: No; CWA 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: Yes - 1; SC TAP: No; WI Air: No
124-38-9	Carbon dioxide	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: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes

CAS # Hazardous Components (Chemical Name)
International Regulatory Lists

64742-47-8	Hydrotreated light distillate (petroleum)	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
112-80-1	Oleic acid	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
124-38-9	Carbon dioxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

16. Other Information

Revision Date: 09/06/2017

Hazard Rating System:

Additional Information About This Product: No data available.

Company Policy or Disclaimer:

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