

This Safety Data Sheet complies with the Canadian Controlled Product Regulations, the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910 (OSHA HCS), and the European Union Directives. Conforms to regulation (EC) No 1907/2006 (REACH) Annex II

1. Product and Supplier Identification

Product	Brennan® Crimp Oil , Lubrication for crimping and metal forming operations	Product Code FBOAEP
Product use		
Supplier	Brennan Industries, Inc. Cleveland, Ohio	
Manufacturer	Glenveigh Inc P.O. Box 44145 Bedford, NS Canada B4A 3X5	

Emergencies: +1 902 864-1200/ Toll Free: 1 866 314 1200

2. Hazards Identification

2.1 Classification of product or mixture

Note to reader: This product in an untested mixture and GHS classification is based on the classification of the ingredients and their concentrations. Proprietary ingredients, if any, do NOT exhibit any health effects not listed in this SDS.

GHS Classification: Aspiration Hazard, Category 1
Not classified as a hazardous material under NOM-018-STPS-2000 in Mexico.

2.2 GHS Label Elements, including precautionary statements

Pictogram:



Signal Word: Danger

GHS Hazard Statements: H304: May be fatal if swallowed and enters airways.

GHS Precautionary

Statements:

Prevention: None

Response: P301+P310: IF SWALLOWED: Immediately call a POISON CONTROL CENTRE P331: Do NOT induce vomiting

Storage: P405: Store locked up

Disposal: P501: Dispose of content and container according to all local, provincial (state) and federal regulations.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS: None

2.4 Additional Information Primary Routes of Entry:

Skin Contact: Yes
Skin Absorption: Yes
Eye Contact: Yes
Ingestion: Yes
Inhalation: No

Emergency Overview: Accidental ingestion may cause gastrointestinal irritation and upset. Serious risk of aspiration into the lungs may happen if ingestion occurs. Aspiration may be fatal. Contact with skin may not cause immediate health effects, but prolonged or repeated contact may cause defatting of the skin, dryness and cracking. Dermatitis may result. For those workers who have pre-existing skin problems, acute effects may be amplified. The manufacturer recommends skin protection when using this product.

Effects of Short-Term (Acute) Exposure:

Inhalation: Under normal conditions of use, no adverse health effects are indicated. If this product is misted, inhalation may cause irritation of the respiratory tract.

Skin Contact: Although it is recommended that skin protection be used, acute effects from contact with this product are unlikely to occur. Persons pre-disposed to skin irritation may experience reddening of the skin and/or the occurrence of a rash.

Eye Contact: May cause irritation of the eyes.

Ingestion: Ingestion is an unlikely route of entry, but if ingestion occurs, a serious risk of aspiration into the lungs exists. Aspiration may be fatal. Ingestion may cause gastrointestinal upset and irritation.

Effects of Long-Term (Chronic) Exposure: Prolonged use without skin protection may cause defatting of the skin, dryness and cracking. Dermatitis may result.

Medical Conditions Aggravated by Exposure: Persons susceptible to skin problems may find that the use of this product will cause increased symptoms of existing skin problems.

3. Composition

3.1 Mixture Composition

General - A blend of proprietary Surface Modifier, Anti-Wear and EP packages. The manufacturer & supplier considers these additive packages to be confidential information and is withheld as permitted by 29CFR 1910.1200.

3.2 Hazardous Ingredients: Petroleum Distillates, Complex Barium Carbonate, Barium Sulfonate.

3.3 CAS Number: Not applicable for mixtures and blends.

4. First Aid Measures

4.1 Description of First Aid Measures

General advice: Follow directions below. If adverse health effects linger, discomfort continues, or you have concerns, contact a physician immediately.

In case of eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Continue rinsing. If irritation occurs or persists, call a physician

In case of skin contact: If irritation occurs or persists, wash skin thoroughly with soap and water. Remove contaminated clothing and launder before re-use. If a skin irritation or allergic reaction occurs, seek medical attention. Wash hands thoroughly before eating.

Inhalation: Vaporization is not expected at ambient temperatures and this material is not expected to be an inhalation problem under anticipated conditions of use.

In case of inhalation: Move to fresh air. Apply artificial respiration or give oxygen, if needed. If exposed or concerned, seek medical advice.

If ingestion: Ingestion is an unlikely route of entry. Do NOT induce vomiting. Rinse mouth thoroughly. Never give anything by mouth to a victim who is unconscious or is having convulsions. If vomiting occurs naturally, keep head low to reduce chances of aspiration into the lungs. Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed

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Eye Contact: May cause irritation of the eyes.

Ingestion: Ingestion is an unlikely route of entry, but if ingestion occurs, a risk of aspiration into the lungs exists. Ingestion may cause gastrointestinal upset and irritation.

Effects of Long-Term (Chronic) Exposure: Prolonged use without skin protection may cause defatting of the skin, dryness and cracking. Dermatitis may result.

Medical Conditions Aggravated by Exposure: Persons susceptible to skin problems may find that the use of this product will cause increased symptoms of existing skin problems.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

4.4 **Pressure injection:** Always obtain immediate medical attention even though the injury may appear to be minor.

5. Fire Fighting Measures

5.1 Extinguishing Media

Suitable extinguishing media: Small Fire - use dry chemical.

Large Fire – use water spray, fog or foam.

Unsuitable extinguishing media: Do not use water jet to control fire. This method may scatter and spread the fire.

5.2 **Special hazards arising from mixture:** None known.

Protective Equipment: Wear full protective bunker gear including helmet, self-contained pressure or pressure demand breathing apparatus.

Advice for firefighters: Cool containers exposed to flames with water until well after the fire is out. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Use pressurized air mask if product is involved in a fire.

5.3 **Respiratory:** None is needed under anticipated use conditions with adequate ventilation. If exposure

exceeds the occupational exposure limits, follow OSHA standards or equivalent and wear proper NIOSH/MSHA – approved respiratory equipment.

5.4 Products of Combustion: Combustion can yield Oxides of Carbon.

Further Information:

Sensitivity to Impact: No
Sensitivity to Static Discharge: No

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD INDEX:

HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0

**HAZARDOUS MATERIAL
INFORMATION SYSTEM (HMIS)**

Health	1
Fire Hazard	1
Reactivity	0
Personal Protection	B

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures.

Refer to section 8 for personal protection details.

6.2 Environmental Precautions

Do not dispose oil directly into main drains or waterways.

6.3 Methods and Materials for containment and cleaning up spillages.

6.4 Transfer into suitable containers for recovery or disposal.

7. Handling & Storage

7.1 Precautions for safe handling

Handling Procedures: Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands after handling and before eating. Do not get this material in contact with eyes. Avoid contact with skin. Avoid prolonged exposure. All handling to take place in well-ventilated area. Shower after work. Remove and wash contaminated clothing promptly.

7.2 Conditions for safe storage, including incompatibilities

Storage: Keep away from heat, sparks and open flame. Store in a well-ventilated place.

Keep containers closed when not in use.

Clean up spills immediately to prevent slip hazards.

Recommended storage temperature range 5°-35°C/41°-95°F; Store in dry conditions.

Other safety information: None

7.3 Specific end use(s): Metal treatment, Maintenance Oil and Metal protection.

No other uses except those mentioned in Section 1.

8. Exposure Controls, Personal Protection

8.1 Protective Equipment:



8.2 Exposure Controls

Skin protection:	PVC, chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.
Eye and Face Protection:	Wear approved safety goggles.
Footwear:	No specific recommendation.
Body Protection:	Normal work wear.
Respiratory Protection:	Not normally required.
Other:	Emergency eyes wash fountains should be available in vicinity of use.

9. Physical & Chemical Properties

Information on basic physical and chemical properties:

Physical State:	Liquid
Color:	Light Tan
Odor:	Slight
Density (lbs / gall):	7.17
pH:	Not available
Specific Gravity (water=1):	0.832 (15.6°C)
Flash Point (COC):	98°C / 208°F
Flammability:	Non-Flammable
Upper / Lower Flammability Rates:	Not available
Vapour Pressure(mmHg):	4mm@20°C
Vapour Density:	Not available
Relative Density:	Not available
Solubility in Water:	Immiscible
Auto-ignition Point:	>250°C/482°F
Decomposition Temperature:	Not available
Viscosity @ (40°C)	3.0 cSt
Boiling Point (°C)	>200°C Min

These properties do not constitute a specification.

10. Stability & Reactivity

10.1	Stability & Reactivity	This product is stable
10.2.	Chemical Stability	Material is stable in normal conditions.
10.3	Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4	Conditions to avoid	Avoid temperatures exceeding the flash point.
10.5	Incompatible materials	Reactive with strong oxidizing agents.
10.6	Hazardous decomposition	Fumes, smoke and carbon monoxide and Sulphur oxides in case of incomplete combustion.

11. Toxicological Information

11.1	Acute toxicity	No toxic components
	Corrosivity/irritation	No evidence
	Sensitization	No evidence of Sensitization
	Repeat Dosage Toxicity	No evidence
	Mutagenicity	No evidence
	Carcinogenicity	No evidence
	Reproductive toxicity	No evidence

12. Ecological Information

12.1	Toxicity	No data
12.2	Persistence and degradability	Not inherently biodegradable.
12.3	Bio accumulative potential	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
12.4	Mobility in soil	No data available.
12.5	Results of PBT and vPvB assessment	Not conducted.
12.6	Other adverse effects	No data available.

13. Disposal Considerations

13.1 Waste treatment methods

Product: Review federal, provincial or state, and local government requirements prior to disposal. Store material for disposal as indicated in Storage Conditions. Disposal by controlled incineration may be acceptable.

Contaminated Packaging:

Contaminated packaging should be emptied as much as possible before disposal.

Hazardous Waste:

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC

Resource Conservation & Recovery Act:

When this product becomes a waste, it is classified as non-hazardous waste under the criteria of RCRA (40 CFR 261)

14. Transportation Information

Transport of Dangerous Goods (TDG and CLR): Not regulated
United States Department of Transport (49CFR): Not regulated as dangerous goods
Mexico (NOM-004-SCT2-1994, Land Transport of Hazardous Materials): Not regulated
International Air Transport Association (IATA): Not regulated
International Maritime Organization (IMO): Not regulated
UN Class Not Regulated.
ADR/RID – Class Not Regulated.
IMDG – Class Not Regulated.

15. Regulatory Information

US Federal Regulations: This product is not known to be a "Hazardous Chemical" as defined by The OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List. CERCLA/SARA Hazardous Substances - Not applicable.

TSCA Section 12(b) Export Notification (40 CFR 707, Sub pt. D) Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories: Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard – No

SARA 302 Extremely hazardous substance: No
SARA 311/312 Hazardous chemical: No
SARA 313 (TRI reporting): Not regulated.

Other Federal Regulations:

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.
Safe Drinking Water Act (SDWA) Not regulated.
Food & Drug Administration (FDA) Not regulated.

US State Regulations:

US. California Haz Subs: Listed Substance (CAS 6472-70-7)
US. New Jersey Worker and Community Right-to-Know Act: No components listed.
US. Minnesota Haz Subs: Listed Substance (CAS 6472-70-7)
US. Massachusetts RTK – Substance List (CAS 6472-70-7)
US. Pennsylvania RTK - Hazardous Substances: (CAS 6472-70-7)

Canada
CEPA (DSL): All ingredients of this product are listed on the domestic substances list.
WHMIS Classification: Not Controlled.
Proper Shipping Name: Lubricating Oil.
Hazard Class: Non Hazardous.

SOME OF THE INFORMATION PRESENTED AND CONCLUSIONS DRAWN HEREIN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE MIXTURE ITSELF

16. Other Information

Original Preparation Date: November 20th, 2015

Disclaimer of Liability: This Safety Data Sheet (SDS) was prepared using information provided by CCINFO, ingredient supplier SDS and other relevant sources. This product has been classified using weight of evidence, expert judgment and previous testing as per Part 1.3 of the Fifth Edition of The Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The information in this SDS is offered for your consideration and guidance when exposed to this product.

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THIS SDS REFERS ONLY TO THE PRODUCT NAMED IN SECTION 1.

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