

Safety Data Sheet

Product: BIG CHEF CANOLA

SDS Date: 07/31/2015
Product Name: Big Chef Canola

1. Identification

Manufacturer or Supplier:

Delta Brands Inc.
1890 Palmer Avenue
Larchmont
10538 New York
Tel: +914 833 17 00

For Product Information/Emergency:

Emergency Contact: ChemTel
Contact Numbers: +1.800.255.3924 (US, Canada, Puerto Rico, USVI)
+1.813.248.0585 (International)

Product Items : 10929

2. Hazards Identification

EMERGENCY OVERVIEW DANGER

Causes eye irritation. Causes mild skin irritation. Extremely flammable aerosol.

Prevention: Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Storage/Disposal: Protect from sunlight. Do not expose to temperatures exceeding 50C/122F.



Use only as directed. Deliberately concentrating and inhaling the contents can be harmful or fatal. For more education about product abuse, contact the Alliance for Consumer Education at www.consumered.org. Contents under pressure. Do not expose to temperatures above 120 degrees Fahrenheit. Do not puncture or incinerate can. Keep out of the reach of children. Choking hazard, cap contains small parts.

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Physical Form	☐	Aerosol
Color	☐	Clear to light yellow.
Odor	☐	Odorless
Flash Point	☐	-100 F(-73.3333 C)
UEL	☐	9.5 %
LEL	☐	1.9 %
OSHA	☐	Flammable Aerosol
WHMIS	☐	Class B - Flammable and Combustible Materials - Division 5



EU	☐	Extremely Flammable - F+ R12, R42
	☐	
	☐	



GHS Eye ▪ Flammable Aerosols - Category 1, Skin Corrosion/Irritation - Category 3, Serious Damage, Eye Irritation - Category 2B

Route Of Entry ▪ Inhalation, Skin, Eye
Target Organs ▪ Central Nervous System (CNS), Heart/Cardiovascular System
Medical Conditions ▪ None Known,
Aggravated by Exposure



Potential Health Effects

Inhalation

Acute (Immediate) : Possible irritant under conditions of occupational exposure. High concentrations of the propellant may cause a deficiency of oxygen with a risk of unconsciousness as well as central nervous system depression. Symptoms may include dizziness and headache. Cardiac and neurological effects can occur due to acute overdose of this product resulting in impaired memory, slurred speech, seizure, or death from cardiac arrhythmias. NOTE: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Chronic (Delayed) : Under normal conditions of use, no chronic effects are expected. This product contains propane and butane which are known to cause central nervous system depression and cardiovascular symptoms.

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Skin

Acute (Immediate) : Possible irritant under conditions of occupational exposure.

Chronic (Delayed) : Under normal conditions of use, no chronic effects are expected.

Eye

Acute (Immediate) : Possible irritant under conditions of occupational exposure. If sprayed directly into eye severe irritation may occur.

Chronic (Delayed): Under normal conditions of use, no chronic effects are expected.

Ingestion

Acute (Immediate) : No effects are expected.

Chronic (Delayed) : No effects are expected.

3. Composition/Information on Ingredients

Hazardous Components						
Chemical Name	CAS	%(wt)	UN;EINECS	LD50/LC50	EU R & S Phrases	Other
Liquefied petroleum gas blend	68476-86-8	10% TO 18%	UN1075, 270-705-8	NDA	F+; R12 Carc.Cat.1; R45 Muta.Cat.2; R46	NDA
Non-Hazardous Components						
Chemical Name	CAS	%(wt)	UN;EINECS	LD50/LC50	EU R & S Phrases	Other
Canola Oil	120962-03-0	10% TO 20%	NDA	NDA	NDA	NDA
Soy Lecithin	8002-43-5	2% TO 8%	232-307-2	NDA	NDA	NDA

4. First-Aid Measures

Inhalation

- If victim is unconscious or intentional abuse of the product is suspected, seek medical attention at once.

Skin

- If skin irritation occurs: get medical advice/attention.

Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

- Not applicable, product is intended for ingestion.

5. Fire-Fighting Measures

Extinguishing Media

- SMALL FIRES: Dry chemical, CO₂, water spray or alcohol-resistant foam.
- LARGE FIRES: Dry chemical, CO₂, alcohol-resistant foam or water spray.

Unsuitable Extinguishing Media

- None known.

Firefighting Procedures

- Keep unauthorized personnel away.
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions.
- Fire fighters should wear complete protective clothing including self-contained breathing apparatus.
- FIRE INVOLVING TANKS OR CAR/TRAILER LOADS: For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

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| <p>Unusual Fire and Explosion Hazards</p> | <p>FIRE INVOLVING TANKS OR CAR/TRAILER LOADS: Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
 FIRE INVOLVING TANKS AND CAR/TRAILER LOADS: ALWAYS stay away from tanks engulfed in fire.
 LARGE FIRES: Dike fire-control water for later disposal.
 LARGE FIRES: Move containers from fire area if you can do it without risk.</p> |
| <p>Hazardous Combustion Products</p> | <ul style="list-style-type: none"> ▪ HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Oily rags may appear to spontaneously combust with very minimal sources of ignition. Thus, caution is required when such rags are stored and even away from any apparent ignition source. Containers generate pressure when heated and could cause bursting and dangerous propelling. ▪ Oxides of carbon. |
| <p>Protection of Firefighters</p> | <ul style="list-style-type: none"> ▪ Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection. |
| <p>Flash Point</p> | <ul style="list-style-type: none"> ▪ -100 F(-73.3333 C) |
| <p>Explosion Limits</p> | |
| <p>Upper</p> | <ul style="list-style-type: none"> ▪ 9.5 |
| <p>Lower</p> | <ul style="list-style-type: none"> ▪ 1.9 |
| <p>NFPA Aerosol Classification</p> | <ul style="list-style-type: none"> ▪ Level 3 |

6. Accidental Release Measures

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| <p>Personal Precautions</p> | <ul style="list-style-type: none"> ▪ Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas. |
| <p>Emergency Procedures</p> | <ul style="list-style-type: none"> ▪ ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. |
| <p>Environmental Precautions</p> | <ul style="list-style-type: none"> ▪ Prevent entry into waterways, sewers, basements or confined areas. |
| <p>Containment/Clean-up Measures</p> | <ul style="list-style-type: none"> ▪ Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. |
| <p>Prohibited Materials</p> | <ul style="list-style-type: none"> ▪ None known. |

7. Handling and Storage

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| <p>Handling</p> | <ul style="list-style-type: none"> ▪ Do not use in areas without adequate ventilation. Take precaution to prevent slips and falls in and around areas of repeated use where drift of aerosolized oil may occur. Keep away from heat and sparks. In case of accidental puncturing with forklift, shut off lift and ignition sources and ventilate area. |
| <p>Storage</p> | <ul style="list-style-type: none"> ▪ Store below 120 F. Store in a cool/low-temperature, well-ventilated place away from heat and ignition sources. |

8. Exposure Controls / Personal Protection

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| <p>Personal Protective Equipment</p> | |
| <p>Respiratory</p> | <ul style="list-style-type: none"> ▪ None required for normal handling. |
| <p>Eye/Face</p> | <ul style="list-style-type: none"> ▪ None required for normal handling. |
| <p>Hands</p> | <ul style="list-style-type: none"> ▪ None required for normal handling. |
| <p>Skin/Body</p> | <ul style="list-style-type: none"> ▪ None required for normal handling. |
| <p>Additional PPE</p> | <ul style="list-style-type: none"> ▪ Wear slip resistant shoes where oil mist accumulates. |
| <p>Engineering Measures/Controls</p> | <ul style="list-style-type: none"> ▪ Use adequate ventilation to remove vapors (fumes, dust, etc). Use local exhaust for small enclosed work areas. |

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9. Physical and Chemical Properties

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| <p>Physical Form</p> <p>Appearance/Description</p> | <ul style="list-style-type: none"> ▪ Aerosol ▪ Clear to light yellow liquid with no odor |
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Color: Clear to light yellow		Odor: Odorless	
Taste: Light oily taste. No data available.		Odor Threshold: NDA	
Boiling Point:	NDA	Vapor Pressure:	3397 mmHg (torr)
Melting Point:	NDA	Vapor Density:	> 1 Air=1
Specific Gravity:	0.823	Evaporation Rate:	> 1 n-Butyl Acetate = 1
Density:	6.8679 lbs/gal	VOC (Wt.):	NDA
Bulk Density:	NDA	VOC (Vol.):	NDA
pH:	NDA	Volatiles (Wt.):	NDA
Water Solubility:	Slightly Soluble	Volatiles (Vol.):	NDA
Solvent Solubility:	NDA	Flash Point:	-100 F(-73.3333 C)
Viscosity:	NDA	Flash Point Test Type:	NDA
Half-Life:	NDA	UEL:	9.5 %
Octanol/Water Partition coefficient:	NDA	LEL:	1.9 %
Coefficient of water/oil distribution:	NDA	Autoignition:	NDA
Bioaccumulation Factor:	NDA	Bioconcentration Factor:	NDA
Biochemical Oxygen Demand BOD/BOD5:	NDA	Chemical Oxygen Demand:	NDA
Persistence:	NDA	Degradation:	NDA

10. Stability and Reactivity

- | | |
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| <p>Stability</p> <p>Hazardous Polymerization Conditions to Avoid</p> <p>Incompatible Materials</p> <p>Hazardous Decomposition Products</p> | <ul style="list-style-type: none"> ▪ Stable under normal temperatures and pressures. ▪ Hazardous polymerization will not occur. ▪ Store below 120 F. ▪ Incompatible Materials: Easily oxidizable materials ▪ Oxides of carbon. |
|--|---|

11. Toxicological Information

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| Material Information | <ul style="list-style-type: none"> ▪ No data available on the material as a whole. |
|-----------------------------|---|

Component Name	Concentration	CAS	Data
Soy Lecithin	2% TO 8%	8002-43-5	Acute Toxicity: ; orl-rat LD :>8 mL/kg

12. Ecological Information

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| <p>Ecological Fate</p> <p>Persistence/Degradability</p> <p>Bioaccumulation Potential</p> <p>Mobility in Soil</p> | <ul style="list-style-type: none"> ▪ Product has not been studied as distributed. ▪ Product has not been studied as distributed. ▪ Product has not been studied as distributed. ▪ Product has not been studied as distributed. |
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13. Disposal Considerations



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- Product**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

14. Transportation Information

DOT – United States - Department of Transportation
 Shipping Name: Aerosols (Contains Isobutane – Limited Quantity)
 Hazard Class: 2.1
 Packing Group: Not Applicable
 Labeling Class: Exempt as Limited Quantity
 ID Number: UN1950

15. Regulatory Information

SARA Hazard Classifications ▪ Acute, Fire, Pressure(Sudden Release of)

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
Canola Oil	120962-03-0	Yes	No	Yes
Soy Lecithin	8002-43-5	Yes	No	Yes
Liquefied petroleum gas blend	68476-86-8	Yes	No	Yes

Canada

Labor

Canada – WHMIS - Classifications of Substances
 Not Listed

Canada - WHMIS - Ingredient Disclosure List
 Not Listed

Mexico

Other

Mexico - Hazard Classifications
 Not Listed

Mexico - Regulated Substances
 Not Listed



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United States

Environment

U.S. - CAA (Clean Air Act) - Accidental Release Prevention - Flammable Substances
 Not Listed

Other

U.S. - FDA - Food Additives Generally Recognized as Safe (GRAS)
 Not Listed

U.S. - FDA - Substances Prohibited from Use in Human Food
 Not Listed

16. Other Information

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product.

If the product is used as a component in another product, this SDS information may not be applicable.

Products covered by this SDS:

<u>Item#</u>	<u>Brand</u>	<u>Description</u>
10929	Big Chef	Cooking Spray Canola

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Key Legend Information:

- NA – Not Applicable
- ND – Not Determined
- ACGIH – American Conference of Governmental Industrial Hygienists
- OSHA – Occupational Safety and Health Administration
- TLV – Threshold Limit Value
- PEL – Permissible Exposure Limit
- TWA – Time Weighted Average
- STEL – Short Term Exposure Limit
- NTP – National Toxicology Program
- IARC – International Agency for Research on Cancer
- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)



Edition Date: 05/11/2015
Form No: AR-F.12-R.01 / 09.12
Revision Date: -
Revision No: 00
Sayfa 8 / 8

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IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

PNEC: Predicted No-Effect Concentration (REACH)

DNEL: Derived No-Effect Level (REACH),

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent