

Section 1 - Product and Company Identification

Material Name > 5150070604 CR Pan release 17 oz.
UPC > 51500 70604
MFG Number > 1000388015
Chemical Category > PREDOMINANTLY TRIGLCERIDES, Vegetable Oils
Product Use > Cooking Spray. Food Product.
Manufacturer > Full-Fill Industries, LLC
 400 North Main Street
 Henning, IL 61848

Telephone
Emergency Contact > Chemtrec 1800-424-9300

Section 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.

Flammable
 Aerosol
 H223



H316 Causes mild skin irritation
 H320 Causes eye irritation

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 (50 degrees C).

Do not puncture or incinerate can. Keep out of the reach of children. Choking hazard, can contains small parts.

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



GHS > Flammable Aerosols - Category 1, Skin Corrosion/Irritation - Category 3, Serious Eye 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

NFPA



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

Skin

- Acute (Immediate)** > If sprayed directly on skin possible irritation could occur.
- Chronic (Delayed)** > Under normal conditions of use, no chronic effects are expected.

Eye

- Acute (Immediate)** > 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

See section 12 for Ecological Information

Section 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. Cat2; R46	NDA
Non-Hazardous Components						
Chemical Name	CAS	%(wt)	UN;EINECS	LD50/LC50	EU R & S Phrases	Other
Canola Oil	120962-03-0	70% to 85%	NDA	NDA	NDA	NDA
Soy Lecithin	8002-43-5	2% to 8%	232-307-2	NDA	NDA	NDA
Dimethylpolysiloxane	63148-62-9	< 0.1%	213-915-7	Oral LD50 Rat: >17 g/kg	NDA	NDA

See section 11 for Toxicological Information

Section 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.

See section 2 for Potential Health Effects

Section 5 - Fire Fighting Measures

- Extinguishing Media** > SMALL FIRES: Dry chemical, CO2, Halon or alcohol-resistant foam.
LARGE FIRES: Dry chemical, CO2, alcohol-resistant foam.
- Unsuitable Extinguish Media** > Keep containers cool with water spray but do NOT use water to put out fires.
- 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.
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.
- Unusual Fire and Explosion Hazards** > 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.
- Hazardous Combustion Products** > Oxides of carbon.
- Protection of Firefighters** > Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.
- Flash Point** > -100 F(-73.3333 C)
- Explosion Limits**
- Upper > 9.5
- Lower > 1.9
- NFPA Aerosol Classification** > Level 3

Section 6 - Accidental Release Measures

- Personal Precautions** > Do not touch damaged containers or spilled material unless wearing appropriate protective clothing
Ventilate enclosed areas
- Emergency Procedures** > 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
- Environmental Precautions** > Prevent entry into waterways, sewers, basements or confined areas. Should a release of this produce enter a US waterway and cause a film or shee, the National Response Center (NRC) must be notified within 24 hours at (800) 424-8802.
- Containment/Cleanup Measures** > 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.
- Prohibited Materials** > None Known

Section 7 - Handling and Storage

- Handling** > 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.
- Storage** > Store below 120 F (48.8 C). Store in a cool/low-temperature, well-ventilated place away from heat and ignition sources.

Section 8 - Exposure Controls/Personal Protection

- Personal Protective Equipment**
- Respiratory** > None required for normal handling.
- Eye/Face** > None required for normal handling. Safety glasses with side shields or goggles should be worn under conditions of occupational exposure.
- Skin** > None required for normal handling. Protective clothing and gloves should be worn under conditions of occupational exposure. Wash exposed skin thoroughly with water and mild soap.
- Additional PPE** > Wear slip resistant shoes where oil mist accumulates.
- Engineering Measure and Controls** > Use adequate ventilation to remove vapors (fumes, dust, etc). Use local exhaust for small enclosed work areas.

Section 9 - Physical/Chemical Characteristics

- Physical Form** > Aerosol
- Appearance/Descriptor** > Clear to light yellow liquid with no odor

Color: Clear to light yellow	Odor: Odorless
Taste: Light, oily taste	Odor Threshold: NDA
Boiling Point NDA	Vapor Pressure 3397 mmHg (torr)
Melting Point NDA	Vapor Density > 1 Air = 1
Specific Gravity 0.823 Water = 1	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 Type Test 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

Section 10 - Stability and Reactivity

- Stability** > Stable under normal temperatures and pressures.
- Hazardous Polymerization** > Hazardous polymerization will not occur.
- Conditions to Avoid** > Store below 120 F. Do not expose to open flame or ignition sources.
- Incompatible Materials** > Incompatible Materials: Easily oxidizable materials
- Hazardous Decomposition Products** > Oxides of carbon.

Section 11 - Toxicological Information

GHS Properties	Classification
Acute Toxicity	Classification criteria not met
Aspiration Hazard	Classification criteria not met
Carcinogenicity	Classification criteria not met
Germ Cell Mutagenicity	Classification criteria not met
Skin Corrosion/Irritation	Skin irritation 2
Skin Sensitization	Classification criteria not met
STOT-RE	Classification criteria not met
STOT-SE	Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
Toxicity for Reproduction	Classification criteria not met
Respiratory Sensitization	Classification criteria not met
Serious Eye Damage/Irritation	Eye irritation 2A

Section 12 - Ecological Information

- Ecological Fate** > Product has not been studied as distributed.
- Persistence** > Product has not been studied as distributed.
- Degradibility**
- Bioaccumulation Potential** > Product has not been studied as distributed.
- Mobility in Soil** > Product has not been studied as distributed.

Section 13 - Disposal Considerations

- Product** > Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Do not dispose of in a trash compactor or incinerate.

Section 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

Transport in bulk according to AnnexII of MARPOL 73/78 and the IBC Code: Not applicable.

Section 15 - Regulatory Information

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

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
Liquefied Petroleum gas Blend	68476-86-8	Yes	No	Yes
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Canola Oil	120962-03-0	Yes	No	Yes
Soy Lecithin	8002-43-5	Yes	No	Yes
Dimethylpolysiloxane	63148-62-9	Yes	No	Yes
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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

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

Section 16 - Other Information

Disclaimer/Statement of Liability:

All Full-Fill Industries, LLC Pan Coating products are not considered to be or to contain hazardous chemicals based on the evaluations made under the Occupational Safety and Health Administrator's Hazard Communication Standard, 29 CFR 1910.1200. As food products are subject to Federal Food and Drug Administration regulations, each pan coating can contains the required warning statements concerning the safe handling of the pressurized containers.

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.