Safety Data Sheet

Section 1: Identification

Product identifier

Product Name

- **Pam Original Cooking Spray – No Residue**

  Includes all sizes and product codes

Relevant identified uses of the substance or mixture and uses advised against

Recommended use

- Non-stick cooking spray

Restrictions on use

- Anything other than use described above.

Details of the supplier of the safety data sheet

Manufacturer

- ConAgra Foods®

  One ConAgra Dr.
  Omaha, NE 68102 1-165
  United States
  www.conagrafoods.com

Telephone (General)

- Call your Customer Service Rep

Emergency telephone number

Manufacturer

- 1-800-424-9300 - CHEMTREC

Section 2: Hazard Identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

- Flammable Aerosols 1 - H222

Label elements

OSHA HCS 2012

DANGER

Hazard statements

- Extremely flammable aerosol - H222

Precautionary statements

Prevention

- Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking. - P210
  Do not spray on an open flame or other ignition source. - P211
  Pressurized container: Do not pierce or burn, even after use. - P251

Storage/Disposal

- Protect from sunlight. Do not expose to temperatures exceeding 50ºC/122ºF. - P410+P412

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard),

this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition					
Chemical Name	**Identifiers**	**%**	**LD50/LC50**	**Classifications According to Regulation/Directive**	**Comments**
Palm Oil	**CAS:** 8002-75-3	15% TO 35%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Coconut Oil	**CAS:** 8001-31-8	15% TO 35%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Canola Oil	**CAS:**120962-03-0	35% TO 65%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Liquified petroleum gas blend	**CAS:**68476-86-8	15% TO 18%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Soy Lecithin	**CAS:**8002-43-5	0% TO 8%	NDA	**OSHA HCS 2012:** Not Classified	NDA

Section 4: First-Aid Measures

Description of first aid measures

Inhalation
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If victim is unconscious or intentional abuse of the product is suspected, seek medical attention at once.

Skin
- Immediately flush skin with soap and plenty of water. 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.

Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media
- SMALL FIRES: Dry chemical, CO_2, water spray or alcohol-resistant foam.
  LARGE FIRES: Dry chemical, CO_2, alcohol-resistant foam or water spray.

Unsuitable Extinguishing Media
- None known.

Special hazards arising from the substance or mixture

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.

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).
  Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Ventilate enclosed areas. Spilled material may present a slipping hazard. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures
- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Containment/Clean-up Measures
- Wipe up spilled material with a cloth or paper towel.
  Dispose of oil-containing cleaning cloth away from ignition sources.
  Regular cleaning in and around areas of repeated use where drift of aerosolized oil may occur is recommended to help prevent slips and falls.

Section 7 - Handling and Storage

Precautions for safe handling

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.

Conditions for safe storage, including any incompatibilities

Storage
- Do not store or expose to conditions above 120ºF. Store in a cool/low-temperature, well-ventilated place away from heat and ignition sources. This material is classified as an NFPA 30B Level 3 Aerosol.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines
- Currently there are no applicable exposure limits established for this material.

Exposure controls

Engineering Measures/Controls
- Use adequate ventilation to remove vapors (fumes, dust. etc). Use local exhaust for small enclosed work areas.

Personal Protective Equipment

Respiratory
- None required for normal handling.

Eye/Face
- None required for normal handling.

Hands
- None required for normal handling.

Skin/Body
- None required for normal handling.

Environmental Exposure Controls
- Follow best practice for site management and disposal of waste. Controls should be engineered to prevent release to the environment, including procedures to prevent spills,

atmospheric release and release to waterways.

Additional Protection Measures

- Wear slip resistant shoes where oil mist accumulates.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Light yellow or green liquid.
Color	Light yellow or green.	Odor	No data available
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	No data available	Water Solubility	No data available
Viscosity	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available	VOC (Wt.)	18 %
VOC (Vol.)	18 %		
Flammability			
Flash Point	-155 F(-103.8889 C)	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Excess heat.

Incompatible materials

- None known.

Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Cottonseed oil (65% TO 85%)	8001-29-4	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • >90 mL/kg
Olive oil (65% TO 85%)	8001-25-0	**Acute Toxicity:** Ingestion/Oral-Rat TDLo • 10 mL/kg; *Blood*:**Changes in serum composition (e.g., TP, bilirubin cholesterol)**; **Irritation:** Skin-Man • 50 mg 48 Hour(s) • Mild irritation; Skin-Rabbit • 100 mg 48 Hour(s) • Moderate

		irritation
Soy Lecithin (0% TO 8%)	8002-43-5	**Acute Toxicity:** Ingestion/Oral-Rat LDLo • >8 mL/kg; *Liver*:**Fatty liver degeneration**; *Liver*:**Other changes**

GHS Properties	Classification
Acute toxicity	**OSHA HCS 2012**•No data available
Aspiration Hazard	**OSHA HCS 2012**•No data available
Carcinogenicity	**OSHA HCS 2012**•No data available
Germ Cell Mutagenicity	**OSHA HCS 2012**•No data available
Skin corrosion/Irritation	**OSHA HCS 2012**•No data available
Skin sensitization	**OSHA HCS 2012**•No data available
STOT-RE	**OSHA HCS 2012**•No data available
STOT-SE	**OSHA HCS 2012**•No data available
Toxicity for Reproduction	**OSHA HCS 2012**•No data available
Respiratory sensitization	**OSHA HCS 2012**•No data available
Serious eye damage/Irritation	**OSHA HCS 2012**•No data available

Potential Health Effects

Inhalation

Acute (Immediate) • Under normal conditions of use, no health effects are expected.

Chronic (Delayed) • No data available

Skin

Acute (Immediate) • Under normal conditions of use, no health effects are expected.

Chronic (Delayed) • No data available

Eye

Acute (Immediate) • Under normal conditions of use, no health effects are expected.

Chronic (Delayed) • No data available

Ingestion

Acute (Immediate) • This product is intended for ingestion.

Chronic (Delayed) • No data available

Key to abbreviations

LD = Lethal Dose

TD = Toxic Dose

Section 12 - Ecological Information

Toxicity

- Product has not been studied as distributed.

Persistence and degradability

- Product has not been studied as distributed.

Bioaccumulative potential

- Product has not been studied as distributed.

Mobility in Soil

- Product has not been studied as distributed.

Other adverse effects

- Product has not been studied as distributed.

Section 13 - Disposal Considerations

Waste treatment methods

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

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

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	UN1950	Aerosols, (Contains Isobutane) Limited Quantity	2.1	NDA	NDA

Special precautions for user
- None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications
- Fire, Pressure(Sudden Release of)

State Right To Know					
Component	**CAS**	**MA**	**MN**	**NJ**	**PA**
Canola Oil	120962-03-0	No	No	No	No
Cottonseed oil	8001-29-4	No	No	No	Yes
Liquified petroleum gas blend	68476-86-8	No	No	No	No
Soy Lecithin	8002-43-5	No	No	No	No

Inventory		
Component	**CAS**	**TSCA**
Palm Oil	8002-75-3	Yes
Coconut Oil	8001-31-8	Yes
Canola Oil	120962-03-0	Yes
Liquified petroleum gas blend	68476-86-8	Yes
Soy Lecithin	8002-43-5	Yes

United States

Environment
No components listed

Other

U.S. - FDA - Food Additives Generally Recognized as Safe (GRAS)

•Canola Oil	120962-03-0	21 CFR 184.1555
•Soy Lecithin	8002-43-5	21 CFR 184.1400
•Liquified petroleum gas blend	68476-86-8	Not Listed

U.S. - FDA - Food Additives Permitted in Food on an Interim Basis

•Cottonseed oil	8001-29-4	Not Listed

U.S. - FDA - Indirect Food Additives

•Cottonseed oil	8001-29-4	21 CFR 175.300, 21 CFR 176.210, 21 CFR 177.2800 {also Triglycerides or Fatty acids derived there from oils in section 175.300, Fatty triglycerides, and the Fatty acids, Alcohols, and Dimers derived from oils in section 176.210}
•Soybean oil	8001-22-7	21 CFR 175.300, 21 CFR 176.210 {also Triglycerides or Fatty acids derived there from oils in section 175.300, Fatty triglycerides, and the Fatty acids, Alcohols, and Dimers derived from oils in section 176.210}
•Soy Lecithin	8002-43-5	21 CFR 175.300

U.S. - FDA - Total Food Additives List Sourced from EAFUS

•Canola Oil	120962-03-0	184.1555
•Soy Lecithin	8002-43-5	133.169, 133.173, 133.179, 136.110, 169.115, 169.140, 169.150, 175.300, 176.170, 184.1400
•Liquified petroleum gas blend	68476-86-8	Not Listed

Section 16 - Other Information

Last Revision Date
- 22/December/2014

Preparation Date
- 05/December/2014

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Key to abbreviations

NDA = No Data Available