

# 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  
michael.plagge@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. - 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 50°C/122°F. - 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<sub>2</sub>, water spray or alcohol-resistant foam.  
LARGE FIRES: Dry chemical, CO<sub>2</sub>, 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

- |                             |   |
|-----------------------------|---|
| <b>Personal Precautions</b> | • Ventilate enclosed areas. Spilled material may present a slipping hazard. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. |
| <b>Emergency Procedures</b> | • <b>ELIMINATE</b> 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

- |                                      |  |
|--------------------------------------|--|
| <b>Containment/Clean-up Measures</b> | • Wipe up spilled material with a cloth or paper towel.<br>Dispose of oil-containing cleaning cloth away from ignition sources.<br>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 120°F. 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

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

### Personal Protective Equipment

- |                    |                                      |
|--------------------|--------------------------------------|
| <b>Respiratory</b> | • None required for normal handling. |
| <b>Eye/Face</b>    | • None required for normal handling. |
| <b>Hands</b>       | • None required for normal handling. |
| <b>Skin/Body</b>   | • None required for normal handling. |

- |  |  |
|--|--|
| <b>Environmental Exposure Controls</b> | • 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	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • >90 mL/kg
Olive oil (65% TO 85%)	8001-25-0	<b>Acute Toxicity:</b> Ingestion/Oral-Rat TDLo • 10 mL/kg; <i>Blood:</i> <b>Changes in serum composition (e.g., TP, bilirubin cholesterol);</b> <b>Irritation:</b> 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	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LDLo • >8 mL/kg; <i>Liver:</i> <b>Fatty liver degeneration; Liver:Other changes</b>

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

•Liquified petroleum gas blend

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

- Cottonseed oil

120962-03-0 21 CFR 184.1555

8002-43-5 21 CFR 184.1400

68476-86-8 Not Listed

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
<b>U.S. - FDA - Total Food Additives List Sourced from EAFUS</b>		
•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

**Disclaimer/Statement of Liability** • The following MSDSs are provided as a courtesy to ConAgra Foods customers. The information provided herein is provided in good faith but no warranty, expressed or implied, regarding its correctness or accuracy is made. Since the conditions for use, handling, storage, and disposal of this product are beyond ConAgra Foods' control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage, or expense arising out of the improper use of this product. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. ConAgra Foods disclaims all liability for your use and reliance on any MSDS. Various Governmental agencies (e.g. DOT, OSHA, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

### Key to abbreviations

NDA = No Data Available