

MATERIAL SAFETY DATA SHEET

Issue Date 03/05

SECTION I	
Emergency Telephone Number: 1-800-742-7520	Chemtrec 24 Hour Phone Number: 1-800-424-9300
Identity: Bunge EZ Coat All Purpose Cooking Spray 17 oz.	
Ingredients/Chemical Name: Soybean Oil, Soy Lecithin (Heat Resistant), Silicone Dioxide, Water, Propellant (non-chlorofluorocarbon)	
Other: Aerosol Pan Coating/Food Release Cooking Sprays	

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION					
Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.					
			ACGIH	OSHA	Other Limits
<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>TLV</u>	<u>PEL</u>	<u>Recommended</u>
Propane/Isobutane	Propellant	68476-86-8	900 ppm	unknown	
DOT Classification: Aerosols, Flammable gas (each not exceeding 1 liter capacity), UN1950					
SARA reportable quantity 25000 lbs.					

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point(°F): -5.92°F Aeropres 55 (A-55)	Specific Gravity (H ₂ O=1): 0.5498
Vapor Pressure (mm Hg): 55 ± 5 PSIG@ 70°F	Percent Volatile by Volume(%): 16 - 18%
Vapor Density (Air=1): 1.8577	Evaporation Rate (nBu0Ac=1): Slower than b-acetate
Solubility in Water: Negligible	Appearance and Odor: Clear, odorless gas

SECTION IV - FLAMMABILITY AND REACTIVITY		
Flash Point (Method Used): -131.09°F propellant. 625°F concentrate	Explosive Limits: LEL: 1.8% UEL: 9.5%	
Extinguishing Media: Use CO ₂ or dry chemical, water may be ineffective		
Special Fire Fighting Procedures: Wear self contained breathing apparatus with a full face piece operated in a positive pressure mode. Water fog may be used to help cool containers to help minimize pressure buildup. Vapors are heavier than air and may travel along the ground to sources of ignition.		
Unusual Fire Hazards: Exposure to temperatures over 120°F may cause cans to burst. Reports have been made of ignition from pilot lights, heaters, etcetera after vapors have been moved by ventilating fans. Exploding cans may travel great distances spewing burning materials.		
Stability	Unstable: Stable: X	Conditions to Avoid: None Known
Incompatibility (Materials to Avoid): Strong oxidizers, heat and ignition sources.		
Hazardous Decomposition/By Products: Oxides of carbon, nitrogen.		
Hazardous Polymerization	May Occur: Will Not Occur: X	Conditions to Avoid: None Known

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

SECTION V - HEALTH AND SAFETY DATA	
Route(s) of Entry: Eye contact, inhalation, skin contact.	
Health Hazards (Acute and Chronic): Eye contact can cause pain and slight corneal injury, vapors irritate eyes. Breathing may be mildly anesthetic, narcotic effects may be seen in the 5000-10000 ppm range. Progressively higher levels can cause dizziness, unconsciousness and death. Prolonged or repeated skin contact may cause irritation, defatting.	
Sign and Symptoms of Exposure: Eye contact may cause pain, tearing, itching, swelling and/or redness. Inhalation may cause dizziness, and at high levels unconsciousness or death. Prolonged skin contact may result in redness, itching and irritation.	
Medical Conditions Generally Aggravated by Exposure: Pre-existing dermatitis conditions may be aggravated by prolonged contact with the product.	
Emergency and First Aid Procedures: Eyes: Irrigate with flowing water at least 10 minutes. Hold lids open as it helps prevent scratching and minimize irritation. Seek medical attention as material may become imbedded. Skin: Wash with soap and water. Consult a physician if irritation persists. Ingestion: Do not induce vomiting. Call a physician or poison control center immediately. Inhalation: Remove to fresh air. If not breathing, give mouth to mouth resuscitation. If breathing is difficult give oxygen. Call a physician as excessive exposure may cause irritation to the upper respiratory system.	

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE	
Precautions to be Taken in Handling and Storing: Store below 120°F. Avoid direct sources of heat and ignition. Consult local fire marshall and insurance representative for specific storage requirements in your area.	
Other Precautions: Do not use deformed or damaged cans. Keep out of reach of children.	
Steps to be Taken in Case Material is Released or Spilled: Small spills: Absorb with inert material and dispose in trash. Large spills: Not likely with aerosol cans. Extinguish sources of ignition, ventilate area to remove propellant vapors. Be cautious of low lying areas where vapors will accumulate. Do not enter areas without protective equipment. Do not allow to enter ground water or sewer systems. Absorb with inert material and place in waste disposal drums. Report spill if required by SARA III.	
Waste Disposal Method: When disposing of unused containers, the preferred method is to send to a licensed reclaimer or incineration facility capable of handling aerosol cans. Do not puncture or incinerate without the proper equipment as explosions are likely to occur with disastrous effects. In all instances dispose in accordance with federal, state and local guidelines.	

SECTION VII - SPECIAL PROTECTION INFORMATION		
Respiratory Protection (Specify Type): If using in areas where the TLV is likely to be exceeded, use a NIOSH/MSA approved respirator.		
Ventilation	Local Exhaust: None required with normal use.	Special: None
	Mechanical (General): Acceptable	Other: None
Eye Protection: None required with normal usage.		Protective Gloves: None required with normal use. Protective gloves should be worn if prolonged direct contact is anticipated.
Other Protective Equipment: None required with normal use.		

*N.A. - Not Applicable

*N.K. - Not Known

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.