SAFETY DATA SHEET

ACCORDING TO REGULATION: 1907/2006

1. Identification of the Substance/mixture and of the company/undertaking

Trade Name: #14335 Bak-klene Bread Bakery Spray
Trade Names/ Synonyms: N/A
Product Use: Pan Release Aerosol Spray
Creation Date: 04/13
Revision Date: 08/18

This Safety Data Sheet has been updated in accordance with the Global Harmonized System and is compliant with Regulation 1907/2006

Manufacturer/ Supplier
Par-W y Tryson Company
107 Bolte Lane
St. Clair, MO 63077
Tel. (800) 844-4554

Emergency Telephone #
Chemtrec 24 hour Emergency Response Telephone Number: 1-800-424-9300
Chemtrec 24 hour Emergency Response (Outside the U.S. and Canada) Telephone Number: (703) 527-3887

2. Hazards Identification

Classification of the substance or material
Classification according to Regulation (EC) No 1272/2008

Danger
Flammable Aerosol- Category 1
Health hazards: None identified
OSHA Defined Hazards: None identified

HIMS RATING	
HEALTH	1
FLAMMABILITY	4
REACTIVITY	1
P.P. EQUIPMENT	0

Label elements
Labeling according to Regulation (EC) No 1272/2008
This product is classified and labeled according to the CLP regulation.

Danger
Extremely Flammable Aerosol
Store below 49˚C (120˚F)
Do not spray into or near open flame. Keep away from heat/sparks/open flames/hot surfaces
Contents under pressure; do not puncture or incinerate
Avoid spraying in eyes
Protect from sunlight.

3. Composition/Information on Ingredients

Chemical characterization: Mixtures-
Description: Mixture of the substances below with nonhazardous additions

Cas #	Description	ACGIH	OSHA	% Range
120962-03-0	CANOLA OIL	NO LIMIT		
8042-47-5	MINERAL OIL	NO LIMIT		
8002-43-5	CANOLA LECITHIN	NO LIMIT		
	Mixed Phospholipids			
107-92-6	FLAVORING	NO LIMIT		
	Butyric Acid, Nat.			
7235-40-7	BETA CAROTENE (COLOR)	NO LIMIT		
10191-41-0	3,4-dihyro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-ol(dl-α-tocopherol)			
137-66-6	6-O-palmitoylascorbic acid			
77-92-9	Citric Acid			
68476-85-7	PROPANE/N-BUTANE	900 ppm		10/20

4. First Aid Measures

Description of First Aid Measures

- **After 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.
- **After Skin Contact:** wash with soap and water. Consult a physician if irritation persists
- **After Eye Contact:** irrigate with flowing water at least ten minutes. Hold lids open as it helps prevent scratching and minimize irritation. Seek medical attention as material may become embedded.
- **After swallowing: DO not induce vomiting.** Call a physician and/or poison control center immediately.

Information for doctor:
No further relevant information available

5. Firefighting Measures

EXTINGUISHING MEDIA:
Suitable extinguishing agents: Water fog, standard foam, CO_2, Dry chemical, Halon.

Special Hazards arising from the substance

- Vapors are heavier than air and may travel along the ground to sources of ignition; reports have been made of ignition from pilot lights, heaters, etc. after vapors have been moved by ventilating fans.
- Exploding cans may travel great distances discharging burning materials.
- Exposure to temperatures over 49˚C (120˚F) may cause cans to burst.

5. Firefighting Measures (cont)

Hazardous Decomposition Products

- Oxides of Carbon
- Nitrogen

Advice for Firefighters:
Protective Equipment: 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 build-up.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

- Wear PPE as necessary.
- Ensure adequate ventilation; excessive concentration of vapors are flammable
- Keep away from ignition sources

Environmental Precautions

- Do not allow to enter sewers/ surface or ground water.
- Do not puncture or incinerate empty or full cans.

Methods and material for containment and cleaning up

- Clean with soap and water
- Once spills or leaks are cleaned up, dispose of waste in accordance with governmental ordinances.

7. Handling and Storage

Handling:

Precautions for safe handling

- Use chemical resistant gloves if the possibility of prolonged contact exists
- General ventilation should be adequate for normal use; if using in a confined area, use necessary means of ventilation to keep from exceeding the TLV.

Precautions for Safe Storage

- Store in cool dry place with temperatures below 49˚C (120˚F)
- Avoid direct sources of heat and ignition
- Do not use deformed or damaged cans
- Keep out of the reach of children
- Consult local fire and insurance representatives for specific storage requirements in your area

8. Exposure Controls/personal protection

Exposure Control
General protective and hygienic measures:
The usual precautionary measures for using aerosols should be followed.

- Use in a well ventilated area
- Do not spray in eyes or face
- Do not intentionally inhale
- Remove soiled and contaminated clothing
- Wash hands and exposed skin
- If used in an enclosed area without proper ventilation where the TLV is likely to be exceeded, use a NIOSH/MSA approved respirator

PERMISSIBLE EXPOSURE LEVELS: 900 PPM Propellant

Personal Protective Equipment
If evidence of sensitivity to product is experienced:
Wear gloves and cover exposed skin
Eye protection if sensitivity to the eyes occurs.

9. Physical and Chemical Properties

Contents without propellant

- Appearance: golden translucent liquid
- Odor: buttery
- Flavor: buttery
- Specific Gravity: 0.91 @ 25°C (77°F)
- Viscosity: 75-90 cPs @ 25 °C (77°F)
- Evaporation Rate: Slower than B-Acetate
- Solubility in Water: negligible
- Vapor Density (air=1): N/A
- Smoke Point: 179°C (355°F) min.
- Flash Point: 260°C (500°F) min.

Contents with propellant

- Appearance: foamy white
- Odor: buttery
- Flavor: buttery
- Percent volatile: 10-20%
- Drum Test: Negative
- Flash Point: 68.89°C (-156°F) propellant
- Flammability Class: flammable
- Flame extension @ 21°C (70°F): > 45.72 cm (18 inches)
- Flame Back: none
- Vapor Pressure @ 21°C (70°F) : 70$\pm$ 5psig
- Vapor Pressure @ 54.4°C (130°F): 100 $\pm$ 10 psig
- Explosive Limits:
  - Lower: 1.8%
  - Upper: 9.5 %

10. Stability and reactivity

Reactivity
Chemical Stability: Normally stable
Possibility of hazardous reactions: no dangerous reactions known.
Conditions to avoid: keep away from flames and ignition sources; do not store above 48.89°C (120°F)
Incompatible materials: strong oxidizers.
Hazardous Polymerization: will not occur.

11. Toxicological information

Acute Effects:
Eyes: Can cause pain and slight corneal injury. Vapors irritate eyes.
Skin: Prolonged or repeated contact may cause irritation defatting. May be irritant to skin and mucous membranes
Breathing: Fumes from the propellant are mildly anesthetic, narcotic effects may be seen in the 5,000-10,000 ppm range. High concentrations can cause dizziness, headaches, narcosis and nausea.

Chronic Effects:
Target Organs/Systematic Effects: Excessive exposure can cause respiratory irritation, liver or kidney damage.

12. Ecological information

Toxicity
Aquatic toxicity: No further relevant information available.
Additional ecological information:
Do not allow large quantities of product to reach ground water, water course or sewage system.
Results of PBT and vPvB assessment
PBT: Not applicable
vPvB: Not applicable

13. Disposal information

Waste treatment methods
Do not dispose of in a trash compactor or incinerate.
Disposal must be made according to local and federal official regulations.

14. Transport information

DOT

UN Number:	UN1950
UN Proper Shipping Name:	AEROSOL
Transport Hazard Class:	2.1
Subsidiary Class(es):	-
SARA III Reportable quantity:	11, 340 kg (25,000 lbs.)
Container Size :	6-14 oz. AEROSOL CANS
Labels Required:	None
Special Provisions :	N82
Packaging Exceptions :	306
Packaging non bulk :	None
Packaging bulk	None

IATA

UN Number:	UN1950
UN Proper Shipping Name:	AEROSOL, flammable
Transport Hazard Class:	2.1
Subsidiary Class(es):	-
SARA III Reportable quantity:	11, 340 kg (25,000 lbs.)
Labels Required:	None
Container Size :	6-14 oz. AEROSOL CANS
Special Provisions :	N82
Environmental Hazards	No
Labels Required:	2.1
ERG code:	10L
Packaging bulk	LTD QTY

IMDG

UN Number:	UN1950
UN Proper Shipping Name:	AEROSOLS
Transport Hazard Class:	2.1
Subsidiary Class(es):	-
SARA III Reportable quantity:	11, 340 kg (25,000 lbs.)
Container Size :	6-14 oz. AEROSOL CANS
Environmental Hazards	
Marine Pollutant :	No
Labels Required:	None
EmS	F-D, S-U
Packaging Exceptions :	LTD QTY

Transport in bulk according to Annex II
Of MARPOL 73/78 and the IBC Code: Not applicable.

DOT

IATA; IMDG

15. Regulatory information

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated
CERCLA Hazardous Substance List (40 CFR 302.4): Not listed
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed
SARA 304 Emergency release notification: Not regulated

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories: Immediate Hazard-No
Delayed Hazard-Yes
Fire Hazard- Yes
Pressure Hazard-Yes
Reactivity Hazard-No
SARA 302 Extremely hazardous substance- No
SARA 311/312 Hazardous chemical- No

Other Federal Regulations:
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPS) List: not regulated
Clean Air Act (CAA) Section 112 (r) Accidental Release Prevention (40 CFR 68.130):
Butane (CAS 106-97-8)
Propane (CAS 74-98-6)
Safe Drinking Water Act (SDWA): Not regulated

Drug Enforcement Administration (DEA). Lsit 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number: Not listed

US State Regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US New Jersey Worker and Community Right-to-Know Act

Butane (CAS 106-97-8)	500 lbs
Propane (CAS 74-98-6)	500 lbs

US Pennsylvania RTK-Hazardous Substances
Butane (CAS 106-97-8)
Propane (CAS 74-98-6)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

15. Regulatory information (cont.)

International Inventories

Country(s) or Region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances In China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemical List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

* A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)
* A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory by the governing country(s)

16. Other information

The information contained herein is based on data considered accurate and is offered solely for information, consideration and investigation. Par-Way Tryson extends no warranties, makes no representations and assumes no responsibility as to the accuracy, completeness or suitability of this data for any purchaser's use. Recipients are advised to confirm in advance of the need that the data is correct, applicable and suitable to their circumstances. The data on this Material Safety Data Sheet relates only to this product and does not relate to use with any other material or in any process. The data on the material safety data sheet are not meant to be used as

specifications, only guideline information as to safe use of the product. User should also refer to OSHA, State and local safety laws before use. Hazard communication regulations require that employees must be trained on how to use a Safety Data Sheet as a source of hazard information. Standards change without notice; it is the responsibility of the recipient to assure that their personnel have been notified of any changes which may affect them.

Prepared by: Gary Daniels, Quality Systems Auditor, Par-Way Tryson Co.