MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material Name:	Static Guard Antistatic Spray
Revision Date:	May 6 2013
CAS #	Mixture
Product Use:	Anti-static Spray
Company Information	B&G Foods, Inc. Four Gatehall Drive, Suite 110 Parsippany, NJ 07054 973 401 6500 Contact Name: William H. Wright, EVP QA, R&D (Phone Extension) 6414

2. Hazards Identification

Emergency Overview	CONTENTS UNDER PRESSURE EXTREMELY FLAMMABLE. Will be easily ignited by heat, spark or flames Contact with eyes may cause irritation.
Potential short term health effects	
Eyes	Contact with eyes may cause irritation. Health injuries are not know or expected under normal use.
Skin	Health injuries are not know or expected under normal use.
Inhalation	Health injuries are not know or expected under normal use. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.
Ingestion	Do not ingest. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Health injuries are not know or expected under normal use.
Target Organs	Central Nervous System. Eyes. Respiratory system. Skin.
Chronic Effects	Conjunctiva. May cause central nervous system disorder (e.g. narcosis involving a loss of coordination, weakness, fatigue, metal confusion and blurred vision) and/or damage.
Main Symptoms	Conjunctivitis. Rash. Irritation. De fatting of the skin. Narcosis. Behavioral changes. Decrease in motor functions.

3. Composition / Information on Ingredients

Components	CAS#	Percent
ALCOHOL DENATURED	64-17-5	< 80
Isobutane	75-28-5	< 10
Hydrofluorocarbon 152A	75-37-6	< 20
Propane	74-98-6	< 2.5

Composition Comments: This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA

4. First Aid Measures

First Aid	
Eye Contact	Immediately flush eyes with plenty of water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops or persists.
Inhalation	Move to fresh air. Call physician if symptoms develop or persist.
Ingestion	Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to mouth method if victim ingested the substance. Induce artificial respiration with the aid of a picket mask equipped with a one-way valve or to the proper respiratory medical device. If ingestion of a large amount does occur, seek medical attention.
Notes to Physician	Symptoms may be delayed
General Advice	Ensure that medical personnel are aware of the material(s) involved and take precaution to protect themselves. Call physician if symptoms develop or persist. If you feel unwell, seek medical advice (show the label where possible)

5. Fire Fighting Measures

Unusual fire & explosion hazards	Vapor or gas may spread to distant ignition sources and flash back. Run off to sewer may cause fire or explosion hazard. Containers may explode when heated.
Suitable extinguishing media	Small fires: Dry chemical, CO_2, water spray or regular foam. Large fires: Water spray, fog or regular foam.
Firefighting equipment/instructions	Wear full protective clothing, including helmet, self contained positive pressure or pressure demand

	breathing apparatus, protective clothing and face mask. Move container from fire area, if you can do it without risk. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. ALWAYS stay away from tanks engulfed inflame. For massive fire, use unmanned hose holders or monitor nozzles, if this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound fro venting safety devices or any discoloration of tanks due to fire.
Special protective equipment for fire fighters	Structural firefighter's protective clothing will only provide limited protection.
Specific methods	In the event of fire and/or explosion do not breathe fumes.
Flash Point	>-58 °F(>50° C) Propellant
Auto ignition temperature	685.4 °F (362.8 °C) estimated

6. Accidental Release Measures

Containment Procedures	Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material where this is possible.
Personal precautions	Ventilate closed spaces before entering. Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep out of low areas. Stay up wind.
Methods for cleaning up	Large spills: Dike far ahead of liquid spill for later disposal. Absorb with earth, sand or other non combustible material land transfer to containers for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

7. Handling and Storage

Handling	Do not handle or store near an open flame, heat or other sources of ignition. Vapors may forms explosive mixtures with air. All equipment used when handling the product must be grounded. Avoid contact with skin and eyes. Keep away from sources of ignition – No smoking. May be ignited by open flame. Do not breathe gas/fumes/vapor/spray.
Storage	Do not handle or store near an open flame, heat or other sources of ignition. Store in cool place. Keep in a well ventilated place. This material can accumulate static charge, which may cause spark and become an ignition source. The pressure in sealed containers can increase under the influence of heat. Use care in handling/storage. Keep the container dry. Keep this material away from food, drink and animal feed. Keep out of the reach of children. Level 2 Aerosol

8. Exposure control / Personal Protection

Personal Protective Equipment

Respiratory protection	No personal respiratory protective equipment normally required. Applicable for industrial setting only. When workers are facing concentrations over the exposure limit they must use appropriate certified respirators.
Hand protection	Not normally needed Applicable for industrial setting only. Protective gloves.
Eye Protection	Avoid contact with eyes Applicable for industrial settings only. Wear chemical goggles.
Skin and body protection	Not normally needed. Applicable for industrial setting only. Use personal protective equipment as required.
Engineering measure to reduce exposure	Use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Use explosion proof equipment if high dust/air concentrations are possible. Use explosion proof ventilation equipment
Hygiene measures	Avoid contact with eyes. When using do no smoke. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Boiling Point	>1.04 °F (>-17.2 °C)
Flammability	Not available
Form	Aerosol
Percent Volatile	90.6097% estimated
Vapor Pressure	47 – 67 psi @70 °F (21.1 °C)
VOC	79.506%

10. Chemical Stability & Reactivity Information

Stability	Risk of explosion. Risk of ignition.
Incompatibility	Acids, Amines, Isocyanates, Strong Oxidizing agents

11. Toxicological information

Toxicology data for the preparation

Local effects	Contact may irradiate or burn eyes.

Carcinogenicity

US ACGIH Threshold Limit Values: A4 carcinogen

ALCOHOL DENAT.	64-17-5	Not classifiable as a human carcinogen

Reproductivity	Possible reproductive hazard
Chronic toxicity	Prolonged exposure may cause chronic effects
Further Information	Symptoms may be delayed

12. Ecological Information

Ecotoxicity: This material is not expected to be harmful to aquatic life. Components of this product have been identified as having potential environmental concerns.

Invertebrate Toxicity: EC50 value

ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna)>4.58 mg/l 24 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna)>100 mg/l 24 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna)>100 mg/l 4 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna)>100 mg/l 2 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna)>10000 mg/l 24 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna)>0000 mg/l 48 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna)7.7-11.2 mg/l 48 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna)>10100-11200 mg/l 48 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna)>12300-13400 mg/l 24 h Static Intoxication
ALCOHOL DENAT.	64-17-5	Water flea (Daphnia magna)>100 mg/l 6 h Static Intoxication

Micro-organisms Toxicity: LC50 value

ALCOHOL DENAT.	64-17-5	Tubellarian, flatworm (Dugesia tigrina)>100 mg/l 96 h Static Mortality

13. Disposal Considerations

Waste Codes	D001: Waste Flammable material with a flash pint <140° F (60°C)
Disposal instructions	Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. If discarded, this product is considered a RCRA ignitable waste, D001. Incinerate the material under controlled conditions in a approved incinerator.

14. Transport Information

Department of Transportation (DOT) Requirements

<=1L (33.8 Fl. Oz.)

Basic shipping requirements:

Proper Shipping name	Consumer Commodity
Hazard Class	ORM-D
Subsidiary Hazard Class	None
Additional information:	
Packaging exceptions	156, 306
Packaging non bulk	156, 306
Packaging bulk	None
ERG Number	126

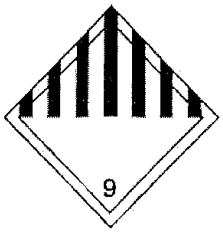
Department of Transportation (DOT) Requirements

Basic shipping requirements:

Proper Shipping name	Aerosols, flammable
Hazard Class	2.1
UN Number	UN1950
Additional information:	
Special provisions	153, N82
Packaging Exceptions	306
Packaging Non bulk	None
Packaging bulk	None
ERG Number	126

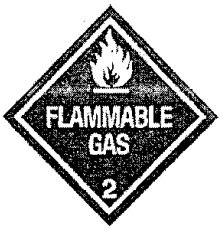
IATA

<=1L (33.8 Fl. Oz.)



Basic shipping requirements:	
Proper Shipping name	Consumer Commodity
Hazard Class	9
Subsidiary Hazard Class	3
UN Number	ID8000
Packaging instructions	910

IATA



Basic shipping requirements:	
Proper Shipping name	Aerosols, flammable
Hazard Class	2.1
Subsidiary Hazard Class	6.1
UN Number	1950
Packaging instructions	Forbidden

IMDG

Basic shipping requirements:	
Proper Shipping name	Aerosols, flammable
Hazard Class	2.1
Subsidiary Hazard Class	3
UN Number	1950
Additional Information	
Item	5F
Labels Required	2.1
Transport Category	2

15. Regulatory Information

US Federal regulations — This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910, 1200

CERCLA/SARA Hazardous Substances – Not applicable

Occupational Safety and Health Administration (OSHA)

29 CFR 1910, 1200 Hazardous Chemical	Yes

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance	No
Section 311 hazardous chemical	Yes
Hazard Categories	Immediate Hazard – Yes Delayed Hazard – Yes Fire Hazard – Yes Pressure Hazard – No Reactivity Hazard - No
HMIS ratings	Health: 1* Flammability: 4 Physical Hazard: 1
NFPA ratings	Health : 1 Flammability: 4 Instability: 1
International Regulations	This product is classified and labeled in accordance with EC directives or respective national laws.

Inventory Status

Country(s) or region	Inventory Name	On inventory (yes/no)
Australia	Australian inventory of Chemical Substance (AICS)	No
Canada	Domestic Substance List (DSL)	No
Canada	Non Domestic Substance List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	No

Europe	European Inventory of Notified Chemical Substances (ELINCS)	No
Japan	Japanese Inventory of Existing and New Chemical Substance (ENCS)	No
Korea	Korean Inventory of Chemicals (KICS)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippines Inventory of Chemicals and Chemical Substances(PICCS)	No
United States & Puerto Rico	Toxic Substance Control Act (TSCA) Inventory	Yes

A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(S)

State Regulations

US – New Jersey Community RTK (EHS Survey): Reportable threshold

Hydrofluorocarbon 152A	75-37-5	500 lbs
Isobutane	75-28-5	500 lbs
Propane	74-98-6	500 lbs

US – Pennsylvania RTK – Hazardous Substances: posted Substance

Alcohol Denatured	64-17-5	Listed
Isobutane	75-28-5	Listed
Propane	74-98-6	Listed

16. Other information

Disclaimer	The information provided in this Safety Data She t is correct to the best of our knowledge, Information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to e considered a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.
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