



Material Safety Data Sheet

Issuing date 12-Dec-2012

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name BEEALERT BOV 12PK- 20 OZ
Product code F02472
Product Type Non-flammable aerosol
Recommended Use Bee Deterrent

Manufactured For:
BEEAWARE, Inc.
3262 Westheimer
Suite 408
Houston, TX 77098

Manufacturer
American Jetway Corporation
34136 Myrtle Street
Wayne, MI 48184-0126

Chemical Emergency Phone Number Chemtrec 1-800-262-8200 ID 1195

2. HAZARDS IDENTIFICATION

CAUTION!

Emergency Overview

Irritating to respiratory system

Irritating to skin

Irritating to eyes

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal

Contents under pressure

Appearance Clear

Physical state Aerosol

Odor Mild

OSHA Regulatory Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Potential Health Effects

Principle Routes of Exposure Eye contact. Skin contact. Inhalation.

Acute toxicity

Eyes

Irritating to eyes.

Skin

Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis. May cause frostbite.

Inhalation

Irritating to respiratory system. Avoid breathing vapors or mists. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

Ingestion

Not an expected route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may defat the skin and produce dermatitis.

Main Symptoms	Prolonged skin contact may defat the skin and produce dermatitis.
Aggravated Medical Conditions	No information available.
Interactions with Other Chemicals	Oxidizing agents
Environmental hazard	See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight %
SODIUM LAURYL SULFATE	151-21-3	1-5

4. FIRST AID MEASURES

General advice	Show this material safety data sheet to the doctor in attendance.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.
Skin contact	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Get medical attention immediately if symptoms occur.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
Ingestion	Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.
Notes to physician	No information available.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable;
Flash point	> 200 °F / > 93.33 °C
Suitable Extinguishing Media	Foam. Dry chemical. Alcohol-resistant foam. Carbon dioxide (CO2).
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Static Discharge	No information available.
Specific hazards arising from the chemical	Containers can build up pressure if exposed to heat (fire). Keep containers and surrounding areas cool with water spray.
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	Health Hazard 1	Flammability 2	Stability 0	Physical and chemical hazards - Personal protection B
HMIS	Health Hazard 1	Flammability 2	Physical Hazard 2	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation. For personal protection see section 8.
Environmental precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

7. HANDLING AND STORAGE

Advice on safe handling	Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Do not breathe vapors or spray mist. Do not ingest. Keep away from heat, sparks and open flame. No smoking. Wash thoroughly after handling.
Technical measures/Storage conditions	Keep out of the reach of children. Incompatible with oxidizing agents.
Aerosol Level	1

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Engineering Measures Ensure adequate ventilation.

Personal Protective Equipment

Eye/Face Protection	Safety glasses with side-shields.
Skin and body protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene measures Do not eat, drink or smoke when using this product. General industrial hygiene practice. Avoid contact with skin, eyes and clothing. Wash hands and face before breaks and immediately after handling the product. Avoid breathing vapors, mist or gas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Aerosol	Appearance	Clear
Odor	Mild	Color	colorless
Property	Values	Remarks • Methods	
pH	11.70	No information available	
Boiling point/boiling range		No information available	
Flash Point	> 93.33 °C / > 200 °F	No information available	
Flammability Limits in Air		No data available	
upper flammability limit			
lower flammability limit			
Vapor pressure		Not Determined	
Vapor density		Heavier than air	
Specific Gravity	1.00	No information available	
Water solubility		No information available	
Viscosity, kinematic		No information available	

Flame Extension w/o Ext tube	0
Flame Extension with Ext tube	NA
Flash back w/o Ext tube	0
Flash back with Ext tube	NA
VOC Content(%)	0.24

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible products	Strong oxidizing agents.
Conditions to Avoid	Strong oxidizing agents. Strong bases.
Hazardous Decomposition Products	Carbon oxides. Fumes. Hydrocarbons.
Hazardous Reactions	No information available.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information	Causes skin, eye and respiratory tract irritation. May be harmful if swallowed.
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Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
SODIUM LAURYL SULFATE	1288 mg/kg (Rat)	580 mg/kg (Rabbit)	3900 mg/m ³ (Rat) 1 h

Chronic toxicity

Chronic toxicity	Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may defat the skin and produce dermatitis.
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Target Organ Effects	None known.
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12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Dispose of in accordance with federal, state, and local regulations.
Contaminated packaging	Do not re-use empty containers.

14. TRANSPORT INFORMATION

<u>DOT Ground</u>	CONSUMER COMMODITY ORM-D or LIMITED QUANTITY
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IATA	UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LTD. QTY
IMDG	UN1950, AEROSOLS, 2.2,LTD. QTY.

15. REGULATORY INFORMATION

International Inventories

TSCA	TSCA
DSL	-
NDSL	Complies
EINECS	-
ELINCS	-
ENCS	-
IECSC	Complies
KECL	-
PICCS	Complies
AICS	-

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
SODIUM LAURYL SULFATE	Present	X	Not listed	205-788-1	Not listed	Present	X	KE-21884	X	X

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

U.S. State Regulations

California Proposition 65

This product does not contain any known Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
NITROGEN GAS	X	X	X		
AMINO-2-METHYL-2-PROP ANOL-1	X	X	X		

International Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Prepared By American Jetway
34136 Myrtle Street
Wayne, MI 48184

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Revision Note No information available.

Disclaimer

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Material Safety Data Sheet