

1. PRODUCT INFORMATION	
1.1	Product Name: Febreze™ Vacuum Bags for Dirt Devil® Type U (Model 29D6)
1.2	Chemical Name: NA
1.3	Synonyms: Febreze™ Vacuum Bags for Dirt Devil® Type U (Model 29D6)
1.4	Trade Name: Febreze™ Vacuum Bags for Dirt Devil® Type U (Model 29D6)
1.5	Product Use Vacuum Bag
1.6	Distributor's Name: BISSELL Homecare, Inc.
1.7	Distributor's Address P.O. Box 1888., Grand Rapids, MI 49501 USA
1.8	Emergency Phone: PROSAR Product Safety +1 (866) 303 – 6951 or CHEMTREC +1 (703) 527 -3887 / +1(800) 424 -9300 CCN 2808
1.9	Business Phone/ Fax: Tel: +1 (616) 453 – 4451 / Fax: +1 (616) 453 - 1383

2. HAZARD INFORMATION	
2.1	Hazard identification: This product is not classified as a HAZARDOUS SUBSTANCE or as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). In the event of exposure or medical injury involving this product, please contact a physician or local poison control center, who may seek advice from the US Manufacturer, and show them this MSDS.
2.2	Routes of Entry: Inhalation: Yes Absorption: No Ingestion: No
2.3	Effects of Exposure: INGESTION: This item is a solid. Ingestion is not a likely route of exposure. EYES: Not expected to cause eye irritation. SKIN: Not expected to cause skin irritation. INHALATION: Exposure may cause respiratory tract irritation in some sensitive individuals.
2.4	Symptoms of Overexposure: INGESTION: This item is a solid. Ingestion is not a likely route of exposure. EYES: Moderate irritation, redness and watering. SKIN: Contact dermatitis (rash), characterized by red, dry, itching skin. INHALATION: Vapors may be irritating to nose, throat and respiratory tract.
2.5	Acute health Effects: INGESTION: This item is a solid. Ingestion is not a likely route of exposure. EYES: May cause irritation, redness and tearing. SKIN: This product can cause mild, transient skin irritation with short-term exposure. Prolonged contact with skin may cause mild to moderate irritation. INHALATION: Exposure may cause respiratory tract irritation in some sensitive individuals.
2.6	Chronic Health Effects: Prolonged or repeated contact may cause contact dermatitis (localized redness or rash).
2.7	Target Organs: NA
2.8	Toxicological Properties: See Section 11.1

NA = Not Available; ND = Not Determined; NE = Not Established; NF = Not Found; C = Ceiling Limit; See Section 16 for Additional Definitions of Terms Used
 Note: all WHIMS required information is included. It is located in appropriate sections based on the ANSI Z400.1-2004 format.

3. COMPOSITION AND INGREDIENT INFORMATION

CHEMICAL NAMES	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m3)								
					ACGIH		NOHSC			OSHA			Other
					ppm		ppm			ppm			
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	TLV	STEL	IDLH	NIOSH
Polypropylene	9003-07-0	TR5000000	NA	≤ 20	NE	NE	NF	NF	NF	NE	NE	NE	
Cellulose	9004-34-6	FJ5691460	232-674-9	≤ 80	NE	NE	1.0	NF	NF	NE	NE	NE	
Natural Rubber	9006-04-6	VL8020000	NA	≤ 3	NA	NA	NF	NF	NF	NA	NA	NA	
Fragrance	NA	NA	NA	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	

4. FIRST AID MEASURES

4.1	First Aid: INGESTION: This item is a solid. Ingestion is not a likely route of exposure. EYES: Flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If irritation persists, seek immediate medical attention.. SKIN: Wash affected areas with soap and water . If irritation persists, seek prompt medical attention. INHALATION: Remove victim to fresh air at once. If breathing is difficult, administer supplemental oxygen and seek immediate medical attention. If breathing stops, perform artificial respiration.
4.2	Medical Conditions Aggravated by Exposure: Persons with pre-existing skin disorders, eye problems, or impaired kidney function may be more susceptible to the effects of the substance.

5. Firefighting Measures

5.1	Flashpoint & Method ND
5.2	Auto ignition Temperature:
5.3	Flammability Limits Lower Explosive Limit (LEL): ND Upper Explosive Limit (LEL): ND
5.4	Fire & Explosion Hazards: None
5.5	Extinguishing Media: Foam, CO2, Water, Fog or Dry Chemical
5.6	Fire Fighting Procedures: Fight fires as for the surrounding materials. Firefighters should wear a MSHA/ NIOSH approved or equivalent self-contained breathing apparatus (SCBA) and protective clothing. Fire Should be fought from a safe distance. Keep containers cool until well after the fire is out. Cool containers with water spray to prevent pressure build-up, auto-ignition or explosion. Prevent runoff from the fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway.

6. ACCIDENTAL RELEASE MEASURES

6.1	Spills: NA
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7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices: Use normal hygiene practices. Avoid contact with eyes. Avoid direct skin contact. Wash hands thoroughly after using this product and before eating, drinking, or smoking. Good personal hygiene practices, such as washing any skin contact areas are recommended.
7.2	Storage & Handling: Keep away from sources of heat.
7.3	Special Precautions: Follow all instructions on product label. Keep container closed when not in use. Keep this and all chemicals out of reach of children.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Ventilation & Engineering Controls: Not required under normal conditions of use.
8.2	Respiratory Protection: Not required under normal conditions use.
8.3	Eye Protection:

	Not required under normal conditions use.		
8.4	Hand Protection: Not required under normal conditions of use.		
8.5	Body Protection: Not required under normal conditions of use. Use appropriate protective equipment (e.g., apron) as necessary to prevent or reduce exposure if frequent or prolonged contact is expected.	HEALTH	0
		FLAMMABILITY	0
		REACTIVITY	0
		SPECIAL EQUIPMENT	
		EYES	SKIN

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Density:	NA
9.2	Boiling Point:	NA
9.3	Melting Point:	NA
9.4	Evaporation Rate:	NA
9.5	Vapor Pressure	ND
9.6	Molecular Weight	NA
9.7	Appearance & Color	Solid Article White
9.8	Odor Threshold:	Clean scent
9.9	Solubility	NA
9.10	pH:	NA
9.11	Viscosity:	NA
9.12	Other information:	NA

10. STABILITY & REACTIVITY

10.1	Stability: Stable under normal conditions of use.
10.2	Hazardous Decomposition Products: None known.
10.3	Hazardous Polymerization: Will not occur.
10.4	Conditions to Avoid: Strong Oxidizers.
10.5	Incompatible Substances: NA

11. TOXICOLOGICAL INFORMATION

11.1	Toxicity Data: Mixture: LD50 (oral, rat) > 5 g/kg, LC50 (inhalation, rat) > 20 mg/L-1 hr.	
11.2	Acute Toxicity: See section 2.5	
11.3	Chronic Toxicity: See section 2.6	
11.4	Suspected Carcinogen: No	
11.5	Reproductive Toxicity: This product is not reported to produce reproductive toxicity in humans.	
	Mutagenicity:	This product is not reported to produce mutagenicity effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxicity effects in humans.
	Teratogenicity:	This product is not reported to produce teratogenicity effects in humans.
	Reproductive Toxicity:	This product is not reported to produce reproductive effects in humans.
11.6	Irritancy of Product: See section 2.3	
11.7	Biological Exposure indices: ND	
11.8	Physical Recommendations: Treat Symptomatically.	

12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:
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	NA
12.2	Effect on Plants & Animals: NA
12.3	Effect on Aquatic Life: NA

13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal: Dispose of in accordance with federal, state & provincial hazardous waste laws.
13.2	Special Considerations: NA

14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG, SCT and ADGR.

14.1	49 CFR (GRND): NOT REGULATED
14.2	IATA (AIR): NOT REGULATED
14.3	IMDG (OCN): NOT REGULATED
14.4	TDGR (Canadian GND): NOT REGULATED
14.5	ADR/RID (EU): NOT REGULATED
14.6	MEXICO (SCT): NOT REGULATED
14.7	ADGR (AUS): NOT REGULATED

15. REGULATION INFORMATION

15.1	US EPA SARA Reporting Requirements: This product does not contain any substances subject to the reporting requirements of Section 313 of SARA Title III or 40 CFR Part 373.
15.2	US EPA SARA Threshold Planning Quantity: NA
15.3	US EPA TSCA Inventory Status: All chemical substances of this product are listed on the TSCA Inventory or are otherwise exempt from inventory status.
15.4	US EPA CERCLA Reportable Quantity (RQ): None
15.5	Other U.S. Federal Requirements: NA
15.6	Other Regulations: This product is classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by CPR. The components of this product are listed on the DSL /NDSL. None of the components in this product are listed on the Priorities Substance List.
15.7	U.S. State Regulatory Information: NA
15.8	67/548/EEC (European Union) and Australia NOHSC: 2003) Requirements: S: 2-9-26 – Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Poisons Schedule Number: None Allocated. HazChem Code: None.

16. OTHER INFORMATION

16.1	Other Information: None
16.2	Terms & Definitions: This material Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of BISSELL's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all components properties must be

considered. Data may be changed from time to time. Be sure to consult the latest edition.

16.3 Prepared by:
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DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on the MSDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
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EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Government Industrial Hygienists
TLV	Threshold Limit Value
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
IDHL	Immediately Dangerous to Life and Health

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation – method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

FLAMMABILITY LIMITS IN AIR:

Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition.
LEL	Lower Explosive Limit – lowest percent of vapor in air, by volume, that will exploded or ignite in the presence of an ignition source
UEL	Upper Explosive Limit – highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

OTHER STANDARD ABBREVIATIONS:

NA	Minimal Hazard
NR	Slight Hazard
NE	Moderate Hazard
NF	Severe Hazard
ND	Extreme Hazard
ML	Maximum Limit
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

HAZARD RATINGS:

0	Not Available
1	No Results
2	Not Established
3	Not Found
4	Not Determined
ACD	Acidic
ALK	Alkaline
COR	Corrosive

W ___	Use No Water
OX	Oxidizer

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal Concentration (solids & liquids) which kills 50% of the exposed animals
ppm	Concentration expressed in parts of material per million parts
TD ₅₀	Lowest Dose to cause a symptom
TCL ₁₀	Lowest Concentration to cause a symptom
TD ₁₀ , LD ₁₀ & LD ₀ or TC, TC ₀ , LC ₁₀ & LC ₀	Lowest Dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median Threshold Limit
log K _{ow} or log K _{oc}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

CPR	Canada's Controlled Product Regulations
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
EU	European Union (European Union Directive 67/548/EEC)
DSL	Canadian Domestic Substance List
MAK	Mandate und die Arbeitsweise der Kommission (Work Area Commission)
NDSL	Canadian Non-Domestic Substances List
NOHSC	
PSL	National Toxicology Program
TC	Registry of Toxic Effects of Chemical Substances
TSCA	Bioconcentration Factor
WHMIS	Median Threshold Limit