

	•		1. PRODUC	T IDEN	IFICATION			
.1	Product Name: BISSELL W	ASH & REF	RESH COTTON F	RESH				
.2	Chemical Name: NA							
.3	Synonyms: BISSELL Wash &	Refresh Cotton I	Fresh (1079E)					
4	Trade Names: BISSELL Wash &	Refresh Cotton I	Fresh					
5	Product Use: Carpet and Fabri	c Cleaner						
6	Distributor's Name: BISSELL Homeca	are, Inc.						
7	Distributor's Address: P.O. Box 1888, G	rand Rapids, MI 4	9501 USA					
.8	Emergency Phone: PROSAR Produc	t Safety +1 (866) 3	303-6951 or CHEMTREC	+1 (703) 527-	3887 / +1 (800) 424-9	300 CCN 28	308	
.9	Business Phone / Fax: Tel: +1 (616) 453-							
.1	Hazard Identification:		2. HAZARI	D IDENT	FICATION			
	NOHSC:1088 (20 physician or loc solution. Eye irri	04) and ADG Coc al poison contro	a HAZARDOUS SUBSTA le (Australia). In the even l center, who may seek act with eyes.	NCE or as I t of an expo advice from	DANGEROUS GOOD sure or medical inqu the U.S. manufactu	iry involvin rer, and sl	g this product, p now them this M	olease conta ISDS. Aque
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		3. CON	IPOSITIO	N & INGR	EDIEN	IT IN	FOR	MAT	ION					
								EXPC	SURE	LIMITS	S IN AI	R (mg/	m³)	
						AC	GIH		NOHSC	;		OSHA		
						pp	om		ppm			ppm		OTHER
CHEN		CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	TLV	STEL	IDLH	Classification
WATE	IICAL NAME(S)	7732-18-5	ZC0110000	231-191-2	⁷ % ≤ 92.0	NE	NE	NF	NF	NF	NE	NE	NE	67/548/EEC
	-N HOLS, C6-C10,	1132-10-5	200110000	231-191-2	3 92.0			INF	INF				INE	
ETHO	POXYLATED	68987-81-5	AL1007597	NA	≤ 3.0	NE	NE	NF	NF	NF	NE	NE	NE	Xi; R41
	TANESULFONICACID, UM SALT	5324-84-5	NA	226-195-4	≤ 3.0	NE	NE	NF	NF	NF	NE	NE	NE	Xi; R41
	UM ACRYLATE DLYMER	NA	NA	NA	≤ 3.0	NA	NA	NF	NF	NF	NA	NA	NA	Xi; R36
ALCO	HOL ETHOXYLATE	NA	NA	NA	≤ 1.0	NA	NA	NF	NF	NF	NA	NA	NA	Xi; R41
FRAG	RANCE	NA	NA	NA	< 0.2	NA	NA	NF	NF	NF	NA	NA	NA	Xi; R41
			4. FI	RST AID N	IEAS	URE	S							
4.1	4.1 First Aid: INGESTION: DO NOT INDUCE VOMITING. Contact PROSAR Product Safety Information Service at +1 (866) 303-6951 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration. 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: Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek prompt medical attention. Do not wear contaminated clothing until after it has been properly cleaned. INHALATION: Remove victim to fresh air at once. If breathing is difficult, administer supplemental oxygen and seek immediate medical attention. 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. FIRE	FIGHTING	G MEA	SUR	RES							
5.1	Flashpoint & Method: ND													
5.2	Autoignition Temperature:													
5.3	Flammability Limits:		Lower Explosive	Limit (LEL): NC)			Upper E:	cplosive L	imit (UEL)): N	D		
5.4														
5.5														
5.6	Firefighting Procedures: Fight fires as for surrour contained breathing appa containers cool until well ignition or explosion. Pro supply, or any natural wat	ratus (SCBA) after the fire is event runoff f	and protective s out. Cool co	clothing. Fire ntainers with v	should water spi	be foug ay to p	ght fro prevent	m a sa press	ife dist ure bu	ance. ild-up,	Keep auto-			0



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6. ACCIDENTAL RELEASE MEASURES 6.1 Spills Small Spills: Absorb and wipe up or rinse away with water. Large Spills: Contain spilled product with sand or other absorbent material. Place in an appropriate container for disposal. Wash spilled area with water. Spilled product may produce a slip hazard. Before cleaning any spill, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment including gloves, glasses and NIOSH approved (or equivalent) dust respirator. Wash all affected areas. Remove any contaminated clothing and wash thoroughly before eating. 7. HANDLING & STORAGE INFORMATION 7.1 Work & Hygiene Practices: Use normal hygiene practices. 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 and removing contaminated clothing, are recommended. Storage & Handling: 7.2 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. Use with adequate ventilation (e.g., open doors and windows, local exhaust ventilation). 8.2 **Respiratory Protection** Not required under normal conditions of use. 8.3 Eve Protection Not required under conditions of use; however, protective eyewear that conforms to ANSI Z87.1 (or other applicable and appropriate standards) should be used when handling any chemical product and is recommended. 8.4 Hand Protection: Not required under normal conditions of use. Use gloves constructed of chemical resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. 8.5 Body Protection: HEALTH 1 Not required under normal conditions of use. Use appropriate protective equipment FLAMMABILITY 0 (e.g., apron) as necessary to prevent or reduce exposure if frequent or prolonged contact is expected. **PHYSICAL HAZARDS** 0 SPECIAL EQUIPMENT Α **EYES** 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Density: 1.028 - 1.038 @ 25°C (77°F) Boiling Point: 100°C (212°F) @ 760 mm Hg 9.2 9.3 Melting Point: NA 9.4 Evaporation Rate: NA Vapor Pressure: 9.5 ND 9.6 Molecular Weight: NA 9.7 Appearance & Color: Clear to light straw colored liquid 9.8 Odor Threshold: Fresh citrus scent Solubility: 99 Complete 9.10 pН 9.4 ± 0.4 @ 25°C (77°F) 9.11 Viscosity: NA 9.12 Other Information: VOC Content: 0.0%



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		10. STABILITY 8					
0.1	Stability:	IV. STADILITTO					
	Stable under normal conditions	s of use.					
0.2	Hazardous Decomposition Products: None known.						
0.3	Hazardous Polymerization:						
	Will not occur.						
10.4	Conditions to Avoid:						
10.5	Strong oxidizers. Incompatible Substances:						
	Strong oxidizing agents, strong	acids and bases.					
		11. TOXICOLOGICA	L INFORMATION				
11.1	Toxicity Data:						
	<u>Mixture</u> : LD ₅₀ (oral, rat) > 5 g/kg Federal Hazardous Substances	g, LC ₅₀ (inhalation, rat) > 20 mg/L-1 Act (FHSA) regulations	hr. This product is an eye	irritant but not a primary skin irritant p			
11.2	Acute Toxicity:						
	See section 2.5						
11.3	Chronic Toxicity:						
11.4	See section 2.6 Suspected Carcinogen:						
	No.						
1.5	Reproductive Toxicity: This product is not reported to	produce reproductive toxicity in hu	mans.				
	Mutagenicity:	This product is not reported to pro	oduce mutagenic effects in	humans.			
	Embryotoxicity:	This product is not reported to pro-	oduce embryotoxic effects i	n humans.			
	Teratogenicity:	This product is not reported to pro-	-				
	Reproductive Toxicity:	This product is not reported to pro	oduce reproductive effects	in humans.			
11.6	Irritancy of Product: See section 2.3						
11.7	Biological Exposure Indices:						
11.8	Physician Recommendations: Treat symptomatically.						
		12. ECOLOGICAL	INFORMATION				
12.1	Environmental Stability: NA						
12.2	Effect on Plants & Animals: NA						
12.3	Effect on Aquatic Life: Product is expected to rapidly of	lisperse in the aquatic environment					
		13. DISPOSAL CO	NSIDERATIONS				
13.1	Waste Disposal: Dispose of in accordance with f	ederal, state & provincial hazardous	s waste laws.				



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	14. TRANSPORTATION INFORMATION	
	asic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information (CAO, IMDG, TDGR, SCT and ADGR.	may be required by 49 CFR,
14.1	49 CFR (GND): NOT REGULATED	
14.2	IATA (AIR): NOT REGULATED	
14.3	IMDG (OCN): NOT REGULATED	
14.4	TDGR (Canadian GND):	
14.5	ADR/RID (EU):	
14.6	NOT REGULATED MEXICO (SCT):	
14.7	NOT REGULATED ADGR (AUS):	
	NOT REGULATED	
	15. REGULATORY INFORMATION	
15.1	U.S. EPA SARA Reporting Requirements:	
	This product does not contain any substances subject to the reporting requirements of Section 313 of SARA Title III of	or 40 CFR Part 373.
15.2	U.S. EPA SARA Threshold Planning Quantity: NA	
15.3	U.S. EPA TSCA Inventory Status: All chemical substances of this product are listed on the TSCA inventory or are otherwise exempt from inventory stat	us.
15.4	U.S. EPA CERCLA Reportable Quantity (RQ):	
45.5	NA Other U.S. Federal Requirements:	
15.5	This material does not contain any hazardous air pollutants. None of the components in this product are listed as under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.	s priority pollutants
15.6	Other Regulations Class D2B (other toxic effects - for surfactants). This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components in this product are listed on the Priorities Substances List.	(Ţ)
15.7	U.S. State Regulatory Information: None of the components in this product are found on any state criteria lists. None of the components in this produ California Prop 65 lists.	uct are listed on the
15.8	67/548/EEC (European Union) and Australia NOHSC:2011 (2003) Requirements: None of the components in this product are listed in Annex I of EU Directive 67/548/EEC. Irritant (Xi):	
	Irritant (X): <u>Risk Phrases</u> (R): 36 – Irritating to eyes. <u>Safety Phrases</u> (S): 2-9-25-26 - Keep out of reach of children. Keep container in well-ventilated place. Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. <u>HazChem Code</u> : None. Poisons Schedule Number: None Allocated.	×



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	16. OTHER INFORMATION						
16.1	Other Information: CAUTION – Avoid contact with eyes - contact with eyes may cause irritation. May be slippery if spilled.						
16.2	Terms & Definitions:						
	Please see last page of this MSDS.						
16.3							
16.4	Prepared for: BISSELL Homecare, Inc. 2345 Walker Ave NW P.O. Box 1888 Grand Rapids, MI 49544 USA Tel: +1 (616) 453-4451 Fax: +1 (616) 453-1383 http://www.bissell.com/	BISSEII					
16.5	Prepared by: ShipMate, Inc. Post Office Box 787 Sisters, OR 97759 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com/	ShipMate Dangerous Goods Training & Consulting					



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DEFINITION OF TERMS

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

HEALTH FLAMMABILITY

PERSONAL PROTECTION

GENERAL INFORMATION:

CAS No. Chemical Abstract Service Number

EXPOSURE LIMITS IN AIR:

ACGIH	ACGIH American Conference on Governmental Industrial Hygienists		
TLV	Threshold Limit Value		
OSHA	U.S. Occupational Safety and Health Administration		
PEL	Permissible Exposure Limit		
IDLH	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

PERSONAL PROTECTION RATINGS:

A	Ś			G	Ś		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
в	Ś	 Image: A start of the start of		н	Ş	 Image: A start of the start of	~	*
с	Ś	 International 	~	I	Ś	 International 	1	
D		and the second s	~	J	Ş	and the second s		¥
Е	Ś	Solution		к	Ŷ	Solution	X	L
F	Ś	 Image: A start of the start of	~ #	x	Consult for spe	your su cial han	pervisor o dling dire	or S.O.P. ections.



protective equipment is required for high concentrations or for large volume spills or releases of product.

FLAMMABILITY LIMITS IN AIR:

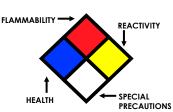
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of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

OTHER STANDARD ABBREVIATIONS:

NA	Not Available
NR	No Results
NE	Not Established
NF	Not Found
ND	Not Determined
ML	Maximum Limit
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
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 s					
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal					
ppm	Concentration expressed in parts of material per million parts					
TD _{io}	Lowest dose to cause a symptom					
TCLo	Lowest concentration to cause a symptom					
TD _{io} , LD _{io} , & LD _o or TC, TC _o , LC _{io} , & LC _o	Lowest dose (or concentration) to cause lethal or toxic effects					
IARC	International Agency for Research on Cancer					
NTP	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	Mandat und die Arbeitsweise der Kommission (Work Area Commission)
NDSL	Canadian Non-Domestic Substance List
NOHSC	National Occupational Health & Safety Code (Australia)
PSL	Canadian Priority Substances List
TC	Transport Canada
TSCA	U.S. Toxic Substance Control Act
WHMIS	Canadian Workplace Hazardous Material Information System

EC INFORMATION:

V		\$	*		N	×	×
С	Е	F	Ν	0	T+	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

WHMIS INFORMATION:

\oslash	۲	۲		(Ţ)	۲		
Α	В	С	D1	D2	D3	Е	F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive