

Zep Inc. 1310 Seaboard Industrial Blvd. Atlanta, GA 30318 1-877-I-BUY-ZEP (428-9937)

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification					
Product nan	ne	ZEP DAZZ	ZLE		
Product use	1	Aerosol Clea	ner Protectant		
Product cod	е	0220			
Date of issu	е	06/24/05	Supersedes 04/26/05		
Emergency Telephone Numbers	For MSDS Information: Compliance Services 1-877-I-BUY-ZEP (428-9937)				
	For Medical Emergency INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded				
	For Transportation Emergency				

CHEMTREC: (800) 424-9300 - All Calls Recorded In the District of Columbia (202) 483-7616

Prepared 1	By
------------	----

Printing date: 06/23/08

Compliance Services 1420 Seaboard Industrial Blvd. Atlanta, GA 30318

Name of hazardous ingredients	CAS #	% by Weight	Exposure Limits
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	10 - 20	ACGIH TLV / OSHA PEL (United States) TWA: 1000 ppm 8 hour(s).
ETHYLENE GLYCOL MONOBUTYL ETHER; 2-butoxyethanol; butyl cellosolve	111-76-2	1 - 5	ACGIH TLV (United States). TWA: 20 ppm 8 hour(s). OSHA PEL (United States). Skin TWA: 50 ppm 8 hour(s).
HYDROCARBON PROPELLANT; blend of propane, isobutane & n- butane	75-28-5; 74-98- 6; 106-97-8	5 - 15	ACGIH TLV / OSHA PEL (United States) Notes: Propane TWA: 1000 ppm 8 hour(s). OSHA PEL / ACGIH TLV (United States) Notes: n-Butane TWA: 800 ppm 8 hour(s).

Section 3. Hazards Identification

Section 3. I	lazards Identification	HMIS		
Acute Effec	Routes of Entry Dermal contact. Eye contact. Inhalation.	Health	1	
Skin	Hazardous by the following route of exposure: of skin contact (irritant, permeator). Harmful if absorbed through the skin. Direct contact may cause irritation and redness.	Fire Hazard Reactivity	1 0	
Eyes	Hazardous by the following route of exposure: of eye contact (irritant). Inflammation of the eye is characterized by redness, watering and itching.	lous by the following route of exposure: of eye contact (irritant). Inflammation of the Personal Protection B		
Inhalation	n Hazardous by the following route of exposure: of inhalation. Avoid breathing vapors, spray or mists. Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system (CNS) depression.			
Ingestion	gestion May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.			
	data pertains to the product as delivered in the original shipping container(s). Risk of adverse healt prescribed safety precautions, including use of proper personal protective equipment.	h effects are lessened	by	
Carcinoger	nic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.			
Chronic Effects The substance may be toxic to blood, kidneys, liver, upper respiratory tract, skin, eyes, central ner system (CNS). Overexposure of this product by inhalation or absorption can produce central ner system depression resulting in headache, nausea and/or dizziness. Repeated or prolonged exposu the substance can produce target organs damage.		produce central nervo	ous	
	See Toxicological Information (section 11)			
Section 4. F	irst Aid Measures			
Eye Contac	e Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.			
Skin Conta	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.		es.	
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give			

oxygen. Get medical attention. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an Ingestion unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures Flammabile Flammabile Flash Point Not applicable. (Container explosion may occur under fire conditions or when heated. Fire-fighting procedures Cool cloacd containers exposed to fire with water. Section 6. Accidental Release Measures Split Clean up Large splits are unlikely due to packaging. Section 7. Accidental Release Measures Split Clean up Large splits are unlikely due to packaging. Section 7. Accidental Release Measures Split Clean up Large splits are unlikely due to packaging. Section 7. Accidental Release Measures Split Clean up Large splits are unlikely due to packaging. Section 8. Accommended: Stubber Split Clean up Large splits are unlikely due to packaging. Protective Clothing (Pictograms) Storage CONTENTS UNDER PRESSURE Do not puncture or incinerate container. is neage out of the reach of children. Protective Clothing (Pictograms) Section 8. Exposure Controls, Personal Protection Protective Clothing (Pictograms) Eyes Body Recommended: Rubher gloves. Norprene gloves. Nitrile gloves. Respiratory Use with adequate ventiliation are specie occupational exposure limits. Wear appropriate respirator when ventiliation is inadequate. Body Recommended: Rubher gloves. Norprene gloves. Nitrile gloves. Color Clear Colories.	Product code 0220	Material Safety Data Shee	et Product Name ZEP DAZZLE	
Fire hazard CONTENTS UNDER PRESSURE: Container explosion may occur under fire conditions or when head. Fire-fighting procedures Cool closed containers exposed to fire with water. Section 6. Accidental Release Measures Split Clean up Split Clean up Large splits are unlikely due to packaging. Section 7. Handling and Storage Handling. Avoid content with eyes, skin and clothing. Do not ingest. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Observe lakel precautions. Wash throughly after handling. Storage CONTENTS UNDER PRESSURE. Do not pupcuter or incinerate container. Keep out of the reach of children. Section 8. Exposure Controls, Personal Protection Personal Protection Personal Protection Personal Protection Section 9. Exposure Controls, Personal Protection Personal Protection Very Bases Body Recommended. Rubber gloves. Nitrile gloves. Near appropriate respirator when ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is madequate. Section 9. Prospical and Chemical Properties Color Clear. Colorless. Physical State Liquid. (Acrosol.) Color Clear. Colorless. Out available. Out Pressure Not determined. Solubitity Solubitity with the fol	Flash Point	Not applicable. Flammable	Limits Not applicable.	
Section 6. Accidental Release Measures Split Clear up Large splits are unitacly due to packaging. Section 7. Handling and Storage Handling Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapors, spray or mists. Use only with adequate ventifiation. Observe habel precautions. Wash throonghyth after handling. CONTINTS UNDER PRISSURI; Do not puncture or incinerate container: Keep container in a cool, well- ventifiated area. Store below 120°F (49°C). Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Section 8. Exposure Controls, Personal Protection Personal Protection Personal Protection Protective Clothing (Pictograms) Eyes Safety glasses. Body Recommended: Rubber gloves. Neoprene gloves. Nitrile gloves. Respiratory Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate. Solubility Solubile in the following materials: cold water, hor Specific Gravity 0.85 (Water = 1) Solubility Stability and Reactivity Stability and Reactivity The product is stable. Incompatibility Reactive with oxidizing agents. Hazardous Polymerization Water	•	CONTENTS UNDER PRESSURE. Container expl	osion may occur under fire conditions or	
Spill Clean up Large spills are unlikely due to packaging. Section 7. Handling and Storage Handling Novid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Observe label precautions. Wash thoroughly after handling. Storage CONTENTS UNDER PRESSURE. Do not puncture or ninciract continuer: K ocep container in a cool, well- ventilated area. Store below 120°F (49°C). Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Section 8. Exposure Controls, Personal Protection Personal Protection Protective Clothing (Pictograms) Eyes Safety glasses. Image: Controls is inadequate. Section 9. Exposure Controls, Properties Protective Color Clear. Colordess. Physical State Liquid (Acrosol). Color Clear. Colordess. pH Not available. Vapor Density Not determined. Solubility Solubility Solubility Solubility Solubility Solubility Solubility Not available. Nota available. Vapor Density Not determined. Solubility Solubility Reactive with oxid/sing agents. Hazardous Decomposition Product is stable. Incompatibility and Reactivity Stability and Reactivity The product is stable. Incompatibility	Fire-fighting proce	dures Cool closed containers exposed	l to fire with water.	
Handling Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Observe hale precatations. Wash thoroughly after handling. Storage CONTENTS UNDER PRESSURE. Do not puncture or incinerate container. Keep container in a cool, well- ventilated area. Store below 120°F (49°C). Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Section 8. Exposure Controls, Personal Protection Protective Clothing (Pictograms) Eyes Safety glasses. Body Recommended: Rubber gloves. Neoprene gloves. Nitrile gloves. Respiratory Use with adequate ventilation Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is in adequate. Section 9. Physical and Chemical Properties Physical State Liquid. (Acrosol.) Color Clear. Coloriess. pH Not available. Odor Pleasant. Fresh Boiling Point >87.77°C (190°F) Solubility Soluble in the following materials: cold water, hor water. Section 10. Stability and Reactivity Stability and Reactivity Reactive with oxidizing agents. Hazardous Decomposition Products is stable. Incompatibility Reactivity Min and cecur: Hazardous Decomposition Products is atable. DEXAML (LDS0): Acute: 7060 mg/kg [Rai] DERMAL (LDS0): Acute: 7060 mg/kg [Rai] DERMAL (LDS0): Acute: 7060 mg/kg [Rai] DERMAL (LDS0): Acute: 450 pm 4 hour(s) [Rat (Fenale)]. Section 13. Disposal Considerations VAPOR (LOS0): Acute: 450 pm 4 hour(s) [Rat (Reinale)]. Section 14. Transport Information Products carbon oxides (CO, CO) Section 15. Disposal Considerations Mass must be disposed of in accordance with fielderal, Waste Stream Non-hazardous waste Information State and Decal environmental control regulations. Consult yan be disposed of in accordance with fielderal, Waste Stream Non-hazardous waste Information State and Decal environmental control regulations. Consult your local environmental con				
Personal Protection Protective Clothing (Pictograms) Eyes Safety glasses. Image: Clothing (Pictograms) Body Recommended: Rubber gloves. Neoprene gloves. Nitrile gloves. Image: Clothing (Pictograms) Respiratory Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate. Section 9. Physical and Chemical Properties Odor Pleasant. Fresh Physical State Liquid. (Acrosol.) Odor Pleasant. Fresh Boiling Point > 87.77°C (190°P) Vapor Dressure Not determined. Specific Gravity 0.85 (Water = 1) Vapor Density Not determined. Solubility Solubility and Reactivity Reactive with oxidizing agents. Evaporation Rate 1 compared with Water VOC (Consumer) 237.67 (grl). 1.98 lbs/gal 24.80% Section 10. Stability and Reactivity Reactive with oxidizing agents. Hazardous Polymerization Will not occur. Hazardous Delomperization Will not occur. Hazardous Decomposition Products earbon oxides (CO, CO.) Section 11. Toxicological Information Toxicity to Animals Ethanol* (125,45,50,70 ORAL (LD50): Acute: 7060 mg/kg [Rat]. DFRMAL (LD50	Handling Avoid adequ Storage CON ventil	d contact with eyes, skin and clothing. Do not ingest, hate ventilation. Observe label precautions. Wash the TENTS UNDER PRESSURE. Do not puncture or independent ated area. Store below 120°F (49°C). Keep away from	oroughly after handling. cinerate container. Keep container in a cool, well-	
Body Recommended: Rubber gloves. Neoprene gloves. Nitrile gloves. Respiratory Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate. Section 9. Physical and Chemical Properties Color Clear. Colorless. pH Not available. Odor Pleasant. Fresh Boiling Point > 87.77°C (190°F) Vapor Pressure Not determined. Specific Gravity 0.85 (Water = 1) Vapor Density Not determined. Solubility Solubility and Reactivity Solubility and Reactivity Evaporation Rate 1 compared with Water VOC (Consumer) 237.67 (g/l). Section 10. Stability and Reactivity The product is stable. Evaporation Rate 1 compared with Water VOC (Consumer) 237.67 (g/l). Incompatibility Reactivity The product is stable. Incompatibility Incompatibility Reactivity The product is stable. Incompatibility Incompatibility Reactive with oxidizing agents. Hazardous Decomposition Products carbon oxides (CO, CO:) Section 11. Toxicological Information Costic (CLDS0): Acute: 7060 mg/kg [Rat]. Ethylene Glycol Monobuly Ether-(125,45,50,70 ORAL (LDS0): Acute: 450 pg/kg [Rat]. Decompatibility <td>-</td> <td>Personal Protection</td> <td>Protective Clothing (Pictograms)</td>	-	Personal Protection	Protective Clothing (Pictograms)	
Respiratory Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate. Section 9. Physical and Chemical Properties Color Clear. Colorless. Physical State Liquid. (Acrosol.) Color Clear. Colorless. pH Not available. Odor Pleasant. Fresh Boiling Point >87.77°C (190°F) Vapor Pressure Not determined. Specific Gravity 0.85 (Water = 1) Vapor Density Not determined. Solubility Soluble in the following materials: cold water, hot evaporation Rate 1 compared with Water water. Section 10. Stability and Reactivity The product is stable. Incompatibility Reactive with oxidizing agents. Hazardous Polymerization Will not occur. Hazardous Decomposition Products carbon oxides (CO, CO;) Section 11. Toxicological Information ORAL (LDS0): Acute: 7060 mg/kg [Rat]. Chylene Glycol Monoburly Ether: "[25,45,5,70 ORAL (LDS0): Acute: 1746 mg/kg [Rat]. DerMAL (LDS0): Acute: 1746 mg/kg [Rat]. DERMAL (LDS0): Acute: 1746 mg/kg [Rat]. DerMAL (LDS0): Acute: 1680 mg/kg [Ratbil]. VAPOR (LCS0): Acute: 450 mg/kg [Ratbil]. VAPOR (LCS0): Acute: 450 mg/kg [Ratbil].		-		
Physical State Liquid. (Aerosol.) Color Clear. Colorless. Odor Pleasant. Fresh Boiling Point >87.77°C (190°F) Vapor Pressure Not determined. Specific Gravity 0.88 (Water = 1) Vapor Density Not determined. Solubility Soluble in the following materials: cold water, hot water. Evaporation Rate 1 compared with Water VOC (Consumer) 237.67 (g/l). 1.98 lbs/gal 24.80% Section 10. Stability and Reactivity The product is stable. Incompatibility Reactive with oxidizing agents. Hazardous Polymerization Will not occur. Hazardous Decomposition Products carbon oxides (CO, CO ₂) Section 11. Toxicological Information ORAL (LD50): Acute: 7060 mg/kg [Rat]. DERMAL (LD50): Acute: 7060 mg/kg [Rat]. DERMAL (LD50): Acute: 7060 mg/kg [Rat]. DERMAL (LD50): Acute: 450 pgm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Not available. Biodegradable/OECD Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Must be disposed of in accordance with federal, Maste Mate and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Port classification ORML D UN number Not available. Section 14. Transport Information Proper shipping name	Respiratory Use wit	th adequate ventilation. Provide exhaust ventilation o trations of vapors below their respective occupationa	or other engineering controls to keep the airborne	
pH Not available. Odor Pleasant. Fresh Boiling Point >87.77°C (190°F) Vapor Pressure Not determined. Specific Gravity 0.85 (Water = 1) Vapor Density Not determined. Solubility Soluble in the following materials: cold water, hot water. Evaporation Rate 1 compared with Water VOC (Consumer) 237.67 (g/l). Section 10. Stability and Reactivity The product is stable. Evaporation Rate 1 Incompatibility Reactive with oxidizing agents. Hazardous Decomposition Products carbon oxides (CO, CO ₂) Section 11. Toxicological Information ORAL (LD50): Acute: 7060 mg/kg [Rat]. Ethylene Glycol Monobuty Ether: (125,45,50,70 ORAL (LD50): Acute: 1746 mg/kg [Rat]. DERMAL (LD50): Acute: 1746 mg/kg [Rat]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Not available. Section 13. Disposal Considerations Biodegradable/OECD Not available. Section 14. Transport Information Section 14. Transport Information Proper shipping name Consumer onsumer commodity DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.	-		Onlow Cherry Coloring	
Boiling Point >87.77°C (190°F) Vapor Pressure Not determined. Specific Gravity 0.85 (Water = 1) Vapor Density Not determined. Solubility Soluble in the following materials: cold water, hot water. Evaporation Rate 1 compared with Water VOC (Consumer) 237.67 (g/l). 1.98 lbs/gal 24.80% Section 10. Stability and Reactivity The product is stable. Evaporation Rate 1 compared with Water VOC (Consumer) 237.67 (g/l). 1.98 lbs/gal 24.80% Section 10. Stability and Reactivity Reactive with oxidizing agents. Hazardous Polymerization Microardous Decomposition Products carbon oxides (CO, CO ₂) Section 11. Toxicological Information Toxicity to Animals Ethanol: [25,45,50,70 ORAL (LD50): Acute: 7060 mg/kg [Rat]. Ethylene Glycol Monobutyl Ether: [25,45,070 Section 11. Toxicological Information Ethylene Glycol Monobutyl Ether: [25,45,070 ORAL (LD50): Acute: 450 ppm 4 hour(s) [Rat [Female)]. Section 12. Ecological Information Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Waste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Dronsure Consumer commodity <td>· · · · · · · · · · · · · · · · · · ·</td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
Specific Gravity 0.85 (Water = 1) Vapor Density Not determined. Solubility Soluble in the following materials: cold water, hot water. Evaporation Rate 1 compared with Water VOC (Consumer) 237.67 (g/l). 1.98 lbs/gal 24.80% Section 10. Stability and Reactivity The product is stable. Evaporation Rate 1 compared with Water VOC (Consumer) 237.67 (g/l). 1.98 lbs/gal 24.80% Section 10. Stability and Reactivity The product is stable. Incompatibility Incompatibility Reactive with oxidizing agents. Hazardous Decomposition Products carbon oxides (CO, CO ₂) Section 11. Toxicological Information ORAL (LD50): Acute: 7060 mg/kg [Rat]. Ethylene Glycol Monobutyl Ether: ^[25,45,50,70 ORAL (LD50): Acute: 1746 mg/kg [Rat]. DERMAL (LD50): Acute: 680 mg/kg [Rat]. DERMAL (LD50): Acute: 450 ppm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Kaste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Con	P. C.			
Solubility Soluble in the following materials: cold water, hot water. Evaporation Rate 1 compared with Water VOC (Consumer) 237.67 (g/l). 1.98 lbs/gal 24.80% Section 10. Stability and Reactivity The product is stable. Consumer) Solubility Reactive with oxidizing agents. Hazardous Polymerization Will not occur. Hazardous Decomposition Products carbon oxides (CO, CO ₂) Section 11. Toxicological Information Sociulty to Animals Ethanol: [25,45,50,70 ORAL (LD50): Acute: 7060 mg/kg [Rat]. Ethylene Glycol Monobutyl Ether: [25,45,50,70 ORAL (LD50): Acute: 1746 mg/kg [Rat]. Section 12. Ecological Information Ecotoxicity Not available. Section 13. Disposal Considerations Waste and local environmental control regulations. Waste Stream Non-hazardous waste state and local environmental control regulations. Section 13. Disposal Considerations Proper shipping name Consumer commodity UN number Not available. Section 14. Transport Information Proper shipping name Consumer commodity UN number Not available. Section 14. Disposal Considerations Waste Stream Non-hazardous waste state and local environmental control regulations. UN number Not available.	-			
Stability and Reactivity The product is stable. Incompatibility Reactive with oxidizing agents. Hazardous Polymerization Will not occur. Hazardous Decomposition Products carbon oxides (CO, CO ₂) Section 11. Toxicological Information Toxicity to Animals Toxicity to Animals Ethanol: (125,45,50,70 ORAL (LD50): Acute: 7060 mg/kg [Rat]. Ethylene Glycol Monobutyl Ether: (125,45,50,70 ORAL (LD50): Acute: 1746 mg/kg [Rat]. DERMAL (LD50): Acute: 680 mg/kg [Rat]. DERMAL (LD50): Acute: 450 ppm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Waste Waste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Vonsult your local or regional authorities. Section 14. Transport Information UN number Not available. Proper shipping name Consumer commodity DOT classification ORM-D <td>Solubility So</td> <td>oluble in the following materials: cold water, hot</td> <td>Evaporation Rate 1 compared with Water</td>	Solubility So	oluble in the following materials: cold water, hot	Evaporation Rate 1 compared with Water	
Incompatibility Reactive with oxidizing agents. Hazardous Polymerization Will not occur. Hazardous Decomposition Products carbon oxides (CO, CO2) Section 11. Toxicological Information Toxicity to Animals Toxicity to Animals Ethanol:^[25,45,50,70 ORAL (LD50): Acute: 7060 mg/kg [Rat]. Ethylene Glycol Monobutyl Ether:^[25,45,50,70 ORAL (LD50): Acute: 1746 mg/kg [Rat]. DERMAL (LD50): Acute: 680 mg/kg [Rat]. DERMAL (LD50): Acute: 450 ppm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification ORM-D UN number Not available. NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the list of Lading with your shipment.				
Hazardous Polymerization Will not occur. Hazardous Decomposition Products carbon oxides (CO, CO2) Section 11. Toxicological Information Toxicity to Animals Toxicity to Animals Ethanol:^[25,45,50,70 ORAL (LD50): Acute: 7060 mg/kg [Rat]. Ethylene Glycol Monobutyl Ether:^[25,45,50,70 ORAL (LD50): Acute: 1746 mg/kg [Rat]. DERMAL (LD50): Acute: 450 ppm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Waste Waste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information State and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Proper shipping name Consumer commodity DOT Classification ORM-D WOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.	-	•		
Hazardous Decomposition Products carbon oxides (CO, CO ₂) Section 11. Toxicological Information Toxicity to Animals Toxicity to Animals Ethanol:^[25,45,50,70 ORAL (LD50): Acute: 7060 mg/kg [Rat]. Ethylene Glycol Monobutyl Ether:^[25,45,50,70 ORAL (LD50): Acute: 1746 mg/kg [Rat]. DERMAL (LD50): Acute: 680 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information Section 14. Transport Information Econsult your local or regional authorities. Section 14. Transport Information Proper shipping name Proper shipping name Consumer commodity DOT Classification ORM-D UN number NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.				
Section 11. Toxicological Information Toxicity to Animals Ethanol:^[25,45,50,70 ORAL (LD50): Acute: 7060 mg/kg [Rat]. Ethylene Glycol Monobutyl Ether:^[25,45,50,70 ORAL (LD50): Acute: 1746 mg/kg [Rat]. DERMAL (LD50): Acute: 680 mg/kg [Rabbit]. VAPOR (LC50): Acute: 480 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Waste Waste must be disposed of in accordance with federal, Information Waste Stream Non-hazardous waste Information Section 14. Transport Information Proper shipping name Proper shipping name Consumer commodity DOT Classification ORM-D UN number NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.	-			
ORAL (LD50): Acute: 7060 mg/kg [Rat]. Ethylene Glycol Monobutyl Ether:^[25,45,50,70 ORAL (LD50): Acute: 1746 mg/kg [Rat]. DERMAL (LD50): Acute: 680 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Waste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bil of Lading with your shipment.				
Ethylene Glycol Monobutyl Ether: [25,45,50,70 ORAL (LD50): Acute: 1746 mg/kg [Rat]. DERMAL (LD50): Acute: 680 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Waste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification ORM-D UN number Not available. NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.	Toxicity to Animals			
ORAL (LD50): Acute: 1746 mg/kg [Rat]. DERMAL (LD50): Acute: 680 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Biodegradable/OECD Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Waste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification ORM-D NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.				
VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat (Female)]. Section 12. Ecological Information Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Waste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification ORM-D UN number NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.				
Section 12. Ecological Information Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Waste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification ORM-D NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.		DERMAL (LD50): Acute: 680 mg/kg	[Rabbit].	
Ecotoxicity Not available. Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Waste must be disposed of in accordance with federal, Waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification ORM-D UN number Not available. NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.			pur(s) [Rat (Female)].	
Biodegradable/OECD Not available. Section 13. Disposal Considerations Waste Waste must be disposed of in accordance with federal, waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification ORM-D UN number Not available. NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. UN number Not size exceptions, refer to the Bill of Lading with your shipment.	-			
Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations. Waste Stream Non-hazardous waste Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification ORM-D UN number NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.				
Information state and local environmental control regulations. Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification ORM-D UN number NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.	Section 13. Dispos	al Considerations		
Consult your local or regional authorities. Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification ORM-D UN number NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.			Waste Stream Non-hazardous waste	
Section 14. Transport Information Proper shipping name Consumer commodity DOT Classification ORM-D NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.		-		
Proper shipping name Consumer commodity DOT Classification ORM-D UN number Not available. NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.	•			
DOT Classification ORM-D UN number Not available. NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Sector	-			
NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.		•	UN number Not available	
TDG Classification Consumer commodity ORM-D	NOTE: DOT classificati	ion applies to most package sizes. For specific containe		
	TDG Classification	Consumer commodity ORM-D		

Product code 0220	Material Safety Data Sheet	Product Name ZEP DAZZLE	
Section 15. Regulatory Info	rmation		
U.S. Federal Regulations	SARA 313 toxic chemical notification and release reporting: Ethylene Glycol Monobutyl Ether		
	Clean Water Act (CWA) 311: No products were found.		
	Clean Air Act (CAA) 112 regulated toxic substances: Ethylene Glycol Monobutyl Ether		
	All Components of this product are listed or exempt from listing on TSCA inventory.		
State Regulations	California Prop. 65: No products were found.		
WHMIS (Canada)	Class D-2B: Material causing other toxic effects (Toxic).		

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.