

## Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations and according to the Hazardous Products Regulation (February 11, 2015).

Revision Date: 4/18/2025 Date of Issue: 10/6/2022 Supersedes Date: 9/27/2023 Version: 1.6

### **SECTION 1: IDENTIFICATION**

Product Identifier

**Product Form:** Mixture

Product Name: Batiste™ Dry Shampoo (Select Variants) (NA GHS 2015)

Product Code: 42015044, 42015045, 42015046, 42015047, 42015050, 42015053, 42015054, 42015055, 42015056, 42015058,

42016419, 42017232, 42017264, 42018226

Synonyms: Batiste™ Dry Shampoo Original, Batiste™ Dry Shampoo Tropical, Batiste™ Dry Shampoo Blush, Batiste™ Dry Shampoo Bare, Batiste™ Dry Shampoo Fresh, Batiste™ Dry Shampoo Rose Gold, Batiste™ Dry Shampoo Sugar Plum, Batiste™ Dry Shampoo Pink Pineapple, Batiste™ Dry Shampoo Luxe, Batiste™ Dry Shampoo Wildflower, Batiste™ Dry Shampoo Love is Love, Batiste™ Dry Shampoo Lakeside Retreat, Batiste™ Dry Shampoo Light Mellow Melon, Batiste™ Velvet Mocha, Batiste™ Limited Edition Dry

Shampoo Courtside Couture Intended Use of the Product

Use Of The Substance/Mixture : Hair care

**Restrictions On Use** : No additional information available

Name, Address, and Telephone of the Responsible Party

Company Company

Church and Dwight Canada Corp. Church & Dwight Co. Inc.

500 Charles Ewing Blvd 5485 Ferrier

Ewing Township, NJ 08628 Montreal, Qc, H4P 1M6 T 1-800-524-1328 www.churchdwight.ca

www.econsumeraffairs.com/churchdwight/contactus www.churchdwight.com

**Emergency Telephone Number** 

Emergency Number: For Medical Emergency: 1-888-234-1828 (USA and Canada), 952-853-1925 (Outside USA and Canada)

For Chemical Emergency: VelocityEHS (800)255-3924 (North America) +1 (813)248-0585 (International)

#### **SECTION 2: HAZARDS IDENTIFICATION**

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label. Classification of the Substance or Mixture

# **GHS-US/CA Classification**

Flammable aerosols, Category 2 H223 Gases under pressure: Liquefied gas H280

Simple Asphyxiant

Hazardous to the aquatic environment, Acute Hazard, Category 3 H402

**Label Elements GHS-US/CA Labeling** 

Hazard Pictograms (GHS-US/CA)





Signal Word (GHS-US/CA) : Warning

Hazard Statements (GHS-US/CA) : H223 - Flammable aerosol.

H280 - Contains gas under pressure; may explode if heated.

H402 - Harmful to aquatic life.

May displace oxygen and cause rapid suffocation.

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**Precautionary Statements (GHS-US/CA)**: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use. P273 - Avoid release to the environment.

P410+P403 - Protect from sunlight. Store in a well-ventilated place.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding

50°C/122°F. P501 - Dispose of

contents/container in accordance with local, regional, national, and international

regulations.

### Other hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. Contact with gas escaping the container can cause frostbite.

**Unknown Acute Toxicity (GHS-US/CA)** 

No additional information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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Name	Product Identifier	% *	GHS Ingredient Classification
n-Butane	(CAS-No.) 106-97-8	30 – 60	Flam. Gas 1A, H220
			Press. Gas (Liq.), H280
			Simple Asphyxiant
1,1-Difluoroethane	(CAS-No.) 75-37-6	15 – 40	Flam. Gas 1A, H220
			Press. Gas (Liq.), H280
			Simple Asphyxiant
Starch	(CAS-No.) 9005-25-8	3 – 7	Combustible Dust
Ethyl alcohol	(CAS-No.) 64-17-5	1-5	Flam. Liq. 2, H225
			Eye Irrit. 2A, H319
D-Limonene	(CAS-No.) 5989-27-5	≤ 0.03	Flam. Liq. 3, H226
			Skin Irrit. 2, H315
			Skin Sens. 1B, H317
			Asp. Tox. 1, H304
			Aquatic Acute 1, H400
			Aquatic Chronic 1, H410
Benzyl acetate	(CAS-No.) 140-11-4	< 0.03	Flam. Liq. 4, H227
			Aquatic Acute 2, H401
			Aquatic Chronic 3, H412
(E)-2-Benzylideneoctanal	(CAS-No.) 165184-98-5	≤ 0.006	Skin Sens. 1, H317
			Aquatic Acute 1, H400
			Aquatic Chronic 2, H411
Citral	(CAS-No.) 5392-40-5	< 0.003	Flam. Liq. 4, H227
			Skin Irrit. 2, H315
			Eye Irrit. 2A, H319
			Skin Sens. 1B, H317
			Aquatic Acute 2, H401
.betaPinene	(CAS-No.) 127-91-3	≤ 0.002	Flam. Liq. 3, H226
			Skin Irrit. 2, H315
			Eye Irrit. 2A, H319
			Skin Sens. 1B, H317
			Asp. Tox. 1, H304
			Aquatic Acute 1, H400
			Aquatic Chronic 1, H410
.alphaPinene	(CAS-No.) 80-56-8	≤ 0.002	Flam. Liq. 3, H226
			Acute Tox. 4 (Oral), H302

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			Skin Irrit. 2, H315
			Skin Sens. 1B, H317
			Asp. Tox. 1, H304
			Aquatic Acute 1, H400
			Aquatic Chronic 1, H410
Ethyl acetate	(CAS-No.) 141-78-6	≤ 0.002	Flam. Liq. 2, H225
			Eye Irrit. 2A, H319
			STOT SE 3, H336
Isoamyl acetate	(CAS-No.) 123-92-2	≤ 0.002	Flam. Liq. 3, H226
			Aquatic Acute 3, H402

Full text of H-statements: see section 16

## **SECTION 4: FIRST AID MEASURES**

### **Description of First-aid Measures**

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** First, take proper precautions to ensure your own safety before attempting rescue (e.g. wear appropriate respiratory protective equipment, use the buddy system), then remove the exposed person to fresh air. Keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Immediately remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists. For brief contact with a small amount: Rewarm with body heat. Get immediate medical advice/attention. For extensive contact or a large amount: Immediately call a poison center/doctor and follow their advice. Specific treatment is urgent, incorrect first-aid practices will aggravate the injury. Protect affected area with a loose cover until proper medical treatment is received.

**Eye Contact:** Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### Most Important Symptoms and Effects Both Acute and Delayed

General: May cause frostbite on contact with the liquid. Asphyxia by lack of oxygen: risk of death.

**Inhalation:** In elevated concentrations may cause asphyxiation, central nervous system effects, and increased breathing rate. Symptoms of asphyxiation include headache, dizziness, rapid breathing, increased pulse, mood changes, tremors, cyanosis, muscular weakness, narcosis, numbness of the extremities, unconsciousness and death.

Skin Contact: Contact with gas/liquid escaping the container can cause frostbite and freeze burns.

Eye Contact: Contact with gas/liquid escaping the container can cause frostbite, freeze burns, and permanent eye damage.

**Ingestion:** Not considered a potential route of exposure, but contact with gas/liquid escaping the container can cause freeze burns and frostbite.

Chronic Symptoms: None expected under normal conditions of use.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

### **SECTION 5: FIRE-FIGHTING MEASURES**

### Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, dry chemical, or sand.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### Special Hazards Arising From the Substance or Mixture

Fire Hazard: Flammable aerosol.

**Explosion Hazard:** Container may explode in heat of fire. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.

## Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Fight fire remotely due to the risk of explosion. DO NOT fight fire when fire reaches containers. Evacuate area.

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<sup>\*</sup>Percentages are listed in weight by weight percentage (w/w%). The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

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**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

**Reference to Other Sections** 

Refer to Section 9 for flammability properties.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not get in eyes, on skin, or on clothing. Do not breathe Gas, dust.

### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel. Stop leak if safe to do so.

### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Evacuate unnecessary personnel, isolate, and ventilate area. Eliminate ignition sources first, then ventilate the area.

#### **Environmental Precautions**

Prevent entry to sewers and public waters. Avoid release to the environment.

### Methods and Materials for Containment and Cleaning Up

**For Containment:** Stop leak, if possible without risk. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Stop the source of the release, if safe to do so. Consider the use of water spray to disperse vapors. Isolate the area until gas has dispersed. Ventilate and gas test area before entering.

#### Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

### **SECTION 7: HANDLING AND STORAGE**

## Precautions for Safe Handling

**Additional Hazards When Processed:** Do not pressurize, cut, or weld containers. Ruptured cylinders may rocket. Pressurized container: may burst if heated. Do not pierce or burn, even after use. Asphyxiating gas at high concentrations.

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Do not spray on an open flame or other ignition source. Do not breathe dust, gas.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

## Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. **Storage Conditions:** Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Keep only in the original container in a cool, well ventilated place away from ignition sources. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

### Specific End Use(s)

Hair care

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## **Control Parameters**

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

n-Butane (106-97-8)		
USA ACGIH	ACGIH OEL STEL	1000 ppm (explosion hazard (Butane, isomers)
USA NIOSH	NIOSH REL TWA	1900 mg/m³
USA NIOSH	NIOSH REL TWA	800 ppm

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USA IDLH	IDLH	1600 ppm (>10% LEL)
Alberta	OEL TWA	1000 ppm
British Columbia	OEL STEL	1000 ppm (Butane, all isomers)
Manitoba	OEL STEL	1000 ppm (explosion hazard (Butane, isomers)
New Brunswick	OEL STEL	1000 ppm (explosion hazard (butane, isomers)
Newfoundland & Labrador	OEL STEL	1000 ppm (explosion hazard (Butane, isomers)
Nova Scotia	OEL STEL	1000 ppm (explosion hazard (Butane, isomers)
Nunavut	OEL STEL	1250 ppm (Butane, all isomers)
Nunavut	OEL TWA	1000 ppm (Butane, all isomers)
Northwest Territories	OEL STEL	1250 ppm (Butane, all isomers)
Northwest Territories	OEL TWA	1000 ppm (Butane, all isomers)
Ontario	OEL TWAEV	1000 ppm (explosion hazard (Butane, all isomers)
Prince Edward Island	OEL STEL	1000 ppm (explosion hazard (Butane, isomers)
Québec	VEMP (OEL TWAEV)	1900 mg/m³
Québec	VEMP (OEL TWAEV)	800 ppm
Saskatchewan	OEL STEL	1250 ppm (Butane, all isomers)
Saskatchewan	OEL TWA	1000 ppm (Butane, all isomers)
Yukon	OEL STEL	1600 mg/m³
Yukon	OEL STEL	750 ppm
Yukon	OEL TWA	1400 mg/m³
Yukon	OEL TWA	600 ppm
1,1-Difluoroethane (75-37-6	)	
USA AIHA	WEEL TWA	1000 ppm
Starch (9005-25-8)		
USA ACGIH	ACGIH OEL TWA	10 mg/m <sup>3</sup>
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL TWA	15 mg/m³ (total dust)
		5 mg/m³ (respirable fraction)
USA NIOSH	NIOSH REL TWA	10 mg/m³ (total dust)
		5 mg/m³ (respirable dust)
Alberta	OEL TWA	10 mg/m³
British Columbia	OEL TWA	10 mg/m³ (total dust)
		3 mg/m³ (respirable fraction)
Manitoba	OEL TWA	10 mg/m³
New Brunswick	OELTWA	10 mg/m³
Newfoundland & Labrador	OEL TWA	10 mg/m <sup>3</sup>
Nova Scotia	OEL TWA	10 mg/m³
Nunavut	OEL STEL	20 mg/m³
Nunavut	OEL TWA	10 mg/m³
Northwest Territories	OEL STEL	20 mg/m³
Northwest Territories	OEL TWA	10 mg/m³
Ontario	OEL TWAEV	10 mg/m³
Prince Edward Island	OEL TWA	10 mg/m³
Québec	VEMP (OEL TWAEV)	10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL	20 mg/m <sup>3</sup>
Saskatchewan	OEL TWA	10 mg/m <sup>3</sup>
Yukon	OEL STEL	20 mg/m <sup>3</sup>
Yukon	OEL TWA	30 mppcf
		10 mg/m³
Ethyl alcohol (64-17-5)		

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USA ACGIH	ACGIH OEL STEL	1000 ppm		
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to		
	The surface of the su	Humans		
USA OSHA	OSHA PEL TWA	1900 mg/m³		
USA OSHA	OSHA PEL TWA	1000 ppm		
USA NIOSH	NIOSH REL TWA	1900 mg/m³		
USA NIOSH	NIOSH REL TWA	1000 ppm		
USA IDLH	IDLH	3300 ppm (10% LEL)		
Alberta	OEL TWA	1880 mg/m³		
Alberta	OEL TWA	1000 ppm		
British Columbia	OEL STEL	1000 ppm		
Manitoba	OEL STEL	1000 ppm		
New Brunswick	OEL STEL	1000 ppm		
Newfoundland & Labrador	OEL STEL	1000 ppm		
Nova Scotia	OEL STEL	1000 ppm		
Nunavut	OEL STEL .	1250 ppm		
Nunavut	OELTWA	1000 ppm		
Northwest Territories	OEL STEL	1250 ppm		
Northwest Territories	OEL TWA	1000 ppm		
Ontario	OEL TWAEV	1000 ppm		
Prince Edward Island	OEL STEL	1000 ppm		
Québec	VECD (OEL STEV)	1000 ppm		
Saskatchewan	OEL STEL	1250 ppm		
Saskatchewan	OEL TWA	1000 ppm		
Yukon	OEL STEL	1900 mg/m³		
Yukon	OELSTEL	1000 ppm		
Yukon	OEL TWA	1900 mg/m³		
Yukon	OEL TWA	1000 ppm		
Benzyl acetate (140-11-4)				
USA ACGIH	ACGIH OEL TWA	10 ppm		
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen		
Alberta	OEL TWA	61 mg/m <sup>3</sup>		
Alberta	OEL TWA	10 ppm		
British Columbia	OEL TWA	10 ppm		
Manitoba	OEL TWA	10 ppm		
New Brunswick	OEL TWA	10 ppm		
Newfoundland & Labrador	OEL TWA	10 ppm		
Nova Scotia	OEL TWA	10 ppm		
Nunavut	OEL STEL	20 ppm		
Nunavut	OEL TWA	10 ppm		
Northwest Territories	OEL STEL	20 ppm		
Northwest Territories	OEL TWA	10 ppm		
Ontario	OEL TWAEV	10 ppm		
Prince Edward Island	OEL TWA	10 ppm		
Québec	VEMP (OEL TWAEV)	10 ppm		
Saskatchewan	OEL STEL	20 ppm		
Saskatchewan	OEL TWA	10 ppm		
Citral (5392-40-5)	Citral (5392-40-5)			
USA ACGIH	ACGIH OEL TWA	5 ppm (inhalable fraction and vapor)		
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		Net Clearifield and Human Canaina and China and Administration
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen, Skin - potential
		significant contribution to overall exposure by the
	051 5114	cutaneous route,dermal sensitizer
Manitoba	OEL TWA	5 ppm (inhalable fraction and vapor)
New Brunswick	OEL TWA	5 ppm (inhalable fraction and vapor)
Newfoundland & Labrador	OEL TWA	5 ppm (inhalable fraction and vapor)
Nova Scotia	OEL TWA	5 ppm (inhalable fraction and vapor)
Ontario	OEL TWAEV	5 ppm (inhalable fraction and vapor)
Prince Edward Island	OEL TWA	5 ppm (inhalable fraction and vapor)
D-Limonene (5989-27-5)		
USA AIHA	WEEL TWA	30 ppm
Ethyl acetate (141-78-6)		
USA ACGIH	ACGIH OEL TWA	400 ppm
USA OSHA	OSHA PEL TWA	1400 mg/m³
USA OSHA	OSHA PEL TWA	400 ppm
USA NIOSH	NIOSH REL TWA	1400 mg/m³
USA NIOSH	NIOSH REL TWA	400 ppm
USA IDLH	IDLH	2000 ppm (10% LEL)
Alberta	OEL TWA	1440 mg/m³
Alberta	OEL TWA	400 ppm
British Columbia	OEL TWA	150 ppm
Manitoba	OEL TWA	400 ppm
New Brunswick	OEL TWA	400 ppm
Newfoundland & Labrador	OEL TWA	400 ppm
Nova Scotia	OEL TWA	400 ppm
Nunavut	OEL STEL	500 ppm
Nunavut	OEL TWA	400 ppm
Northwest Territories	OEL STEL	500 ppm
Northwest Territories	OEL TWA	400 ppm
Ontario	OEL TWAEV	400 ppm
Prince Edward Island	OEL TWA	400 ppm
Québec	VEMP (OEL TWAEV)	1440 mg/m <sup>3</sup>
Québec	VEMP (OEL TWAEV)	400 ppm
Saskatchewan	OEL STEL	500 ppm
Saskatchewan	OEL TWA	400 ppm
Yukon	OEL STEL	1400 mg/m <sup>3</sup>
Yukon	OEL STEL	400 ppm
Yukon	OEL TWA	1400 mg/m³
Yukon	OEL TWA	400 ppm
Isoamyl acetate (123-92-2)		•
USA ACGIH	ACGIH OEL TWA	50 ppm (Pentyl acetate, all isomers)
USA ACGIH	ACGIH OEL STEL	100 ppm (Pentyl acetate, all isomers)
USA OSHA	OSHA PEL TWA	525 mg/m <sup>3</sup>
USA OSHA	OSHA PEL TWA	100 ppm
USA NIOSH	NIOSH REL TWA	525 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL TWA	100 ppm
USA IDLH	IDLH	1000 ppm
Alberta	OEL STEL	532 mg/m <sup>3</sup>
Alberta	OEL STEL	100 ppm
Alberta	OEL TWA	266 mg/m <sup>3</sup>
Alberta	OEL TWA	50 ppm
Alberta	OLLIVVA	L 20 bbut

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r	T	Cording to the nazardous Products Regulation (February 11, 2015).		
British Columbia	OEL STEL	100 ppm (Pentyl acetate, all isomers)		
British Columbia	OEL TWA	50 ppm (Pentyl acetate, all isomers)		
Manitoba	OEL STEL	100 ppm (Pentyl acetate, all isomers)		
Manitoba	OEL TWA	50 ppm (Pentyl acetate, all isomers)		
New Brunswick	OEL STEL	100 ppm (Pentyl acetate, all isomers)		
New Brunswick	OEL TWA	50 ppm (Pentyl acetate, all isomers)		
Newfoundland & Labrador	OEL STEL	100 ppm (Pentyl acetate, all isomers)		
Newfoundland & Labrador	OEL TWA	50 ppm (Pentyl acetate, all isomers)		
Nova Scotia	OEL STEL	100 ppm (Pentyl acetate, all isomers)		
Nova Scotia	OEL TWA	50 ppm (Pentyl acetate, all isomers)		
Nunavut	OEL STEL	100 ppm (Pentyl acetate, all isomers)		
Nunavut	OEL TWA	50 ppm (Pentyl acetate, all isomers)		
Northwest Territories	OEL STEL	100 ppm (Pentyl acetate, all isomers)		
Northwest Territories	OEL TWA	50 ppm (Pentyl acetate, all isomers)		
Ontario	OEL TWAEV	100 ppm (Pentyl acetate, all isomers)		
Ontario	OEL TWAEV	50 ppm (Pentyl acetate, all isomers)		
Prince Edward Island	OEL STEL	100 ppm (Pentyl acetate, all isomers)		
Prince Edward Island	OEL TWA	50 ppm (Pentyl acetate, all isomers)		
Québec	VECD (OEL STEV)	100 ppm (Pentyl acetates)		
Québec	VEMP (OEL TWAEV)	50 ppm (Pentyl acetates)		
Saskatchewan	OEL STEL	100 ppm (Pentyl acetate, all isomers)		
Saskatchewan	OEL TWA	50 ppm (Pentyl acetate, all isomers)		
Yukon	OEL STEL	655 mg/m³		
Yukon	OEL STEL	125 ppm		
Yukon	OEL TWA	525 mg/m <sup>3</sup>		
Yukon	OEL TWA	100 ppm		
.betaPinene (127-91-3)				
USA ACGIH	ACGIH OEL TWA	20 ppm (Turpentine and selected Monoterpenes)		
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer		
Alberta	OELTWA	111 mg/m³ (Turpentine and selected monoterpenes)		
Alberta	OEL TWA	20 ppm (Turpentine and selected monoterpenes)		
British Columbia	OEL TWA	20 ppm (Turpentine and selected monoterpenes)		
Manitoba	OEL TWA	20 ppm (Turpentine and selected monoterpenes)		
New Brunswick	OEL TWA	20 ppm (Turpentine and selected monoterpenes)		
Newfoundland & Labrador	OELTWA	20 ppm (Turpentine and selected monoterpenes)		
Nova Scotia	OELTWA	20 ppm (Turpentine and selected monoterpenes)		
Nunavut	OEL STEL	30 ppm (Turpentine and selected monoterpenes)		
Nunavut	OELTWA	20 ppm (Turpentine and selected monoterpenes)		
Northwest Territories	OEL STEL	30 ppm (Turpentine and selected monoterpenes)		
Northwest Territories	OEL TWA	20 ppm (Turpentine and selected monoterpenes)		
Ontario	OEL TWAEV	20 ppm (Turpentine and selected monomers)		
Prince Edward Island	OEL TWA	20 ppm (Turpentine and selected monoterpenes)		
Québec	VEMP (OEL TWAEV)	112 mg/m³ (Turpentine and certain monoterpenes)		
Québec	VEMP (OEL TWAEV)	20 ppm (Turpentine and certain monoterpenes)		
Saskatchewan	OEL STEL	30 ppm (Turpentine and selected monoterpenes)		
Saskatchewan	OEL TWA	20 ppm (Turpentine and selected monoterpenes)		
.alphaPinene (80-56-8)	022.000	1 20 pp (Tai periame and selected monoterpenes)		
USA ACGIH ACGIH OEL TWA 20 ppm (Turpentine and selected Monoterpenes)				
USA ACGIH	ACGIH CEL TWA  ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer		
Alberta	OEL TWA	111 mg/m³ (Turpentine and selected monoterpenes)		
Alberta	OEL TWA	20 ppm (Turpentine and selected monoterpenes)		

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According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

British Columbia	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Manitoba	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
New Brunswick	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Newfoundland & Labrador	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Nova Scotia	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Nunavut	OEL STEL	30 ppm (Turpentine and selected monoterpenes)
Nunavut	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Northwest Territories	OEL STEL	30 ppm (Turpentine and selected monoterpenes)
Northwest Territories	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Ontario	OEL TWAEV	20 ppm (Turpentine and selected monomers)
Prince Edward Island	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Québec	VEMP (OEL TWAEV)	112 mg/m³ (Turpentine and certain monoterpenes)
Québec	VEMP (OEL TWAEV)	20 ppm (Turpentine and certain monoterpenes)
Saskatchewan	OEL STEL	30 ppm (Turpentine and selected monoterpenes)
Saskatchewan	OEL TWA	20 ppm (Turpentine and selected monoterpenes)

### **Exposure Controls**

Appropriate Engineering Controls: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Use explosion-proof equipment. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Oxygen detectors should be used when asphixiating gases may be released. Gas detectors should be used when flammable gases or vapors may be released.

**Personal Protective Equipment:** For occupational/workplace settings and bulk quantities: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection. Respiratory protection of the dependent type. Insufficient ventilation: wear respiratory protection.









**Materials for Protective Clothing:** For occupational/workplace settings: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

**Hand Protection:** For occupational/workplace settings: Wear protective gloves. If material is cold, wear thermally resistant protective gloves.

Eye Protection: For occupational/workplace settings: Chemical safety goggles.

Skin and Body Protection: For occupational/workplace settings: Wear suitable protective clothing.

**Respiratory Protection:** Use a NIOSH-approved self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Thermal Hazard Protection: Wear thermally resistant protective clothing.

Other Information: When using, do not eat, drink or smoke.

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

# Information on Basic Physical and Chemical Properties Physical State : Gas

Color No data available Odor No data available Odor Threshold No data available рН No data available **Evaporation Rate** No data available **Melting Point** No data available **Freezing Point** No data available **Boiling Point** No data available **Flash Point** No data available **Auto-ignition Temperature** No data available No data available **Decomposition Temperature** 

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Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Flammability (solid, gas) No data available **Lower Flammable Limit** No data available **Upper Flammable Limit** No data available **Vapor Pressure** No data available No data available Relative Vapor Density at 20°C **Relative Density** No data available **Specific Gravity** No data available No data available Solubility **Partition Coefficient: N-Octanol/Water** No data available No data available **Viscosity, Kinematic Particle characteristics** No data available

**Explosive Properties** : Contains gas under pressure; may explode if heated

Heat of Combustion : 25.4 kJ/g

### **SECTION 10:**

### Reactivity:

Reacts violently with strong oxidizers. Increased risk of fire or explosion.

### **Chemical Stability:**

Contains gas under pressure; may explode if heated. Flammable aerosol. Pressurized container: may burst if heated.

### Hazards associated with known or reasonably anticipated uses

Hazardous polymerization will not occur.

#### **Conditions to Avoid:**

Avoid dust formation. Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

### **Incompatible Materials:**

Strong acids, strong bases, strong oxidizers.

## **Hazardous Decomposition Products:**

Thermal decomposition may produce: Not expected to decompose under ambient conditions.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

### Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified.
Acute Toxicity (Dermal): Not classified.
Acute Toxicity (Inhalation): Not classified.

LD50 and LC50 Data: No additional information available.

**Skin Corrosion/Irritation:** Not classified. **Eye Damage/Irritation:** Not classified.

Respiratory or Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: Not classified.

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified.

**Aspiration Hazard:** Not applicable

**Symptoms/Injuries After Inhalation:** In elevated concentrations may cause asphyxiation, central nervous system effects, and increased breathing rate. Symptoms of asphyxiation include headache, dizziness, rapid breathing, increased pulse, mood changes, tremors, cyanosis, muscular weakness, narcosis, numbness of the extremities, unconsciousness and death.

Symptoms/Injuries After Skin Contact: Contact with gas/liquid escaping the container can cause frostbite and freeze burns. Symptoms/Injuries After Eye Contact: Contact with gas/liquid escaping the container can cause frostbite, freeze burns, and permanent eye damage.

**Symptoms/Injuries After Ingestion:** Not considered a potential route of exposure, but contact with gas/liquid escaping the container can cause freeze burns and frostbite.

Chronic Symptoms: None expected under normal conditions of use.

### Information on Toxicological Effects - Ingredient(s)

#### LD50 and LC50 Data:

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According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

ccording 10 Federal Register / Vol. //, No. 58 / Monday, March 26, 2012 / Rules And Ru n-Butane (106-97-8)	
LC50 Inhalation Rat	30957 mg/m³ (Exposure time: 4 h)
LC50 Inhalation Rat	276798.8 ppm
1,1-Difluoroethane (75-37-6)	
LC50 Inhalation Rat	437500 ppm/4h
Ethyl alcohol (64-17-5)	
LD50 Oral Rat	10470 mg/kg
LD50 Dermal Rabbit	> 15800 mg/kg
LC50 Inhalation Rat	133.8 mg/l/4h
Benzyl acetate (140-11-4)	
LD50 Oral Rat	2490 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
Citral (5392-40-5)	
LD50 Oral Rat	4960 mg/kg
LD50 Dermal Rabbit	2250 mg/kg
(E)-2-Benzylideneoctanal (165184-98-5)	
LD50 Dermal Rabbit	> 3000 mg/kg
LC50 Inhalation Rat	> 5 mg/l/4h
D-Limonene (5989-27-5)	
LD50 Oral Rat	> 2000 mg/kg
LD50 Dermal Rabbit	> 5 g/kg
Ethyl acetate (141-78-6)	
LD50 Oral Rat	5620 mg/kg
LD50 Dermal Rabbit	> 18000 mg/kg
LC50 Inhalation Rat	> 7348 mg/l/4h (calculated off of 6hr test results)
LC50 Inhalation Rat	4000 ppm/4h
.betaPinene (127-91-3)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
.alphaPinene (80-56-8)	
LD50 Oral Rat	> 500 mg/kg
LD50 Dermal Rat	> 5000 mg/kg
D-Limonene (5989-27-5)	
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.

# **SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity** 

**Ecology - General:** Harmful to aquatic life.

1,1-Difluoroethane (75-37-6)		
LC50 Fish	733 mg/l	
EC50 Crustacea	720 mg/l	
ErC50 Algae	419 mg/l	
Ethyl alcohol (64-17-5)		
LC50 Fish	11200 mg/l	
EC50 Crustacea	9268 – 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC50 Fish	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
ErC50 Algae	1000 mg/l	
NOEC Chronic Crustacea	9.6 mg/l	
Benzyl acetate (140-11-4)		
LC50 Fish	4 mg/l	
NOEC Chronic Fish	0.92 mg/l	

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According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Citral (5392-40-5)				
LC50 Fish	4.1 mg/l			
EC50 Crustacea	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)			
(E)-2-Benzylideneoctanal (165184-98-5)				
LC50 Fish	0.12 – 2.3 mg/l (Fathead minnows (Pimephales promelas))			
NOEC Chronic Crustacea	0.063 mg/l			
D-Limonene (5989-27-5)	-			
LC50 Fish	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])			
EC50 Crustacea	0.307 mg/l			
LC50 Fish	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)			
NOEC Chronic Algae	0.05 mg/l			
Ethyl acetate (141-78-6)				
LC50 Fish	220 – 250 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]			
	Source: EPA)			
EC50 Crustacea	560 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])			
LC50 Fish	484 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])			
NOEC Chronic Crustacea	2.4 mg/l			
Isoamyl acetate (123-92-2)				
LC50 Fish	11.1 mg/l (Eposure time: 96 h - Species: Danio rerio)			
EC50 Crustacea	205 mg/l			
.betaPinene (127-91-3)				
LC50 Fish	0.5 mg/l			
.alphaPinene (80-56-8)				
LC50 Fish	0.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])			
EC50 Crustacea	41 mg/l (Exposure time: 48 h - Species: Daphnia magna)			
Persistence and Degradability				
Batiste™ Dry Shampoo (Select Variants) (NA GHS 2015)				
Persistence and Degradability				
Bioaccumulative Potential				
Batiste™ Dry Shampoo (Select Variants)				
Bioaccumulative Potential	Not established.			
n-Butane (106-97-8)				
Log POW	2.31 at 20 °C (at pH 7)			
Ethyl alcohol (64-17-5)				
Log POW	-0.35 at 24 °C (at pH 7.4)			
Benzyl acetate (140-11-4)				
Log POW	1.96 at 25 °C (at pH 7)			
Citral (5392-40-5)				
Log POW	2.76 at 25 °C			
(E)-2-Benzylideneoctanal (165184-98-5)				
Log POW	5.3 at 24 °C			
D-Limonene (5989-27-5)				
Log POW	4.38 at 37 °C (at pH 7.2)			
Ethyl acetate (141-78-6)				
BCF Fish	30			
Log POW	0.73 at 20 °C (at pH 7)			
Isoamyl acetate (123-92-2)				
Log POW	2.7 at 35 °C			
.alphaPinene (80-56-8)				
Log POW	4.1			
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Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### Mobility in Soil

No additional information available

Other Adverse Effects

Other Information: Avoid release to the environment.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

Waste Disposal Recommendations: Hazardous waste (ignitable) due to the presence of flammable liquids and gases, Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations, Do not pierce or burn, even after use

Additional Information: Do not puncture or incinerate container.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

### **SECTION 14: TRANSPORT INFORMATION**

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

### In Accordance with DOT

Proper Shipping Name : AEROSOLS
Hazard Class : 2.1
Identification Number : UN1950
Label Codes : 2.1





**ERG Number** 

Proper Shipping Name : AEROSOLS

Hazard Class : 2.1
Identification Number : UN1950
Label Codes : 2.1
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U



### In Accordance with IATA

Proper Shipping Name : AEROSOLS, FLAMMABLE

Hazard Class : 2.1
Identification Number : UN1950
Label Codes : 2.1
ERG Code (IATA) : 10L



### In Accordance with TDG

Proper Shipping Name : AEROSOLS
Hazard Class : 2.1
Identification Number : UN1950
Label Codes : 2.1



### **SECTION 15: REGULATORY INFORMATION**

### **US Federal and International Regulations**

Batiste™ Dry Shampoo (Select Variants) (NA GHS 2015)	
SARA Section 311/312 Hazard Classes	Physical hazard - Gas under pressure
	Physical hazard - Flammable (gases, aerosols, liquids, or solids)
	Health hazard - Simple asphyxiant

### n-Butane (106-97-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

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According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

### 1,1-Difluoroethane (75-37-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

#### Starch (9005-25-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

## **EPA TSCA Regulatory Flag**

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

## Ethyl alcohol (64-17-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

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According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

### Benzyl acetate (140-11-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Japanese Pollutant Release and Transfer Register Law (PRTR Law)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

### Citral (5392-40-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

### (E)-2-Benzylideneoctanal (165184-98-5)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

## D-Limonene (5989-27-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

### Ethyl acetate (141-78-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Japanese Poisonous and Deleterious Substances Control Law

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

CERCLA RQ 5000 lb

### Isoamyl acetate (123-92-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

CERCLA RQ 5000 lb listed under Amyl acetate

### .beta.-Pinene (127-91-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

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According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### .alpha.-Pinene (80-56-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

### **US State Regulations**

### n-Butane (106-97-8)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List

### 1,1-Difluoroethane (75-37-6)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Massachusetts Right To Know List

### Starch (9005-25-8)

- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List

#### Ethyl alcohol (64-17-5)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List

## Benzyl acetate (140-11-4)

U.S. - New Jersey - Right to Know Hazardous Substance List

### Ethyl acetate (141-78-6)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List

### Isoamyl acetate (123-92-2)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List

### .alpha.-Pinene (80-56-8)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List

### Canadian Regulations

### n-Butane (106-97-8)

Listed on the Canadian DSL (Domestic Substances List)

### 1,1-Difluoroethane (75-37-6)

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Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).
Listed on the Canadian DSL (Domestic Substances List)
Starch (9005-25-8)
Listed on the Canadian DSL (Domestic Substances List)
Ethyl alcohol (64-17-5)
Listed on the Canadian DSL (Domestic Substances List)
Benzyl acetate (140-11-4)
Listed on the Canadian DSL (Domestic Substances List)
Citral (5392-40-5)
Listed on the Canadian DSL (Domestic Substances List)
D-Limonene (5989-27-5)
Listed on the Canadian DSL (Domestic Substances List)
Ethyl acetate (141-78-6)
Listed on the Canadian DSL (Domestic Substances List)
Isoamyl acetate (123-92-2)
Listed on the Canadian DSL (Domestic Substances List)
.betaPinene (127-91-3)
Listed on the Canadian DSL (Domestic Substances List)
.alphaPinene (80-56-8)
Listed on the Canadian DSL (Domestic Substances List)

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Extremely flammable gas

# **Date of Preparation or Latest Revision**

- : 04/18/2025
- Other Information
- : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers.

## **GHS Full Text Phrases:**

H220

H223	Flammable aerosol
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H227	Combustible liquid
H280	Contains gas under pressure; may explode if heated
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

NA GHS SDS (Can, US)

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