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# Toppik<sup>™</sup> Colored Hair Thickener (All Variants) - (NA GHS 2015 - EN)

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: 07/04/2022 Date of Issue: 07/18/2018 Supersedes Date: 06/12/2021 Version: 1.3

### **SECTION 1: IDENTIFICATION**

### Product Identifier

Product Form: Mixture

**Product Name:** Toppik<sup>™</sup> Colored Hair Thickener (All Variants) - (NA GHS 2015 - EN)

Product Code: 227-80D, 227-80A
Intended Use of the Product
Concealer for thinning hair

### Name, Address, and Telephone of the Responsible Party

Company

Church & Dwight 500 Charles Ewing Blvd Ewing Township, NJ 08628

T 1-800-524-1328

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: ChemTel LLC (800)255-3924 (North America) +1 (813)248-0585 (International)

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

The consumer variant of this product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC) and the Food and Drug Administration (FDA). 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 FDA, 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**

Simple Asphy

Flam. Aerosol 2 H223

Full text of hazard classes and H-statements: see section 16

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.

May displace oxygen and cause rapid suffocation.

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.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122

°F.

### **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 data available

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### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

### Mixture

Name	Product Identifier	% *	GHS Ingredient Classification
1,1-Difluoroethane	(CAS-No.) 75-37-6	30 - 60	Flam. Gas 1, H220
			Press. Gas (Liq.), H280
Dimethyl ether	(CAS-No.) 115-10-6	15 - 40	Flam. Gas 1, H220
			Press. Gas (Liq.), H280
Ethyl alcohol	(CAS-No.) 64-17-5	8.16 - 9.29	Flam. Liq. 2, H225
			Eye Irrit. 2A, H319
Titanium dioxide**	(CAS-No.) 13463-67-7	<= 1.92	Carc. 2, H351

Full text of H-phrases: 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. If frostbite or freezing occurs, immediately flush with plenty of lukewarm water to GENTLY warm the affected area. Do not use hot water. Do not rub affected area. Get immediate medical attention.

**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: Asphyxia by lack of oxygen: risk of death. Contact with gas escaping the container can cause frostbite.

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:** Prolonged exposure may cause skin irritation.

**Eye Contact:** May cause slight irritation to eyes. **Ingestion:** Ingestion may cause adverse effects.

Clarification ingestion may cause daverse effects.

**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**

 $\textbf{Suitable Extinguishing Media:} \ \ \text{Water spray, fog, carbon dioxide (CO}_2), \ alcohol-resistant foam, \ dry \ chemical, \ or \ sand.$ 

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: 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.

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<sup>\*</sup>Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

<sup>\*\*</sup>Titanium dioxide is encapsulated and not respirable. Since the titanium dioxide is not respirable, it is not expected to present a cancer risk.

<sup>\*\*\*</sup> 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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**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. DO NOT fight fire when fire reaches containers. Evacuate area

**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>). Hydrogen Fluoride (HF). Fluorine compounds. Fluorocarbons.

### **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 vapors, mist, spray, gas.

### 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. Ventilate area. Eliminate ignition sources.

### **Environmental Precautions**

Prevent entry to sewers and public waters.

### Methods and Materials for Containment and Cleaning Up

For Containment: Stop leak, if possible without risk.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Isolate area until gas has dispersed. Contact competent authorities after a spill.

### **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:** 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 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:** 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)

Concealer for thinning hair

### 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), Canadian provincial governments, or the Mexican government.

Ethyl alcohol (64-17-5)		
Mexico	OEL TWA (mg/m³)	1900 mg/m³
Mexico	OEL TWA (ppm)	1000 ppm
USA ACGIH ACGIH STEL (ppm) 1000 ppm		1000 ppm
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans

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USA OSHA	recording to reactar negister / voi. 77, ivo. s		guiations And According 10 The Hazardous Products Regulation (February 11, 2015).
NIOSH REL_(TWA) (mg/m²)   1900 mg/m²     USA NIOSH REL_(TWA) (ppm)   1000 ppm     Alberta		OSHA PEL (TWA) (mg/m³)	1900 mg/m³
USA IDLH	USA OSHA	, , , , , ,	
Alberta	USA NIOSH	NIOSH REL (TWA) (mg/m³)	1900 mg/m³
Alberta	USA NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
Alberta	USA IDLH	US IDLH (ppm)	3300 ppm (10% LEL)
Manitoba	Alberta	OEL TWA (mg/m³)	1880 mg/m³
Manitoba	Alberta	OEL TWA (ppm)	1000 ppm
New Brunswick	British Columbia	OEL STEL (ppm)	1000 ppm
New Furunswick	Manitoba	OEL STEL (ppm)	1000 ppm
Newfoundland & Labrador	New Brunswick	OEL TWA (mg/m³)	1880 mg/m³
Nova Scotia	New Brunswick	OEL TWA (ppm)	1000 ppm
Nunavut	Newfoundland & Labrador	OEL STEL (ppm)	1000 ppm
Nunswut   OEL TWA (ppm)   1000 ppm	Nova Scotia	OEL STEL (ppm)	1000 ppm
Northwest Territories	Nunavut	OEL STEL (ppm)	1250 ppm
Northwest Territories	Nunavut	OEL TWA (ppm)	1000 ppm
Northwest Territories	Northwest Territories		
Ontario         OEL STEL (ppm)         1000 ppm           Prince Edward Island         OEL STEL (ppm)         1000 ppm           Québec         VEMP (mg/m²)         1880 mg/m³           Québec         VEMP (ppm)         1000 ppm           Saskatchewan         OEL STEL (ppm)         1250 ppm           Saskatchewan         OEL STEL (mg/m³)         1900 mg/m³           Yukon         OEL STEL (ppm)         1900 mg/m³           Yukon         OEL STEL (ppm)         1000 ppm           Yukon         OEL TWA (mg/m³)         1900 mg/m³           Yukon         OEL TWA (ppm)         1000 ppm           Dimethyl ether (115-10-6)         USA AIHA         WEEL TWA (ppm)         1000 ppm           British Columbia         OEL TWA (ppm)         1000 ppm           1,1-Difluoroethane (75-37-6)         USA AIHA         WEEL TWA (ppm)         1000 ppm           Titanium dioxide (13463-67-7)         Mexico         OEL STEL (mg/m³)         10 mg/m³           Mexico         OEL STEL (mg/m³)         20 mg/m³           USA ACGIH         ACGIH TWA (mg/m³)         10 mg/m³           USA OSHA         OSHA PEL (TWA) (mg/m³)         15 mg/m³ (total dust)           USA DILH         US IDLH (mg/m³)         10 mg/m³	Northwest Territories	,	•
Prince Edward Island         OEL STEL (ppm)         1000 ppm           Québec         VEMP (mg/m²)         1880 mg/m³           Québec         VEMP (ppm)         1000 ppm           Saskatchewan         OEL TWA (ppm)         1250 ppm           Saskatchewan         OEL STEL (mg/m³)         1900 mg/m³           Yukon         OEL STEL (ppm)         1000 ppm           Yukon         OEL STEL (ppm)         1000 ppm           Yukon         OEL TWA (mg/m³)         1900 mg/m³           Yukon         OEL TWA (ppm)         1000 ppm           Dimethyl ether (115-10-6)         USA AIHA         WEEL TWA (ppm)         1000 ppm           British Columbia         OEL TWA (ppm)         1000 ppm           1,1-Difluoroethane (75-37-6)         USA AIHA         WEEL TWA (ppm)         1000 ppm           11,1-Difluoroethane (75-37-6)         Wexico         OEL STEL (mg/m³)         20 mg/m³           Mexico         OEL STEL (mg/m³)         10 mg/m³           Mexico         OEL STEL (mg/m³)         10 mg/m³           USA ACGIH         ACGIH TWA (mg/m³)         10 mg/m³           USA OSHA         OSHA PEL (TWA) (mg/m³)         15 mg/m³ (total dust)           USA DILH         US IDLH (mg/m³)         10 mg/m³		,	• • •
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Saskatchewan         OEL STEL (ppm)         1250 ppm           Saskatchewan         OEL TWA (ppm)         1000 ppm           Yukon         OEL STEL (mg/m³)         1900 mg/m³           Yukon         OEL STEL (ppm)         1000 ppm           Yukon         OEL TWA (mg/m³)         1900 mg/m³           Yukon         OEL TWA (ppm)         1000 ppm           Dimethyl ether (115-10-6)           USA AlHA         WEEL TWA (ppm)         1000 ppm           British Columbia         OEL TWA (ppm)         1000 ppm           1,1-Difluoroethane (75-37-6)           USA AIHA         WEEL TWA (ppm)         1000 ppm           Titanium dioxide (13463-67-7)         Mexico         OEL TWA (mg/m³)         10 mg/m³           Mexico         OEL TWA (mg/m³)         10 mg/m³           Mexico         OEL STEL (mg/m³)         20 mg/m³           USA ACGIH         ACGIH chemical category         Not Classifiable as a Human Carcinogen           USA OSHA         OSHA PEL (TWA) (mg/m³)         15 mg/m³ (total dust)           USA IDLH         US IDLH (mg/m³)         10 mg/m³           USA IDLH         US IDLH (mg/m³)         10 mg/m³           British Columbia         OEL TWA (mg/m³)         10 mg/m³	-	, 5: /	
Saskatchewan	•		
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USA AIHA         WEEL TWA (ppm)         1000 ppm           British Columbia         OEL TWA (ppm)         1000 ppm           1,1-Difluoroethane (75-37-6)         WEEL TWA (ppm)         1000 ppm           Titanium dioxide (13463-67-7)         WEEL TWA (mg/m³)         10 mg/m³           Mexico         OEL TWA (mg/m³)         20 mg/m³           USA ACGIH         ACGIH TWA (mg/m³)         10 mg/m³           USA ACGIH         ACGIH chemical category         Not Classifiable as a Human Carcinogen           USA OSHA         OSHA PEL (TWA) (mg/m³)         15 mg/m³ (total dust)           USA IDLH         US IDLH (mg/m³)         5000 mg/m³           Alberta         OEL TWA (mg/m³)         10 mg/m³           British Columbia         OEL TWA (mg/m³)         10 mg/m³ (total dust)           Manitoba         OEL TWA (mg/m³)         10 mg/m³           New Brunswick         OEL TWA (mg/m³)         10 mg/m³           Newfoundland & Labrador         OEL TWA (mg/m³)         10 mg/m³           Nova Scotia         OEL TWA (mg/m³)         10 mg/m³           Nunavut         OEL STEL (mg/m³)         20 mg/m³           Northwest Territories         OEL STEL (mg/m³)         20 mg/m³           Northwest Territories         OEL STEL (mg/m³)         10 mg/m³		OLL TWA (ppin)	1000 ppm
British Columbia   OEL TWA (ppm)   1000 ppm		NA/EEL TIA/A /minmal	1000
1,1-Difluoroethane (75-37-6)     USA AIHA			
USA AIHA  WEEL TWA (ppm)  1000 ppm  Titanium dioxide (13463-67-7)  Mexico  OEL TWA (mg/m³)  10 mg/m³  Mexico  OEL STEL (mg/m³)  USA ACGIH  ACGIH TWA (mg/m³)  USA ACGIH  ACGIH chemical category  Not Classifiable as a Human Carcinogen  USA OSHA  OSHA PEL (TWA) (mg/m³)  15 mg/m³ (total dust)  USA IDLH  US IDLH (mg/m³)  Alberta  OEL TWA (mg/m³)  British Columbia  OEL TWA (mg/m³)  OEL TWA (mg/m³)  New Brunswick  OEL TWA (mg/m³)  New Brunswick  OEL TWA (mg/m³)  Noua Scotia  OEL TWA (mg/m³)  Noua Scotia  OEL TWA (mg/m³)  Nunavut  OEL STEL (mg/m³)  Northwest Territories  OEL TWA (mg/m³)  10 mg/m³  Northwest Territories  OEL TWA (mg/m³)  10 mg/m³  No mg/m³  Northwest Territories  OEL TWA (mg/m³)  10 mg/m³  No mg/m³  Northwest Territories  OEL TWA (mg/m³)  10 mg/m³			1000 ppm
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	Ontario	OEL TWA (mg/m³)	10 mg/m³

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Prince Edward Island	OEL TWA (mg/m³)	10 mg/m³
Québec	VEMP (mg/m³)	10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL (mg/m³)	20 mg/m³
Saskatchewan	OEL TWA (mg/m³)	10 mg/m³
Yukon	OEL STEL (mg/m³)	20 mg/m <sup>3</sup>
Yukon	OEL TWA (mg/m³)	30 mppcf
		10 mg/m <sup>3</sup>

#### **Exposure Controls**

**Appropriate Engineering Controls:** For occupational/workplace settings: . 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. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Oxygen detectors should be used when asphyxiating gases 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.











**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. **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.

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

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

information on Basic Phy	ysıcaı and	Chemical Pro	perties

Physical State : Gas

Appearance : Opaque Liquid with Gas Propellant

Odor Not available **Odor Threshold** Not available рΗ Not available **Evaporation Rate** Not available **Melting Point** Not available **Freezing Point** Not available **Boiling Point** Not available **Flash Point** Not available **Auto-ignition Temperature** Not available **Decomposition Temperature** Not available Flammability (solid, gas) Not available **Lower Flammable Limit** Not available **Upper Flammable Limit** Not available **Vapor Pressure** Not available Relative Vapor Density at 20°C Not available **Specific Gravity** 1.030 - 1.050 Solubility Not available **Partition Coefficient: N-Octanol/Water** Not available Viscosity Not available

### **SECTION 10: STABILITY AND REACTIVITY**

**Heat of Combustion** 

**<u>Reactivity</u>**: Reacts violently with strong oxidizers. Increased risk of fire or explosion.

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27.5 kJ/g

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<u>Chemical Stability</u>: Flammable aerosol. Pressurized container: may burst if heated. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

<u>Conditions to Avoid</u>: Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible

materials, and other ignition sources.

<u>Incompatible Materials</u>: Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products: None expected under normal conditions of use.

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

### **Information on Toxicological Effects - Product**

Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Not classified
D50 and I C50 Data: Not available

LD50 and LC50 Data: Not 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 (Titanium dioxide is encapsulated and not respirable. Since the titanium dioxide is not respirable, it is

not expected to present a cancer risk.)

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

**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:** Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes. Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects. Chronic Symptoms: None expected under normal conditions of use.

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

### LD50 and LC50 Data:

Ethyl alcohol (64-17-5)         LD50 Oral Rat       10470 mg/kg         LD50 Dermal Rat       20 ml/kg         LC50 Inhalation Rat       124.7 mg/l/4h         Dimethyl ether (115-10-6)       164000 ppm/4h         LC50 Inhalation Rat       164000 ppm/4h         ATE US/CA (vapors)       308.50 mg/l/4h         Titanium dioxide (13463-67-7)       10000 mg/kg		
LD50 Dermal Rat       20 ml/kg         LC50 Inhalation Rat       124.7 mg/l/4h         Dimethyl ether (115-10-6)       164000 ppm/4h         LC50 Inhalation Rat       164000 ppm/4h         ATE US/CA (vapors)       308.50 mg/l/4h         Titanium dioxide (13463-67-7)		
LC50 Inhalation Rat       124.7 mg/l/4h         Dimethyl ether (115-10-6)       164000 ppm/4h         LC50 Inhalation Rat       164000 ppm/4h         ATE US/CA (vapors)       308.50 mg/l/4h         Titanium dioxide (13463-67-7)		
Dimethyl ether (115-10-6)           LC50 Inhalation Rat         164000 ppm/4h           ATE US/CA (vapors)         308.50 mg/l/4h           Titanium dioxide (13463-67-7)		
LC50 Inhalation Rat       164000 ppm/4h         ATE US/CA (vapors)       308.50 mg/l/4h         Titanium dioxide (13463-67-7)		
ATE US/CA (vapors)         308.50 mg/l/4h           Titanium dioxide (13463-67-7)		
Titanium dioxide (13463-67-7)		
10000 mg/kg		
<b>LD50 Oral Rat</b> > 10000 mg/kg		
Ethyl alcohol (64-17-5)		
IARC Group 1		
OSHA Hazard Communication Carcinogen List In OSHA Hazard Communication Carcinogen list.		
Titanium dioxide (13463-67-7)		
IARC Group 2B		
OSHA Hazard Communication Carcinogen List In OSHA Hazard Communication Carcinogen list.		

### **SECTION 12: ECOLOGICAL INFORMATION**

### **Toxicity**

Ecology - General: Not classified.

Ethyl alcohol (64-17-5)	
LC50 Fish 1	11200 mg/l
EC50 Daphnia 1	9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)

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LC50 Fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
ErC50 (algae)	1000 mg/l
NOEC Chronic Crustacea	9.6 mg/l
1,1-Difluoroethane (75-37-6)	
LC50 Fish 1	733 mg/l
EC50 Daphnia 1	720 mg/l
ErC50 (algae)	419 mg/l

### **Persistence and Degradability**

Toppik <sup>™</sup> Colored Hair Thickener (All Variants)	
Persistence and Degradability	Not established.

#### **Bioaccumulative Potential**

Toppik <sup>™</sup> Colored Hair Thickener (All Variants)	
Bioaccumulative Potential	Not established.
Ethyl alcohol (64-17-5)	
Log POW	-0.32
Dimethyl ether (115-10-6)	
Log POW	-0.18

Mobility in Soil Not available

**Other Adverse Effects** 

Other Information: Avoid release to the environment.

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

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations, Do not pierce or burn, even after use

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions. Do not puncture or incinerate container. Hazardous waste (ignitable) due to the presence of flammable liquids and gases.

**Ecology - Waste Materials:** Avoid release to the environment.

### **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, flammable, (each not exceeding 1 L capacity)

Hazard Class: 2.1Identification Number: UN1950Label Codes: 2.1ERG Number: 126



### In Accordance with IMDG

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
MFAG Number : 126



### In Accordance with IATA

Proper Shipping Name : AEROSOLS, FLAMMABLE

Identification Number: 2.1Hazard Class: UN1950Label Codes: 2.1ERG Code (IATA): 10L



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### **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**

Toppik <sup>™</sup> Colored Hair Thickener (All Variants)	
SARA Section 311/312 Hazard Classes	Health hazard - Simple asphyxiant
	Physical hazard - Gas under pressure
	Physical hazard - Flammable (gases, aerosols, liquids, or solids)

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

Listed on IARC (International Agency for Research on Cancer)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Canadian DSL (Domestic Substances List)

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

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

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

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

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on CICR (Turkish Inventory and Control of Chemicals)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

### Dimethyl ether (115-10-6)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Canadian DSL (Domestic Substances List)

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

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

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

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

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on CICR (Turkish Inventory and Control of Chemicals)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

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

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Canadian DSL (Domestic Substances List)

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

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

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

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

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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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 PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on CICR (Turkish Inventory and Control of Chemicals)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

### **Titanium dioxide (13463-67-7)**

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Canadian DSL (Domestic Substances List)

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

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

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

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

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on CICR (Turkish Inventory and Control of Chemicals) Listed on the TCSI (Taiwan Chemical Substance Inventory)

### **US State Regulations**

Ethyl alcohol (64-17-5)	
U.S California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of
	California to cause cancer. Ethyl Alcohol is included on the
	Proposition 65 list when it is used in alcoholic beverages.
U.S California - Proposition 65 - Developmental Toxicity	WARNING: This product contains chemicals known to the State of
	California to cause birth defects. Ethyl Alcohol is included on the
	Proposition 65 list when it is used in alcoholic beverages.
Titanium dioxide (13463-67-7)	
U.S California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of
	California to cause cancer.
Ethyl alcohol (64-17-5)	
U.S Massachusetts - Right To Know List	

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

#### Dimethyl ether (115-10-6)

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

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

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

### Titanium dioxide (13463-67-7)

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

### **Canadian Regulations**

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

Listed on the Canadian DSL (Domestic Substances List)

### Dimethyl ether (115-10-6)

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

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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).

**Titanium dioxide (13463-67-7)** 

Listed on the Canadian DSL (Domestic Substances List)

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

Date of Preparation or Latest Revision Other Information

: 07/04/2022

: 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.

The consumer variant of this product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC) and the Food and Drug Administration (FDA). 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 FDA, and as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

#### **GHS Full Text Phrases:**

Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Aerosol 2	Flammable aerosol Category 2
Flam. Gas 1	Flammable gases Category 1
Flam. Liq. 2	Flammable liquids Category 2
Press. Gas (Liq.)	Gases under pressure Liquefied gas
Simple Asphy	Simple Asphyxiant
H220	Extremely flammable gas
H223	Flammable aerosol
H225	Highly flammable liquid and vapor
H280	Contains gas under pressure; may explode if heated
H319	Causes serious eye irritation
H351	Suspected of causing cancer

This Product Safety Data Sheet is offered solely for your information, consideration and investigation. Church & Dwight Co., Inc. provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Church & Dwight Co., Inc. urges persons receiving this information to make their own determination as to the information suitability for their particular application.

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