



## Material Safety Data Sheet

MSDS No: 436690  
Version 00.0

Creation Date: 08/15/2011  
Revision Date: 00/00/0000

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** göt2b Rockin' It Aerosol Dry Conditioner  
**Product Use:** Aerosol Hair Styling Aid  
**Product Number:** 99632  
**Formula I.D.:** IDH # 1604012; Optiva Ref: FTT11RD0007\01  
**Company Address:**  
Schwarzkopf & Henkel, Div of Henkel Consumer Goods, 1063 McGaw Ave, Suite 100, Irvine, CA 92614-5506 USA  
**Contact Information:**  
Medical Emergencies: 1-888-689-9082 Chemtrec: 1-800-424-9300 (24 hours daily) Other information: 1-888-468-6673

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**CAUTION:**

Direct contact with eyes may cause irritation. Ingestion of large quantities may be harmful. Repeated or prolonged excessive exposure with skin may cause irritation or dermatitis. Breathing high vapor concentrations may produce anesthetic effects, nausea, dizziness, headache. No significant environmental effects. Product is flammable. Product is stable. Keep out of reach of children.

**Regulatory Status:**

This product is considered to be hazardous under OSHA's Hazard Communication Standard (29 CFR 1900.1200). This MSDS includes valuable information that is critical for safe handling and proper use of this product.

#### Potential Health Effects

**Eye contact:** It causes moderate-to-severe irritation.  
**Skin contact:** Repeated or prolonged excessive contact may cause irritation or dermatitis.  
**Ingestion:** May be harmful if swallowed. Disulfiram (Antabuse®) reactions such as vomiting, headache, and even collapse, may result from ingestion of small quantities of alcohol and have also been described from skin contact.  
**Inhalation:** Vapors may cause irritation of the nose, throat, and respiratory tract. Breathing high vapor concentrations may produce anesthetic effects, nausea, dizziness, headache. Intentional misuse of product (i.e., huffing) may produce death.  
**Chronic Health Effects:** Due to the nature and composition of this product no subchronic/chronic health effects are anticipated. Nonetheless, chronic oral studies with alcohol in laboratory animals have resulted in liver damage, teratogenicity, embryotoxicity, and fetotoxicity effects.  
**Existing conditions aggravated by exposure:** Pre-existing respiratory conditions such as asthma.

**Potential Environmental Effects:** See section 12. Ecological information.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Based on our hazard evaluation, the following chemical substance(s) in this product have been identified as hazardous.

Hazardous components	CAS NUMBER	%
Isobutane	75-28-5	30 – 60
Alcohol denatured	64-17-5	30 – 60
Trisiloxane	107-51-7	1 – 5
Butane	106-97-8	1 – 5

### 4. FIRST AID MEASURES

**Eye contact:** In case of contact with eyes rinse with plenty of water occasionally lifting upper and lower lids,

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<b>Skin contact:</b>	until no evidence of product remain. Get medical attention if irritation persists. Rinse affected area with large amounts of mild soap and water until no evidence of product remains. Get medical attention if irritation persists.
<b>Ingestion:</b>	Treat symptomatically and supportively. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving a glass of water to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.
<b>Inhalation:</b>	Remove from exposure area to fresh air immediately. Keep affected person warm and at rest. Treat symptomatically and supportively. Contact physician or local poison control center. If breathing has stopped, give artificial respiration, and get medical attention immediately.
<b>Notes to physician:</b>	The physician's judgment should be used to control symptoms and clinical condition based on the individual reactions of the patient.

### 5. FIRE FIGHTING MEASURES

#### Flammable Properties:

<b>Flash point (Propellant):</b>	<-20°C/<-4°F (CC)(Isobutane), 55°F/13°C (Ethyl Alcohol)
<b>Flame projection:</b>	None (extinguishes flame)
<b>Autoignition temperature:</b>	Not available
<b>Flammable/Explosive limits - lower:</b>	3.3% For Ethyl Alcohol, 1.8% for Isobutane
<b>Flammable/Explosive limits - upper:</b>	19% For Ethyl Alcohol, 9.5% for Isobutane
<b>Hazardous combustion products:</b>	Irritating smoke, carbon monoxide, and carbon dioxide.

#### Fire and Explosion Hazard

Dangerous fire hazard when exposed to heat or flame. Aerosol cans may rupture in heat or fire conditions. Vapors are heavier than air and may travel to an ignition source.

#### Extinguishing Media

Dry chemical or carbon dioxide. For larger fires, use water spray, fog or regular foam.

#### Protection of Firefighters

Shut off all ignition sources. Move containers from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Use flooding amounts of water as fog. Cool product aerosol cans with flooding amounts of water from as far a distance as possible. Avoid breathing vapors; keep upwind. As with any containerized or pressurized chemicals, in the event of overheating or direct flame contact, evacuate the area to minimize hazard of potential explosion.

### 6. ACCIDENTAL RELEASE MEASURES

#### **Personal Precautions:**

Wear skin, eye and respiratory protection as recommended in Section 8. Shut off ignition sources. Stop leak if you can do it without risk. Use water spray to reduce vapors. Isolate area until vapors have dispersed. No smoking, flames or flares in hazard area! Keep unnecessary people away; isolate hazard area and deny entry. Ventilate closed spaces before entering. Stay upwind; keep out of low areas.

#### **Environmental Precautions:**

Small or household quantities may be disposed in regular domestic trash. For larger quantities check with your local disposal authorities.

#### **Methods for containment and clean up:**

SMALL SPILLS: Contain and absorb with sand or other non-combustible absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

### 7. HANDLING AND STORAGE

#### **Handling:**

Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Keep the containers closed



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when not in use. Have emergency equipment (for fires, spills, leaks, etc.) readily available.

### Storage:

Flammable liquid. Store in original containers in a cool dry area away from incompatible substances, excessive heat, flames, sparks or other ignition sources. Contents are under pressure; containers may violently rupture and travel a considerable distance. Do not store above 120°F. Exposure to sunlight or heat (above 130°F/54°C) may cause bursting. Do not puncture or incinerate. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use. Observe all federal, state and local regulations when storing or disposing of this substance.

**Aerosol Level Category:** Level 3 Aerosol (Severe Hazard)

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

The use of this product by consumers is safe under normal and reasonable foreseen use. The information provided below refers to the occupational settings.

### Worker Exposure Limits

Ingredient	ACGIH TLV	OSHA PEL	AIHA WEEL	NIOSH
Ethanol	TLV-TWA: 1000 ppm (1880 mg/m <sup>3</sup> )	PEL-TWA: 1000 ppm (1880 mg/m <sup>3</sup> )	N/A	N/A
Butane, Isobutane, Propane (as aliphatic hydrocarbon gases, alkane C <sub>1</sub> – C <sub>4</sub> )	TLV-TWA: 1000 ppm (1800 mg/m <sup>3</sup> )	N/A	N/A	NIOSH-TWA: 800 ppm (1900 mg/m <sup>3</sup> )

### Engineering controls:

No special engineering controls apply for the finished product. Contact the safety coordinator for any specific ingredient exposure limit that may apply at the occupational settings. Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

### Respirator:

Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits. If respiratory protection is required, it must be based on the contamination levels found in the workplace, must not exceed the working limits of the respirator and be jointly approved by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration (NIOSH-MSHA).

### For fire fighting or other immediately dangerous to life or health conditions:

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode.

### Clothing:

Protective clothing is required where repeated or prolonged skin contact may occur.

### Gloves:

Protective gloves are required where repeated or prolonged skin contact may occur.

### Eye/face protection:

Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White
<b>Physical state:</b>	Liquid aerosolized spray
<b>Odor:</b>	Fresh, citric
<b>Odor threshold:</b>	Not available
<b>Boiling point/range:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Melting point/ range:</b>	Not available
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>pH:</b>	Not applicable
<b>Solubility in water:</b>	Miscible
<b>Specific gravity:</b>	0.805 – 0.810 (concentrate)

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**Vapor density:** Not available  
**Vapor pressure:** Not available  
**Viscosity:** Water-thin  
**Flammable properties:** See section 5

### 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

**Conditions to avoid:** Avoid contact with incompatible substances, excessive heat, flames or other ignition sources. Exposure to sunlight or heat may cause bursting. Do not permit physical damage or overheating of containers. Do not place aerosol cans in trash compactor. Contents are under pressure; containers may violently rupture and travel a considerable distance.

**Incompatible materials:** Strong oxidizers and combustible materials.

**Hazardous decomposition products:** Thermal decomposition may release toxic and/or hazardous gases including oxides of carbon and nitrogen; hydrocarbons and derivatives.

**Possibility of hazardous reactions:** Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

### 11. TOXICOLOGICAL INFORMATION

**Product Information Summary:**

This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use. Direct contact with eyes may cause irritation. Ingestion of large quantities may be harmful. Repeated or prolonged excessive exposure with skin may cause irritation or dermatitis. Breathing high vapor concentrations may produce anesthetic effects, nausea, dizziness, headache.

**Component analysis:** The following toxicity information is for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

INGREDIENT	LD50 / DRAIZE SCORE	TOXICITY / IRRITATION RATING
ACUTE ORAL TOXICITY Ethanol	> 5000 mg/kg (rat)	Practically Non-hazardous
ACUTE INHALATION TOXICITY Ethanol Butane \ Isobutane	20,000 ppm for 10H (rat) 658 mg/L/4H (rat)	Practically Non-hazardous Slightly Toxic

**Sensitization:**

This product is not considered a skin or respiratory sensitizer.

**Carcinogenicity:**

IARC classifies ethanol as "Human Sufficient Evidence" from chronic ingestion of alcoholic beverages.

**Mutagenicity:**

None of the ingredients in this product are known to cause mutagenicity.

**Reproductive/Fetal/Developmental effects:**

Ethanol crosses the placenta and can cause acute intoxication of the newborn or teratogenic effects, including fetal alcohol syndrome.

**Target organ toxicity:**

Ethanol consumption produces depressant effects in the central nervous system. Inhalation of aliphatic hydrocarbon gases may result in cardiac sensitization.

**Epidemiological information:**

None of the ingredients in this product are known to have health-related information in working populations.

### 12. ECOLOGICAL INFORMATION





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### 15. REGULATORY INFORMATION

#### Occupational Safety and Health Act:

Hazard Communication Rule, 29 CFR 1910.1200: The Occupational Safety and Health Administration (OSHA) require Material Safety Data Sheets (MSDSs) to provide information about any hazard that may be associated with the product and make this information available in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this MSDS may contain health hazard information not relevant to consumer use.

#### United States Regulatory Information

**Food and Drug Administration (FDA):** This product is regulated as a cosmetic under the Food and Drug Administration.

#### Federal regulations

**TSCA 8 (b) Inventory Status:** All components of this product are either listed on or exempt from the U.S. Toxic Substances Control Act (TSCA) chemical substance inventory.

**CERCLA/SARA Section 302 EHS:** Butane\Propane\Isobutane

**CERCLA/SARA Section 311/312:** Butane\Propane\Isobutane: Acute health effects \ Fire \ Sudden Release of Pressure

**CERCLA/SARA 313:** Not applicable - Consumer product.

#### State regulations

**California Proposition 65:** Ethanol in alcoholic beverages is listed for developmental effects.

#### Canada Regulatory Information

#### Canadian Environmental Protection Act:

**Inventory Status:** Some components of this product are not listed on the Canadian Domestic Substances List (DSL) nor the NDSL.

**Health Canada:** This product is regulated as a cosmetic product under the Cosmetics Programme.

#### Worker Hazardous Materials Information System:

**WHMIS Classification:** Flammable Liquid

### 16. OTHER INFORMATION

**DISCLAIMER:** The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Schwarzkopf & Henkel makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, Schwarzkopf & Henkel will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either expressed or implied of merchantability, fitness for a particular purpose or of any other nature is made hereunder with respect to the information set forth herein or to the product to which the information refers.

**NFPA RATINGS (Scale 0-4, where 4=high degree of hazard):**

HEALTH=1 FLAMMABILITY=3 REACTIVITY=0

**HMIS RATINGS (Scale 0-4, where 4=high degree of hazard):**

HEALTH=1 FLAMMABILITY=3 REACTIVITY=0