



Material Safety Data Sheet

MSDS No: 391410
Version 00.0

Creation Date: 03/28/2012
Revision Date: 00/00/0000

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: göt2b Defiant Define + Shine Pomade
Product Use: Hair Styling Paste
Product Number: 33181
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)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION:

This product is a thick orange gel with a characteristic odor. Direct contact with eyes may cause mild irritation. Prolonged exposure with skin may cause irritation. Ingestion of large amounts may cause abdominal discomfort, nausea or vomiting. No significant environmental effects. Not a fire hazard. Product is stable. Keep out of reach of children.

Regulatory Status:

While this product is not 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 may cause mild irritation.
Skin Contact: Prolonged exposure may cause irritation.
Ingestion: Ingestion of large amounts may cause abdominal discomfort, nausea or vomiting.
Inhalation: No significant effects or critical hazards.
Chronic Health Effects: Due to the nature and composition of this product no subchronic/ chronic health effects are anticipated.
Existing conditions aggravated by exposure: Pre-existing skin conditions.

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	w/w %
Polyethylene glycol monooleyl ether	9004-98-2	5 -10
Propylene Glycol	57-55-6	5 -10
Glycerin	56-81-5	5 -10

4. FIRST AID MEASURES

Eye Contact: In case of contact with eyes rinse with plenty of water. Get medical attention if irritation appears.
Skin Contact: Wipe off and flush area with water. Get medical attention if irritation appears.
Ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If irritation persists, get medical attention.
Inhalation: No particular measures required. Move to fresh air if irritation develops.
Notes to Physician: The physician's judgment should be used to control symptoms and clinical condition based on

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the individual reactions of the patient.

5. FIRE FIGHTING MEASURES

Flammable Properties:

Flash point:	> 200°F (> 93.3 °C)
Flame projection:	Not available
Autoignition temperature:	Not available
Flammable/Explosive limits - lower:	Not available
Flammable/Explosive limits - upper:	Not available
Hazardous combustion products:	Oxides of carbon and oxides of nitrogen.

Fire and Explosion Hazard

Negligible fire hazard when exposed to heat or flame.

Extinguishing Media

Dry chemical, carbon dioxide, water spray or regular foam.

Protection of Firefighters

Move container 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 a fog, solid streams may be ineffective. Avoid breathing vapors; keep upwind.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Stop or reduce any leaks if it is safe to do so. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic. Avoid contact with skin and eyes.

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: Sweep or scoop up and place into suitable clean, dry containers for reclamation or later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Sweep or scoop up. Dispose in suitable waste container. Keep unnecessary people away from spill.

7. HANDLING AND STORAGE

Handling:

Do not get in eyes, on skin, on clothing. Do not take internally. Keep the containers closed when not in use.

Storage:

Store in original containers in a cool dry area. Store away from excessive heat and incompatible substances. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

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
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Glycerin	10 mg/m ³ (mist)	TWA: 5 mg/m ³ (respirable fraction); 10 mg/m ³ (total mist)	N/A	N/A
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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 where mists or vapors may be generated.

Respirator: The use of a respirator is not required.

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: No special protection is required.

Gloves: No special protection is required.

Eye/face Protection: Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque white
Physical state:	Cream
Odor:	Characteristic
Odor threshold:	Not available
Boiling point/range:	Not available
Evaporation rate:	Not available
Melting point/ range:	Not available
Partition coefficient (n-octanol/water):	Not available
pH:	6.5 – 7.0 @ 25°C
Solubility in water:	Negligible
Specific gravity:	1.00 – 1.02 g/cm ³ @ 25°C
Vapor density:	Not available
Vapor pressure:	Not available
Viscosity:	6,000 – 7,000 mPa.s (Brookfield)
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 storing in direct sunlight and avoid extremes of temperature.

Incompatible Materials: Strong oxidizers, strong inorganic acids

Hazardous Decomposition Products: Thermal decomposition may release oxides of carbon.

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 mild irritation. Prolonged exposure with skin may cause irritation. Ingestion of large amounts may cause abdominal discomfort, nausea or vomiting.



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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		
Polyethylene glycol monooleyl ether	2,700 mg/kg (rat)	Toxic
Propylene Glycol	> 5000 mg/kg (rat)	Practically Non-hazardous
Glycerin	12,600 mg/kg (rat)	Non-hazardous
ACUTE DERMAL TOXICITY		
Propylene Glycol	> 5000 mg/kg (rat)	Practically Non-hazardous
Glycerin	> 10,000 mg/kg (rabbit)	Non-hazardous

Sensitization: This product is not considered a skin or respiratory sensitizer.

Carcinogenicity: None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).

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

Reproductive/Fetal/Developmental Effects: None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

Target Organ Toxicity: None of the ingredients in this product are known to have target organ toxicity.

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

12. ECOLOGICAL INFORMATION

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

PRODUCT / INGREDIENT	LC50/EC50 (ANIMAL SPECIE)	TOXICITY RATING
VERTEBRATES		
Glycerin	96-hr LC50: 51-57 mg/L (Oncorhynchus mykiss) (static)	Harmful
INVERTEBRATES		
Glycerin	72-hr EC50: > 500 mg/L (Daphnia magna)	Non-hazardous

Environmental Fate: No environmental fate data exists for the product. The product is anticipated to be biodegradable.

Persistence and Degradability: The product is anticipated to be biodegradable.

Bioaccumulation Potential: The product does not have a bioaccumulation potential.

Mobility: The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Waste Number and Description: Not applicable. Product is not regulated.

Disposal Considerations

Disposal of Product: This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.



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Disposal of Packages: Do not reuse this container.

Additional Information: Observe all federal, state and local regulations when storing or disposing of this substance.

14. TRANSPORT INFORMATION

DOT Transportation of Dangerous Goods - Ground

DOT Hazard Class: Not regulated
DOT Proper Shipping Name: Not applicable
UN/NA Number: Not applicable

Packing Group: Not applicable
Shipping Label Information: Not applicable

International Air Transportation (ICAO/IATA)

ICAO/IATA Hazard Class: Not regulated

ICAO/IATA Proper Shipping Name: Not applicable

Water Transportation (IMO/IMDG)

IMO/IMDG Hazard Class: Not regulated

IMO/IMDG Proper Shipping Name: Not applicable

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:

Not available

CERCLA/SARA Section 311/312:

Propylene glycol: Acute toxicity

CERCLA/SARA 313:

Not applicable - Consumer product.

State Regulations

California Proposition 65:

This product does not contain substances listed under California Proposition 65.

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:



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WHMIS Classification: Not subject to classification.

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

HEALTH=1 FLAMMABILITY=1 REACTIVITY=0
HEALTH=0 FLAMMABILITY=1 REACTIVITY=0