

H-153



Revision Number: 002.0

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1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier used on the label: göt2b Glued Blasting Freeze Spray
 göt2b Guardian Angel Humidity Shield Hairspray
 göt2b 2 Sexy Voluptuous Hairspray with Body 10 Lift Complex
 göt2b Rise 'N Shine Luminous Lift Hairspray
 göt2b Mind Blowing Fast Dry Hairspray
 got2b Mess-Merizing Hairspray

Other means of identification: 413785 (Blasting Freeze Spray), 483298 (Guardian Angel), 483314 (2Sexy), 483382 (Rise 'N Shine), 508689 (Mind Blowing); 2014911 (Mess-Merizing)

Recommended use of the chemical and restrictions on use: Hairspray, Aerosol, Do not use in confined spaces.

Name, address and telephone number of the chemical manufacturer:

The Dial Corporation, a Henkel Company
 7201 E. Henkel Way
 Scottsdale AZ 85255

CHEMTREC: 1-800-424-9300 (24 hours daily)
 Internet: www.henkelna.com

Emergency telephone number: Medical Emergencies: 1-888-689-9082

2. HAZARDS IDENTIFICATION

The hazards described in this OSHA Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE AEROSOL.	1
EYE IRRITATION	2A
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

Signal word: DANGER

Hazard Statement(s):

Extremely flammable aerosol.
 Causes serious eye irritation.
 May cause drowsiness or dizziness.

Symbol(s):



Precautionary Statements:

Prevention: Keep away from heat, sparks, open flames, hot surfaces - no smoking.
 Do not spray on an open flame or other ignition source.
 Do not pierce or burn, even after use.
 Avoid breathing mist or spray.
 Wash thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Wear eye and face protection.
 Wear protective gloves.

The Dial Corporation, a Henkel Company; 7201 E. Henkel Way; Scottsdale, AZ 85255-9672

Response: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.
 If eye irritation persists: Get medical attention.
 Take off contaminated clothing.

Storage: Store in a well-ventilated place. Keep container tightly closed.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Hazards not otherwise classified: Not available.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
Ethanol	64-17-5	30 - 60 %
1,1-Difluoroethane	75-37-6	30 - 60 %
Dimethyl ether	115-10-6	0 - 30 %
Glycerol	56-81-5	5 - 10 %

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

4. FIRST AID MEASURES

Description of necessary measures

Inhalation: Remove from exposure area to fresh air. Treat symptomatically and supportively.
Skin contact: First aid measures not required. Cosmetic product and therefore not necessary.
Eye contact: Rinse eyes with plenty of water until no evidence of product remains. Get medical attention if pain or irritation develops.
Ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Contact physician or local poison control center.

Most important symptoms and effects, both acute and delayed

After eye contact: May cause moderate to severe irritation. After skin contact: Repeated or prolonged excessive exposure may cause irritation or dermatitis. After ingestion: Not an anticipated route of exposure given the nature of the finished product. Nausea and possible vomiting may occur. After inhalation: Breathing high vapor concentrations may produce anesthetic effects, nausea, dizziness and headache.

Indication of any immediate medical attention and special treatment needed

After eye contact: Immediately rinse eyes with plenty of water for at least 15 minutes while holding eyelids open. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After ingestion: 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. After inhalation: Immediately remove from exposure area to fresh air. 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.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Alcohol resistant foam, dry chemical or carbon dioxide. For larger fires, flood with fine water spray or alcohol-resistant foam.

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical

Irritating smoke, carbon monoxide, and carbon dioxide.

Special protective equipment and precautions for fire-fighters

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 a fog. Cool product aerosol cans with flooding amounts of water from as far a distance as possible. Avoid breathing hazardous 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, protective equipment and emergency procedures

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 and materials for containment and cleaning 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

Precautions for safe handling

Do not get in eyes. Do not ingest. Use with adequate ventilation. Have emergency equipment (for fires, spills, leaks, etc.) readily available.

Conditions for safe storage, including any incompatibilities

Flammable liquid. Store in original containers in a cool dry area away from incompatible substances, excessive heat, flames, sparks or other ignition sources. Store in original containers in a cool dry area. 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Ethanol	1,000 ppm STEL	1,000 ppm (1,900 mg/m ³) PEL	None	None
1,1-Difluoroethane	None	None	1,000 ppm (2,700 mg/m ³) TWA	None
Dimethyl ether	None	None	1,000 ppm (1,880 mg/m ³) TWA	None
Glycerol	None	5 mg/m ³ PEL Respirable fraction. 15 mg/m ³ PEL Total dust.	None	None

Appropriate engineering controls

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.

Individual protection measures

Respiratory:	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.
Eye:	Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.
Hand/Body:	Protective gloves are required where repeated or prolonged skin contact may occur. Protective clothing is required where repeated or prolonged skin contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol colourless
Odor:	alcohol-like, floral, aquatic, woody
Odor threshold:	Not available.
pH:	Not available.
Melting point/ range:	Not available.
Boiling point/range:	Not available.
Flash point:	Not available.
Evaporation rate:	Not available.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Vapor pressure:	Not available.
Vapor density:	Not available.
Solubility in water:	Not available.
Partition coefficient (n-octanol/water):	Not available.
Autoignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
VOC content:	Not available.

10. STABILITY AND REACTIVITY

Reactivity:	This product may react with strong acids, bases and oxidizing agents.
Chemical stability:	Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).
Possibility of hazardous reactions:	Hazardous polymerization has not been reported to occur under normal temperatures and pressures.
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 place aerosol cans in trash compactor. Contents are under pressure; containers may violently rupture and travel a considerable distance. Do not permit physical damage or overheating of containers.
Incompatible materials:	Strong oxidizers and alkalies, chlorine, hypochlorites.
Hazardous decomposition products:	Thermal decomposition may produce irritating or poisonous gases.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation:	Breathing high vapor concentrations may produce anesthetic effects, nausea, dizziness, headache, weakness, peripheral drowsiness. Intentional inhalation of vapors from product may cause central nervous system effects and irritation of the throat and lungs with coughing.
Skin contact:	No adverse effects anticipated from normal use.
Eye contact:	May cause moderate to severe irritation.
Ingestion:	Ingestion of large quantities may be harmful. May cause mild gastrointestinal irritation with nausea, vomiting, diarrhea and abdominal pain.
Physical/Chemical:	The product is flammable.
Other relevant toxicity information:	This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use.

Numerical measures of toxicity, including delayed and immediate effect

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Ethanol	Oral LD50 (RAT) = 9,9 g/kg Oral LD50 (RAT) = 6,2 g/kg Oral LD50 (RAT) = 17,8 g/kg Oral LD50 (RAT) = 11,5 g/kg Oral LD50 (RAT) = 10,6 g/kg Oral LD50 (RAT) = 7.060 mg/kg Inhalation LC50 (RAT, 10 h) = 20000 ppm	Central nervous system, Irritant
1,1-Difluoroethane	None	Cardiac, Central nervous system, Developmental, Irritant, Respiratory
Dimethyl ether	Inhalation LC50 (RAT, 4 h) = 308,5 mg/l Inhalation LC50 (RAT, 4 h) = 164000 ppm	Irritant, Central nervous system
Glycerol	None	Blood, Irritant, Kidney, Nuisance dust

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Ethanol	No	No	No
1,1-Difluoroethane	No	No	No
Dimethyl ether	No	No	No
Glycerol	No	No	No

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.

Toxicity for reproduction

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

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

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.

Toxicity to fish:

The aquatic toxicity profile of this product has not been determined.

Toxicity to aquatic invertebrates:

The aquatic toxicity profile of this product has not been determined.

Toxicity to algae:

The aquatic toxicity profile of this product has not been determined.

Persistence and degradability

Hazardous substances CAS-No.	Result value	Route of application	Species	Method
Ethanol 64-17-5	readily biodegradable	aerobic	80 - 85 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

Bioaccumulative potential

The bioaccumulation potential of this product has not been determined.

Mobility in soil

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

13. DISPOSAL CONSIDERATIONS

Description of waste residues:

Hazardous waste number: D001 (Ignitability)

Safe handling and disposal methods:

Recommended method of disposal: This product is a RCRA characteristic (ignitable) hazardous waste and must be disposed of in a RCRA Subtitle C landfill.

Disposal of uncleaned packages: Do not reuse this container. Properly deaerosolize any intact containers before disposal. Dispose of container and unused contents in accordance with federal, state and local requirements

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: ORM-D, Consumer Commodity
Hazard class or division: Limited quantity
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Consumer Commodity
Hazard class or division: ID 8000
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Aerosols
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None

15. REGULATORY INFORMATION

Occupational safety and health act: Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act inventory.
TSCA 12 (b) Export Notification: None above reporting de minimis
CERCLA/SARA Section 302 EHS: None above reporting de minimis
CERCLA/SARA Section 311/312: Not available.
CERCLA/SARA Section 313: None above reporting de minimis
California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

This safety data sheet contains changes from the previous version in sections: 14

Prepared by: R&D Support Services

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