



Revision Number: 016.0

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

Product identifier used on the label: Right Guard® Sport Clear Gel Antiperspirant – Active, Cool/Triathlon, Fresh, Original, Victory
 Dry Idea® Advanced Dry Clear Gel Antiperspirant – Unscented, Powder Fresh, Fresh
 Dry Idea® Stress Shield Clear Gel Antiperspirant – Inspire
 Right Guard® Total Defense 5 Gel Antiperspirant – Fresh Blast, Arctic Refresh
 Right Guard® Xtreme Defense 5 Gel Antiperspirant – Fresh Blast, Arctic Refresh
 Right Guard® Xtreme Fresh Gel Antiperspirant – Energy, Exhilarate
 Right Guard® Xtreme Detect Gel Antiperspirant - Fresh Tech
 Right Guard® Xtreme Heat Shield Gel Antiperspirant – Mirage

Other means of identification: 1652429 (RG Sport Active); 1471825 (RG Sport Cool/Triathlon); 923095 (RG Sport Fresh); 1817003 (RG Sport Original); 1896520 (RG Sport Victory); 1345039 (DI Adv Dry Unscented); 1345038 (DI Adv Dry Powder Fresh); 1720273 (DI Adv Dry Fresh); 1900815 (DI Stress Shield Inspire); 1345036 (RG TD5 Fresh Blast); 1345035 (RG TD5 Arctic Refresh); 1910479 (RGX Defense 5 Fresh Blast); 1910408 (RGX Defense 5 Arctic Refresh); 1720314 (RGX Fresh Energy); 1816958 (RGX Fresh Exhilarate); 1827255 (RGX Detect Fresh Tech); 1916350 (RGX Heat Shield Mirage)

Recommended use of the chemical and restrictions on use: AP Gel, Do not use on broken skin.

Name, address and telephone number of the chemical manufacturer:

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

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

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

2. HAZARD 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 LIQUID	3
EYE IRRITATION	2B

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

Signal word: WARNING
Hazard Statement(s): Flammable liquid and vapor.
 Causes eye irritation.



Symbol(s):

Precautionary Statements:
Prevention: Keep away from heat, sparks, open flames, hot surfaces – no smoking.
 Keep container tightly closed.
 Use explosion-proof equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.

Response: Wear protective gloves, eye protection, and face protection.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.
 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower.
 If eye irritation persists: Get medical attention.
 In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.

Storage: Store in a well-ventilated place. Keep cool.
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 denatured	64-17-5	10 - 30%
Decamethylcyclopentasiloxane	541-02-6	5 - 10%
Propane-1,2-diol	57-55-6	5 - 10%
Decamethyltetrasiloxane	141-62-8	1 - 5%
Ca-chloride	10043-52-4	1 - 5%
Octamethyltrisiloxane	107-51-7	1 - 5%

*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: First aid measures not required.
Skin contact: First aid measures not required. Cosmetic product and therefore not necessary.
Eye contact: Rinse eyes immediately with plenty of water, occasionally lifting upper and lower lids, 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: Can cause mild to moderate eye irritation. After skin contact: No adverse effects anticipated from normal use.
After ingestion: Nausea and possible vomiting may occur. After inhalation: Unlikely to occur due to the physical properties of the product.

Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After ingestion: Dilution by rinsing the mouth and giving a glass of water to drink is generally recommended. After inhalation: Remove from exposure area to fresh air.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, carbon dioxide, water spray or regular foam.
Unsuitable extinguishing media: None known

Specific hazards arising from the chemical

Oxides of carbon and oxides of nitrogen.

Special protective equipment and precautions for fire-fighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. 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, solid streams may be ineffective. Avoid breathing hazardous vapors, keep upwind.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop or reduce any leaks if it is safe to do so. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic.

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: Pick up small spills with towels, tissue, etc. 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

No unusual handling requirements Do not get in eyes. Do not take internally.

Conditions for safe storage, including any incompatibilities

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

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	OSHA PEL	AIHA WEEL	OTHER
Ethanol denatured	1,000 ppm STEL	1,000 ppm (1,900 mg/m3) PEL	None	None
Decamethylcyclpentasiloxane	None	None	None	None
Propane-1,2-diol	None	None	10 mg/m3 TWA Aerosol.	None
Decamethyltetrasiloxane	None	None	None	None
Ca-chloride	None	None	None	None
Octamethyltrisiloxane	None	None	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:	gel
Odor:	distinct
Odor threshold:	Not available.
pH:	Not available.
Melting point/ range:	Not available.
Boiling point/range:	Not available.
Flash point:	41 °C (105.8 °F)
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:	Negligible
Partition coefficient (n-octanol/water):	Not available.
Autoignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	50,000 – 150,000 mPa.s
VOC content:	0
Specific gravity:	Not available.

10. STABILITY AND REACTIVITY

Reactivity: Not available.

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 storing in direct sunlight and avoid extremes of temperature.

Incompatible materials: Strong oxidizers.

Hazardous decomposition products: Thermal decomposition may release toxic and/or hazardous gases, including hydrogen chloride and silicon dioxide.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation: Not an anticipated route of exposure.
Skin contact: Not a hazard under normal use conditions.
Eye contact: Can cause mild to moderate eye irritation.
Ingestion: Nausea and possible vomiting may occur.
Physical/Chemical: No physical/chemical hazards are anticipated for this product.

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 denatured	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
Decamethylcyclopentasiloxane	None	Irritant
Propane-1,2-diol	Oral LD50 (RABBIT) = 18 g/kg Oral LD50 (RAT) = 30 g/kg	Irritant
Decamethyltetrasiloxane	None	No Data
Ca-chloride	Oral LD50 (RAT) = 1,000 mg/kg Oral LD50 (RAT) = 1,000 mg/kg Oral LD50 (RAT) > 1,000 mg/kg	Irritant
Octamethyltrisiloxane	None	Irritant

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Ethanol denatured	No	No	No
Decamethylcyclopentasiloxane	No	No	No
Propane-1,2-diol	No	No	No
Decamethyltetrasiloxane	No	No	No
Ca-chloride	No	No	No
Octamethyltrisiloxane	No	No	No

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.

Toxicity to reproduction None of the ingredients in this product are known to have reproductive, fetal, or developmental hazards.

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: The persistence and degradability of this product has not been determined. The hazardous ingredients are readily biodegradable.

Hazardous substances	Result value	Route of application	Species	Method
Propane-1,2-diol	Readily biodegradable	Aerobic	> 70%	OECD 301 A

Bioaccumulation Potential: The bioaccumulation potential of this product has not been determined.

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

13. DISPOSAL CONSIDERATIONS

Waste Number and Description: D001 (Ignitability)

Disposal Considerations:

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

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

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: Misc 9, Limited Quantity
Identification number: ID 8000
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Flammable liquid, n.o.s. (Ethyl Alcohol Solution)
Hazard class or division: 3, Limited Quantity
Identification number: UN 1993
Packing group: III

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: 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/NDSL 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: 2, 11, 12

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