



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

Product identifier used on the label: Right Guard® Sport Invisible Solid Antiperspirant – Active, Cool, Fresh, Unscented, Triathlon
 Right Guard® Xtreme Power Stripe Antiperspirant– Cool Peak, Energy, Fresh Blast, Refresh/Arctic Refresh, Fast Break
 Right Guard® Professional Strength – Ultimate Clean, Ultimate Fresh
 Right Guard® Clinical – Ultimate Clean, Ultimate Fresh
 Dry Idea® Clinical [Complete] – Unscented
 Dry Idea® Advanced Dry – Unscented, Powder Fresh, Cooling
 Right Guard® Total Defense 5 PowerStripe Antiperspirant– PowerPlay, Fresh Blast (Energy in Canada), Artic Refresh, Fast Break, Mineral Dry, Silver Matrix, Magnetic, Cooling, Fresh Blast Mini, Cooling Mini

Other means of identification: 1322770, 1475721, 1624505 (RG Sport Active); 1322767, 1466297 (RG Sport Cool); 1322768, 1466300, 1624468 (RG Sport Fresh); 1362665 (RG Unscented); 162450 (RG Triathlon); 923107 (RG Xtreme PS Cool Peak); 923106 (RG Xtreme PS Energy), 923108 (RG Xtreme PS Fresh Blast), 923105 (RG Xtreme PS Refresh/Arctic Refresh); 1241657 (RG Xtreme PS Fast Break); 1153532 (RG PS – Ultimate Clean); 1153531 (RG PS – Ultimate Fresh); 1210646 (RG Clinical – Ultimate Clean); 1210647 (RG Clinical – Ultimate Fresh); 1153530 (DI Clinical – Unscented); 1198030 (DI CC – Unscented); 1475722 (DI AD Unscented); 1475724 (DI AD PowderFresh); 1610656 (DI AD Cooling); 1345033, 1608958 (RG TD5 Powerstripe – Power Play); 1345032, 1608903 (RG TD5 Powerstripe – Fresh Blast; Energy in Canada); 1345031, 1608922 (RG TD5 Powerstripe Artic Refresh); 1345000 (RG TD5 Powerstripe Fast Break); 1533582, 1608980 (RG TD5 Powerstripe Mineral Dry); 1533490, 1608982 (RG TD5 Powerstripe Silver Matrix); 1589010, 1593249 (RG TD5 Powerstripe Magnetic); 1593784, 1594236 (RG TD5 Powerstripe Cooling); 1466240 (RG TD5 Powerstripe Fresh Blast Mini); 1593789 (RG TD5 Powerstripe Cooling Mini)

Recommended use of the chemical and restrictions on use: AP Stick, 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

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

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A

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): Causes skin irritation.
 Causes serious eye irritation.



Symbol(s):

Precautionary Statements:

Prevention: Wash thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear eye and face protection.
 Wear protective gloves.

Response: IF ON SKIN: Wash with plenty of soap and water.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.

Storage:
Disposal:

If skin irritation occurs: Get medical attention.
If eye irritation persists: Get medical attention.
Take off contaminated clothing.
Not prescribed.
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	Classification §1910.1200
Decamethylcyclopentasiloxane	541-02-6	30 - 60%	Eye irritation 2B Skin irritation 2
Octadecan-1-ol	112-92-5	10 - 30%	Eye irritation 2B Skin irritation 2
Polypropylenglycol (14) monobutylether	9003-13-8	5 - 10%	Eye irritation 2A Skin irritation 2 Chronic hazards to the aquatic environment 3
Castor oil, hydrogenated	8001-78-3	1 - 5%	Not a dangerous substance according to GHS.
Amorphous fumed silica	68611-44-9	1 - 5%	Not a dangerous substance according to GHS.
Castor oil	8001-79-4	1 - 5%	Eye irritation 2A Skin irritation 2
Cetyl alcohol	36653-82-4	0.1 - 1%	Eye irritation 2A Skin irritation 2 Skin Sensitization 1

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (l) 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: Rinse affected area with large amounts of mild soap and water until no evidence of product remains.

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 mild transient 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

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In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Avoid breathing vapors, keep upwind. Isolate area. Keep unnecessary personnel away.

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
Decamethylcyclopentasiloxane	None	None	None	None
Octadecan-1-ol	None	None	None	None
Polypropylenglycol (14) monobutylether	None	None	None	None
Castor oil, hydrogenated	None	None	None	None
Amorphous fumed silica	None	None	None	None
Castor oil	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: Safety glasses are required to prevent eye contact where dusty conditions 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:	solid
Odor:	distinct
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.

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Viscosity:
VOC content:

Not available.
Not available.

10. STABILITY AND REACTIVITY

- Reactivity:** This product may react with 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 storing in direct sunlight and avoid extremes of temperature.
- Incompatible materials:** Strong oxidizers, alkalis, acids.
- Hazardous decomposition products:** Thermal decomposition produce irritating smoke, carbon monoxide, and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

- Inhalation:** Not an anticipated route of exposure.
- Skin contact:** No adverse effects anticipated from normal use.
- 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
Decamethylcyclopentasiloxane	None	Irritant
Octadecan-1-ol	Oral LD50 (RAT) = 20 g/kg Oral LD50 (RAT) = > 5.000 mg/kg Dermal LD50 (RABBIT) = > 3 g/kg	Irritant, Allergen
Polypropylenglycol (14) monobutylether	Oral LD50 (RAT) = 5,84 g/kg Oral LD50 (RABBIT) = 3,30 g/kg Oral LD50 (RAT) = 9.100 mg/kg Oral LD50 (RABBIT) = 23.900 mg/kg Dermal LD50 (RABBIT) = 21 g/kg	Irritant
Castor oil, hydrogenated	None	No Target Organs
Amorphous fumed silica	None	No Target Organs
Castor oil	None	Irritant
Cetyl alcohol	Oral LD50 (RAT) = 5 g/kg	Irritant, Allergen

Carcinogenicity Information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Decamethylcyclopentasiloxane	No	No	No
Octadecan-1-ol	No	No	No
Polypropylenglycol (14) monobutylether	No	No	No
Castor oil, hydrogenated	No	No	No
Amorphous fumed silica	No	No	No
Castor oil	No	No	No
Cetyl alcohol	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 as 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:

Hazardous substances	Value type	Value	Acute toxicity study	Exposure time	Species	Method
Decamethylcyclopentasiloxane	LC50	> 200 mg/l	Fish	96 h	Leuciscus idus	OECD 203
Octadecan-1-ol	LC50	> 10,000 mg/l	Fish	96 h	Brachydanio rerio	NA
Polypropylenglycol (14) monobutylether	LC50	50 mg/l	Fish	96 h	Pimephales promelas	NA
Castor oil, hydrogenated	LC50	> 10,000 mg/l	Fish	96 h	Brachydanio rerio	ISO 7346-1
Silane, dichlorodimethyl-, reaction products with silica	LC50	> 10,000 mg/l	Fish	96 h	Brachydanio rerio	OECD 203
Castor oil	LC50	> 1,000 mg/l	Fish	NA	Brachydanio rerio	OECD 203
Cetyl alcohol	LC50	> 9,800 mg/l	Fish	96 h	Brachydanio rerio	NA

Toxicity to aquatic invertebrates:

Hazardous substances	Value type	Value	Acute toxicity study	Exposure time	Species	Method
Octadecan-1-ol	EC50	1,666 mg/l	Daphnia	48 h	Daphnia magna	NA
Polypropylenglycol (14) monobutylether	EC50	95 mg/l	Daphnia	48 h	Daphnia magna	NA
Silane, dichlorodimethyl-, reaction products with silica	EC50	> 10,000 mg/l	Daphnia	24 h	Daphnia magna	OECD 202

Toxicity to algae:

Hazardous substances	Value type	Value	Acute toxicity study	Exposure time	Species	Method
Octadecan-1-ol	EC50	235 mg/l	Algae	96 h	Scenedesmus subspicatus	DIN 38412-09
Silane, dichlorodimethyl-, reaction products with silica	EC50	> 10,000 mg/l	Algae	NA	NA	OECD 201
Cetyl alcohol	EC50	> 980 mg/l	Algae	72 h	Scenedesmus subspicatus	DIN 38412-09

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
Octadecan-1-ol	NA	aerobic	38 – 69 %	EU C.4-E
Castor oil, hydrogenated	Readily biodegradable, but failing 10-day window	aerobic	64 %	ISO 10708
Silane, dichlorodimethyl-, reaction products with silica	under test conditions no biodegradation observed	NA	0%	OECD 301 A – F
Castor oil	Readily biodegradable, but failing 10-day window	aerobic	64 %	ISO 10708
Cetyl alcohol	NA	aerobic	82.4 %	OECD 301 E

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: Not regulated

Disposal Considerations:

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

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 transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

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

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None

Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

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:

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: New Safety Data Sheet format.

Prepared by: R&D Support Services

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