

W-153



Revision Number: 005.0

Issue date: 04/14/2015

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

**Product identifier used on the label:** Scented Oil Electric Refill By Renuzit® - After the Rain, Apple & Cinnamon, Vanilla Delight, Holiday Cookie, Dream Garden, Hawaiian Sunset, Tahitian Breeze, Lavender & Vanilla, SON Pure Breeze/ Relaxing Waves, Northern Pine, Autumn Apple Punch

**Other means of identification:** 1602017 (SON After The Rain); 1595236 (Apple & Cinnamon); 1595235 (Vanilla Delight, Holiday Cookie); 1599138 (Dream Garden); 1599137 (Hawaiian Sunset); 1599138 (Tahitian Breeze); 1599136 (Lavender & Vanilla); 1599121 (SON Pure Breeze/Relaxing Waves); 1805163 (Northern Pine); 1595236 (Autumn Apple Punch)

**Recommended use of the chemical and restrictions on use:** Scented oil, electric, Do not use in the eyes.

**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 LIQUID	4
EYE IRRITATION	2A
SKIN SENSITIZATION	1
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	2

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):**

Combustible liquid.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause damage to organs through prolonged or repeated exposure.

**Symbol(s):**



**Precautionary Statements:**

**Prevention:** Keep away from heat, sparks, open flames, hot surfaces - no smoking.  
Do not breathe vapors, mist, or spray.  
Wash thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves, eye protection, and face protection.

**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.  
 Get medical attention if you feel unwell.  
 If skin irritation or rash occurs: Get medical attention.  
 If eye irritation persists: Get medical attention.  
 Wash contaminated clothing before reuse.  
 In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.  
 Collect spillage.

**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
D-Limonene	5989-27-5	1 - 5 %
Dimethyl-2,7-Octadien-6-ol, 2,6-Terpineol	78-70-6	1 - 5 %
2-Phenylethanol	8000-41-7	1 - 5 %
2,6-Dimethyloct-7-en-2-ol	60-12-8	1 - 5 %
Allyl hexanoate	18479-58-8	1 - 5 %
Heptanal, 2-(Phenylmethylene)	123-68-2	1 - 5 %
Phenethyl acetate	122-40-7	1 - 5 %
Phenol, 2-Methoxy-4-(2-Propenyl)-	103-45-7	1 - 5 %
Ethyl 2,3-epoxy-3-phenylbutyrate	97-53-0	0.1 - 1 %
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	77-83-8	0.1 - 1 %
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	68039-49-6	0.1 - 1 %
	54464-57-2	0.1 - 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 (i) of §1910.1200.

### 4. FIRST AID MEASURES

#### Description of necessary measures

**Inhalation:** Remove from exposure area to fresh air. Contact physician or local poison control center.

**Skin contact:** Rinse affected area with large amounts of water until no evidence of product remains. Get medical attention if irritation persists.

**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 persist.

**Ingestion:** Dilution by rinsing the mouth and giving a glass of water to drink is generally recommended. Contact physician or local poison control center.

#### Most important symptoms and effects, both acute and delayed

After eye contact: Fragrance oil may cause moderate to severe irritation. After skin contact: Repeated or prolonged excessive exposure may cause irritation or sensitization dermatitis in previously exposed individuals. After inhalation: Vapors may cause irritation of the nose, throat, and respiratory tract. Breathing high vapor concentrations may produce anesthetic effects, nausea, dizziness, headache. After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting. Vomit may get into the lungs causing damage (aspiration).

#### 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. Get medical attention if pain or irritation persist. After skin contact: Rinse affected area with large amounts of mild soap and water until no evidence of product remains. Get medical attention if pain or irritation develops. After inhalation: Immediately remove from exposure area to fresh air After ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Get medical attention immediately.

## 5. FIRE FIGHTING MEASURES

### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Use water, dry alcohol-type or all-purpose foam, dry chemical, carbon dioxide.

**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. In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. 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 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. Ensure clean-up is conducted by trained personnel only. 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 water treatment plant.

### Methods and materials for containment and cleaning up

Shut off ignition sources. No smoking, flames or flares in hazard area. Ventilate closed spaces before entering. **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, on skin, on clothing. Do not ingest. Use with adequate ventilation. Avoid generating aerosols and mists. Keep the containers closed when not in use.

### Conditions for safe storage, including any incompatibilities

Store in original containers in a cool dry area. Store away from incompatible substances, excessive heat, flames, sparks or other ignition sources. Do not place refill on finished wood surfaces. 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 TLV	OSHA PEL	AIHA WEEL	OTHER
D-Limonene	None	None	30 ppm (165,5 mg/m3) TWA	None
Dimethyl-2,7-Octadien-6-ol, 2,6-	None	None	None	None
2-Phenylethanol	None	None	None	None
Phenethyl acetate	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

<b>Respiratory:</b>	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 new phrases contact global IRIS team
<b>Eye:</b>	Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.
<b>Hand/Body:</b>	Chemical-resistant 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

<b>Appearance:</b>	liquid yellow, dark yellow
<b>Odor:</b>	fruity, floral
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	Not available.
<b>Melting point/ range:</b>	Not available.
<b>Boiling point/range:</b>	Not available.
<b>Flash point:</b>	69 °C (156.2 °F) Supplier method
<b>Evaporation rate:</b>	Not available.
<b>Flammable/Explosive limits - lower:</b>	Not available.
<b>Flammable/Explosive limits - upper:</b>	Not available.
<b>Vapor pressure:</b>	Not available.
<b>Vapor density:</b>	Not available.
<b>Solubility in water:</b>	Not available.
<b>Partition coefficient (n-octanol/water):</b>	Not available.
<b>Autoignition temperature:</b>	Not available.
<b>Decomposition temperature:</b>	Not available.
<b>Viscosity:</b>	Not available.
<b>VOC content:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	This product may react with strong acids, bases and oxidizing agents.
<b>Chemical stability:</b>	Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization has not been reported to occur under normal temperatures and pressures.
<b>Conditions to avoid:</b>	Avoid storing in direct sunlight and avoid excessive heat.
<b>Incompatible materials:</b>	Strong oxidizers, alkalis, acids.
<b>Hazardous decomposition products:</b>	Thermal decomposition may produce irritating smoke, carbon monoxide, and carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Likely routes of exposure including symptoms related to characteristics

<b>Inhalation:</b>	Breathing high vapor concentrations may produce anesthetic effects, nausea, dizziness, headache, weakness, peripheral drowsiness.
<b>Skin contact:</b>	Repeated or prolonged excessive exposure may cause irritation or sensitization dermatitis in previously exposed individuals.
<b>Eye contact:</b>	May cause moderate to severe irritation.
<b>Ingestion:</b>	Ingestion of large quantities may cause gastrointestinal irritation with nausea, vomiting and diarrhea.
<b>Physical/Chemical:</b>	Aspiration of oil may cause severe health effects or death.
<b>Other relevant toxicity information:</b>	This product is a household 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
D-Limonene	None	Irritant
Dimethyl-2,7-Octadien-6-ol, 2,6-	Dermal LD50 (RAT) = 5.610 mg/kg Dermal LD50 (RABBIT) = 2.000 mg/kg	No Data
Terpineol	None	Respiratory, Allergen
2-Phenylethanol	Oral LD50 (RAT) = 1,79 g/kg	No Data
2,6-Dimethyloct-7-en-2-ol	None	Irritant
Allyl hexanoate	None	No Data
Heptanal, 2-(Phenylmethylene)	None	Irritant
Phenethyl acetate	None	No Data
Phenol, 2-Methoxy-4-(2-Propenyl)-	Oral LD50 (RAT) = 1.930 mg/kg	Irritant, Allergen, Kidney, Liver
Ethyl 2,3-epoxy-3-phenylbutyrate	None	No Data
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	None	No Data
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	None	No Data

**Carcinogenicity information**

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
D-Limonene	No	No	No
Dimethyl-2,7-Octadien-6-ol, 2,6-	No	No	No
Terpineol	No	No	No
2-Phenylethanol	No	No	No
2,6-Dimethyloct-7-en-2-ol	No	No	No
Allyl hexanoate	No	No	No
Heptanal, 2-(Phenylmethylene)	No	No	No
Phenethyl acetate	No	No	No
Phenol, 2-Methoxy-4-(2-Propenyl)-	No	No	No
Ethyl 2,3-epoxy-3-phenylbutyrate	No	No	No
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	No	No	No
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	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 for reproduction**

None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

**12. ECOLOGICAL INFORMATION**

**Aquatic Toxicity:**

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
Limonene 5989-27-5	readily biodegradable		41 - 98 %	OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))
Linalool 78-70-6	readily biodegradable	aerobic	> 97,1 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Terpineol 8000-41-7	readily biodegradable	aerobic	100 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
2-Phenylethanol 60-12-8	readily biodegradable	aerobic	100 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
7-Octen-2-ol, 2,6-dimethyl- 18479-58-8	readily biodegradable	aerobic	72,1 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Allyl hexanoate 123-68-2	readily biodegradable	aerobic	70 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Amyl cinnamal 122-40-7	readily biodegradable	aerobic	90 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Phenethyl acetate 103-45-7	readily biodegradable	aerobic	> 60 %	OECD 301 A - F
Phenol, 2-Methoxy-4-(2-Propenyl)- 97-53-0	readily biodegradable	aerobic	82 %	OECD 301 A - F
Ethyl 2,3-epoxy-3-phenylbutyrate 77-83-8		aerobic	34 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Tetramethyl Acetyloctahydronaphthalenes 54464-57-2		aerobic	0 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry 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:** Not regulated

**Safe handling and disposal methods:**

**Recommended method of disposal:** This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.

**Disposal of uncleaned packages:** Do not reuse this container.

**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, Limited Quantity  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**International Air Transportation (ICAO/IATA)**

**Proper shipping name:** ID 8000 - Consumer Commodity  
**Hazard class or division:** Misc 9 Limited Quantity  
**Identification number:** None  
**Packing group:** None

**Water Transportation (IMO/IMDG)**

**Proper shipping name:** Flammable Liquid N.O.S.(Concentrated Perfume Oil)  
**Hazard class or division:** 3 Limited Quantity  
**Identification number:** UN 1993  
**Packing group:** III

<b>15. REGULATORY INFORMATION</b>
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**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/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

<b>16. OTHER INFORMATION</b>
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**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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