



Revision Number: 019.0

Issue Date: 08/06/2014

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

Product identifier used on the label:

Dial Complete® Antibacterial Foaming Hand Wash – Original (Snowman, Candy Cane, Gift, Santa)
 Dial Complete® Antibacterial Foaming Hand Wash – Soothing White Tea (Winter White Tea)
 Dial Complete® Antibacterial Foaming Hand Wash – Cranberry (Iced Cranberry, Holly Berries)
 Dial Complete® Antibacterial Foaming Hand Wash – Spring Water, Coconut Water, Power Berries
 Dial Complete® Antibacterial Foaming Lotion Hand Wash – Fresh Pear (Frosted Pear)
 Dial Complete® Antibacterial Foaming Lotion Hand Wash – Cool Plum (Sugar Plum)
 Dial Complete® Antibacterial Foaming Lotion Hand Wash – Kitchen w/Light Citrus
 Dial Complete® Antibacterial Foaming Lotion Hand Soap – For Foodservice
 Dial Hello Kitty Antibacterial Foaming Hand Wash
 Dial Winter Wonderland Foaming Hand Wash
 Dial Holiday Vanilla Foaming Hand Wash

Other means of identification:

1308464, 1048472, 1632047, 1680187 (Original, Snowman, Candy Cane, Gift, Santa); 1352910, 1138978, 1632448, 1680323 (Soothing White Tea, Winter White Tea); 1352909, 1261581, 1632044, 1680208 (Cranberry, Iced Cranberry, Holly Berries); 1627800, 1632539, 1680563, 1748778 (Spring Water); 1709282, 1786857 (Coconut Water); 1757654 (Power Berries); 1308465, 1121765, 1632390, 1680250 (Fresh Pear, Frosted Pear); 1308466, 1121766, 1632225, 1680239, 1714684 (Cool Plum, Sugar Plum); 1352911, 1121763, 1632412, 1680299 (Kitchen w/Light Citrus); 967063 (For Foodservice); 1578292, 1588532, 1632531, 1680528 (Hello Kitty); 1590288, 1590286, 1632483, 1680505 (Winter Wonderland); 1590248, 1590272, 1632501, 1680524 (Holiday Vanilla)

Recommended use of the chemical and restrictions on use: Liquid Antibacterial Hand Soap; No restrictions on use

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: Avoid breathing vapors, mist, or spray.
 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.
 If skin irritation or rash occurs: Get medical attention.
 If eye irritation persists: Get medical attention.
 Take off contaminated clothing.

Storage: Not prescribed
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	Classification §1910.1200
Sodium xylene sulfonate	1300-72-7	10 – 30 %	Eye irritation 2A Skin irritation 2
Oxydipropanol	25265-71-8	5 – 10 %	Eye irritation 2A Skin irritation 2 Specific target organ toxicity – single exposure 3
Glycerol	56-81-5	1 - 5 %	Eye irritation 2A
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	61789-40-0	0.1 – 1 %	Eye irritation 2A Skin irritation 2 Skin Sensitization 1 Chronic hazards to the aquatic environment 3
Methyl 4-hydroxybenzoate	99-76-3	0.1 – 1 %	Eye irritation 2A Skin irritation 2 Skin Sensitization 1 Chronic hazards to the aquatic environment 3

*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: Rinse affected area with large amounts of mild soap and water until no evidence of product remains. Discontinue exposure. 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 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: Nausea and possible vomiting may occur. After inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation.

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 large amounts of 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

Irritating smoke, carbon monoxide, and carbon dioxide.

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. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Isolate area. Keep unnecessary personnel away. 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 leak if you can do it without risk. 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 sewer or other liquid waste system. For larger quantities check with your local water treatment plant.

Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with sand or other absorbent material and place into clean, dry 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 take internally. Use with adequate ventilation. Avoid generating aerosols and mists.

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
Glycerol	None	5 mg/m3 PEL Respirable fraction. 15 mg/m3 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: 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:	liquid, colored
Odor:	floral, fruity, green.
Odor threshold:	Not available
pH:	5.50 - 6.50 (25 °C)
Melting point/ range:	Not available.
Boiling point/range:	Not available.
Flash point:	> 93.3 °C (> 199.94 °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:	Soluble
Partition coefficient (n-octanol/water):	Not available.
Autoignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
VOC content:	Not available.
Specific gravity:	Not available.

10. STABILITY AND REACTIVITY

Reactivity: This product may react with strong alkalis.

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 and alkalis.

Hazardous decomposition products: Thermal decomposition may release toxic and/or hazardous gases, including ammonia.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation: Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation.

Skin contact: Repeated or prolonged excessive exposure may cause irritation or dermatitis.

Eye contact: May cause moderate to severe irritation.

Ingestion: May cause mild gastrointestinal irritation with nausea, vomiting, diarrhea and abdominal pain.

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
Sodium xylene sulfocate	None	Irritant
Oxydipropanol	None	Central nervous system, Irritant
Glycerol	None	Blood, Irritant, Kidney, Nuisance dust
1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	None	Irritant, Allergen
Methyl 4-hydroxybenzoate	Oral LD50 (RABBIT) = 6.0 g/kg	Irritant, Allergen

Carcinogenicity information

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Sodium xylene sulfocate	No	No	No
Oxydipropanol	No	No	No
Glycerol	No	No	No
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	No	No	No
Methyl 4-hydroxybenzoate	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:

Hazardous substances	Value type	Value	Acute toxicity study	Exposure time	Species	Method
Sodium xylene sulfocate	LC50	> 184 mg/l	Fish	48 h	Leuciscus idus	DIN 38412-15
Oxydipropanol	LC50	> 100 mg/l	Fish	96 h	Leuciscus idus	OECD 203
Glycerol	LC50	> 250 mg/l	Fish	48 h	Leuciscus idus	DIN 38412-15
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	LC50	6.7 mg/l	Fish	96 h	Danio rerio)	ISO 7346-1
Methyl 4-hydroxybenzoate	LC50	> 58 mg/l	Fish	48 h	Leuciscus idus	OECD 203

Toxicity to aquatic invertebrates:

Hazardous substances	Value type	Value	Acute toxicity study	Exposure time	Species	Method
Sodium xylene sulfocate	EC50	3.1 mg/l	Daphnia	24 h	Daphnia magna	
Oxydipropanol	EC50	3.7 mg/l	Daphnia	48 h	Daphnia magna	OECD 202

Glycerol	EC50	> 10000 mg/l	Daphnia	24 h	Daphnia magna	OECD 202
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	EC50	3.7 mg/l	Daphnia	24 h	Daphnia magna	OECD 202
Methyl 4-hydroxybenzoate	EC50	11.2 mg/l	Daphnia	48 h	Daphnia magna	ISO 6341 15

Toxicity to algae:

Hazardous substances	Value type	Value	Acute toxicity study	Exposure time	Species	Method
Sodium xylene suffocate	EC50	> 1000 mg/l	Algae			OECD 201
Glycerol	EC50	> 10000 mg/l	Algae	96 h	Selenastrum quadricuada	OECD 201
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	EC50	2.6 mg/l	Algae	72 h	Scenedesmus subspicatus	OECD 201
Methyl 4-hydroxybenzoate	EC50	91 mg/l	Algae	72 h	Pseudokirchnerella subcapitata	ISO 8692

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
Sodium xylene suffocate	Readily biodegradable	aerobic	88 %	OECD 301 B (CO2 evolution)
Oxydipropanol	Readily biodegradable	aerobic	64.5 %	OECD 301 F (Respirometry)
Glycerol	Readily biodegradable	aerobic	90 – 94 %	EU Method C.4-E (closed bottle)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	Readily biodegradable	aerobic	86 %	OECD 301 D (closed bottle)
Methyl 4-hydroxybenzoate	Readily biodegradable	aerobic	92 %	OECD 301 F (Respirometry)

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 applicable, 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: Place in trash.

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: Environmentally hazardous substance, liquid, N.O.S. (Triclosan)

Hazard class or division: 9

Identification number: UN 3082

Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: Environmentally hazardous substance, liquid, N.O.S. (Triclosan)

Hazard class or division: 9

Identification number: UN 3082

Packing group: III

Marine pollutant: Triclosan

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: The following components are subject to reporting levels established by SARA Title III, Section 302: Formaldehyde (CAS# 50-00-0).

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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