Revision Number: 009.0 **Issue Date:** 04/20/2015

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

Product identifier used on the label: Purex® Natural Elements Ultraconcentrated Liquid Laundry Detergent – Apple & Melon
Purex® Natural Elements Ultraconcentrated Liquid Laundry Detergent – Linen & Lilies
Purex® Triple Action Detergent – Linen & Lilies
Purex® Natural Elements Ultraconcentrated Liquid Laundry Detergent – Citrus & Aloe
Purex® Natural Elements Ultraconcentrated Liquid Laundry Detergent – Tropical Splash
Purex® Natural Elements Ultraconcentrated Liquid Laundry Detergent for High Efficiency HE Washers – Lilac & White Lavender
Purex® Triple Action Detergent – Lilac & White Lavender
Purex® ColdWater Ultraconcentrated Liquid Laundry Detergent – Alpine Fresh
Purex® No Sort Ultraconcentrated Liquid Laundry Detergent – Fresh Scent

Other means of identification: 1045630, 1290861, 1634802 (Apple & Melon); 1045629, 1272076, 1634772 (Linen & Lilies); 1304152, 1327241, 1634803 (Citrus & Aloe); 1615471, 1615449, 1634813 (Tropical Splash); 1146087, 1272074, 1634807 (HE - Lilac & White Lavender); 1578871, 1579258, 1634600 (ColdWater – Alpine Fresh); 1857120, 1854009 (No Sort Fresh Scent)

Recommended use of the chemical and restrictions on use: heavy duty detergent, 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: Wash thoroughly after handling.
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 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
Alcohols, C10-16, ethoxylated, sulfates, sodium salts, 2EO	68585-34-2	5 - 10%
Sodium chloride	7647-14-5	1 - 5%
Alcohols, C12-18, 7EO.	68213-23-0	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: 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 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: Temporary irritation of the skin (redness, swelling, burning). After inhalation: 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.

Indication of any immediate medical attention and special treatment needed

After eye contact: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. After skin contact: Rinse affected area with large amounts of mild soap and water until no evidence of product remains. After inhalation: Remove from exposure area to fresh air. After ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended.

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

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 Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Avoid breathing vapors, keep upwind. 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. 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 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 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 on eyes or skin. 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 away from incompatible substances, excessive heat, flames, sparks or other ignition sources. 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
Alcohols, C10-16, ethoxylated, sulfates, sodium salts, 2EO	None	None	None	None
Sodium chloride	None	None	None	None

Appropriate engineering controls
Provide local exhaust or general dilution ventilation to keep potential exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures

Respiratory: 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).

Eye: Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.

Hand/Body: 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

Appearance: liquid, colorless
Odor: floral
Odor threshold: Not available.
pH: 6.8 - 7.8 (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: Not available.
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 alkalies.

Chemical stability: Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

Possibility of hazardous reactions: Hazardous polymerization does not occur under normal temperatures and pressures.

Conditions to avoid: Avoid storing in direct sunlight, avoid extremes of temperature, avoid contact with incompatible substances.

Incompatible materials: Strong oxidizers and alkalies.

Hazardous decomposition products: Thermal decomposition products may include oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure including symptoms related to characteristics

Inhalation: Unlikely to occur due to the physical properties of the product. Inhalation of product mist may cause irritation of the nose, throat, and respiratory tract.
Skin contact: Repeated or prolonged excessive exposure may cause irritation or dermatitis.
Eye contact: This product may cause irritation with stinging, tearing, and redness.
Ingestion: Ingestion of large quantities may cause gastrointestinal irritation with nausea, vomiting and diarrhea.
Physical/Chemical: No physical/chemical hazards are anticipated for this product.

Other relevant toxicity information:
This product is a laundry care 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
Alcohols, C10-16, ethoxylated, sulfates, sodium salts, 2EO	None	Irritant
Sodium chloride	Oral LD50 (RAT) = 3.000 mg/kg	Irritant
Alcohols, C12-18, 7EO	None	Central nervous system, Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Alcohols, C10-16, ethoxylated, sulfates, sodium salts, 2EO	No	No	No
Sodium chloride	No	No	No
Alcohols, C12-18, 7EO	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. This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions.

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	Result value	Route of application	Species	Method
Alcohols, C10-16, ethoxylated, sulfates, sodium salts, 2EO	readily biodegradable	aerobic	80 - 83 %	OECD 301
Alcohols, C12-18, ethoxylated	readily biodegradable	aerobic	79 %	OECD 301

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

Disposal Considerations: Not regulated

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: Dispose of container and unused contents in accordance with federal, state and local requirements.

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 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 of this product are either listed on or exempt from the U.S. Toxic Substances Control Act (TSCA) chemical substance 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: This product does not contain substances listed under California Proposition 65.

Canada Regulatory Information:

Canadian Environmental Protection Act:
Inventory Status: All components of this product are listed on either the Canadian Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL).

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: 12

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