



Material Safety Data Sheet D-129

Revision 01.0

Revision Date: 05/12/2014

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name(s): Soft Scrub® 4-in-1 Automatic Toilet Bowl Cleaner – Sapphire Waters, Alpine Fresh
Product Use: WC Power Active
Formula IDH Number(s): 1734778 (SS Sapphire Waters); 1735715 (SS Alpine Fresh); 1578918 (Lemon)
Company Address: The Dial Corporation, a Henkel Company; 19001 N Scottsdale Road; Scottsdale, AZ 85255-9672 USA
Contact Information: Medical Emergencies: 1-888-689-9082 CHEMTREC: 1-800-424-9300 (24 hours daily)

SECTION 2: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: This product is a set of pearls in a hunger. Direct contact with eyes may cause severe irritation with possible eye injury if not removed promptly. Repeated or prolonged excessive exposure with skin causes irritation with redness, or dermatitis. Harmful if swallowed. It may also cause gastrointestinal disturbances such as nausea, vomiting, abdominal pain, and diarrhea. Dust residues may cause irritation of mucous membranes. Keep out of reach of children. No significant environmental effects. Not a fire hazard. Product is stable.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission. The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this Material Safety Data Sheet differ from the requirements of the CPSC and as a result, this MSDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

Regulatory Status: This material is considered to be hazardous under OSHA's Hazard Communication Standard (29 CFR 1900.1200). This MSDS should be retained and available for employees and other users of this product.

Potential Health Effects

NOTE: The acute health effects described below are those which could potentially occur for the finished product. They are based on the toxicology information available for the finished product and/or each hazardous ingredient, and are consistent with the product type and the likelihood of a specific route of exposure. Known chronic health effects related to exposure to a specific ingredient are indicated.

Eye Contact: Direct contact with neat product may cause moderate-to-severe eye irritation.

Skin Contact: Repeated or prolonged excessive exposure can cause mild skin irritation.

Ingestion: Ingestion of large amounts may cause some gastrointestinal discomfort including nausea, vomiting, abdominal pain, diarrhea, and lethargy.

Inhalation: Dusts are Irritating, in high concentration, to the respiratory tract (nose, throat, and lungs).

Subchronic/Chronic Health Effects: None known.

Medical Conditions Generally Recognized As Being Aggravated By Exposure: Pre-existing chronic skin conditions.

Potential Environmental Effects

See Section 12: Ecological Information.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Based on our hazard evaluation, the following chemical substance(s) in this product have been identified as hazardous.

| <u>Ingredient</u> | <u>CAS Number</u> | <u>Percent (w/w)</u> |
|------------------------------|----------------------|----------------------|
| Sodium sulfate / carbonate | 7757-82-6 / 497-19-8 | 60 – 100 % |
| Sodium alkylbenzenesulfonate | 68411-30-3 | 10 – 30 % |
| Sodium olefinsulfonate | 68439-57-6 | 10 – 30 % |
| Alcohol ethoxylate | 61791-28-4 | 5 – 10 % |

SECTION 4: FIRST AID MEASURES

Eyes: Immediately rinse eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation persists.

Skin: Rinse skin with plenty of water for 15-20 minutes. Get medical attention if irritation persists.

Ingestion: Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.

Inhalation: Remove from exposure area to fresh air immediately. Keep affected person warm and at rest. Treat symptomatically and supportively. Contact physician or local poison control center. If breathing has stopped, give artificial respiration, and get medical attention immediately.

Note to Physician: The physician's judgment should be used to control symptoms and clinical condition based on the individual reactions of the patient.

SECTION 5: FIRE FIGHTING MEASURES

Flammable Properties

| | | | |
|-------------------------------------|--------------------------------|-------------------------------------|---------------|
| OSHA Flammability Classification: | Not applicable | Flash Point: | None |
| Auto-Ignition Temperature: | Not applicable | Flame Projection: | Not available |
| Flammable/Explosive limits – lower: | Not available | Flammable/Explosive limits – upper: | Not available |
| Hazardous Combustion Products: | Oxides of carbon and nitrogen. | | |

Fire and Explosion Hazard: Negligible fire hazard when exposed to heat or flame.

Extinguishing Media

Dry chemical, carbon dioxide, water spray or regular foam.

Protection of Firefighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Move container 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Ventilate spill area if possible. Do not touch spilled material. Stop or reduce any leaks if it is safe to do so. Use personal protective equipment recommended in Section 8. Notify appropriate government, occupational health and safety and environmental authorities. Keep unnecessary people away; isolate hazard area and restrict entry. Ensure clean-up is conducted by trained personnel only.

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 for Containment and Clean-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. No smoking, flames or flares in hazard area.

SECTION 7: HANDLING AND STORAGE

Handling: Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Avoid generating aerosols and mists. Keep the containers closed when not in use. Have emergency equipment (for fires, spills, leaks, etc.) readily available.

Storage: Store in a cool, dry, ventilated area out of reach of children and away from sources of heat, moisture, and incompatible substances. Store in suitable labeled containers. Store the containers tightly closed when not in use.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

This product is a household product. The use of this product by consumers is safe under normal and reasonable foreseen use. The information provided below refers to the occupational settings.

Worker Exposure Limits

| Ingredient | ACGIH TLV | OSHA PEL | AIHA WEEL | NIOSH |
|-------------------------------|---|--|-----------|-------|
| Softener Dust (Particles NOS) | TWA: 10 mg/m ³ (inhalable), 3 mg/m ³ (respirable) | 15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction) | N/A | N/A |

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.

Respirator:

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. 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 Fire Fighting and Other Immediately Dangerous To Life or Health Conditions:

| | | |
|--|------------|-------------|
| The Dial Corporation, a Henkel Company; 19001 N Scottsdale Road; Scottsdale, AZ 85255-9672 USA | | |
| Soft Scrub® Toilet Bowl Cleaner | 05/12/2014 | Page 2 of 5 |

Soft Scrub® Toilet Bowl Cleaner / Bref Toilet Care**MSDS D-129 (Rev. 1)**

Any self-contained breathing apparatus that has a full-face piece and is operated in a pressure-demand or other positive-pressure mode. Any supplied-air respirator that has a full-face piece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure demand or other positive-pressure mode.

Clothing: Protective clothing is required where repeated or prolonged skin contact may occur.

Gloves: Chemical-resistant gloves are required where repeated or prolonged skin contact may occur.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--|--------------------------|----------------------|---------------|
| Appearance: | Colorful pearls | Physical state: | Solid |
| Odor: | Pleasant, citric | Odor threshold: | None |
| Boiling point: | Not available | Evaporation rate: | Not available |
| Melting point: | Not available | Vapor density: | Not available |
| Specific gravity: | Not available | Vapor pressure: | Not available |
| pH: | 9.9 – 10.3 (1% solution) | Water solubility: | Partial |
| Partition coefficient (n-octanol/water): | Not available | Viscosity (Dynamic): | Not available |
| Flammable Properties: | See Section 5 | | |

SECTION 10: STABILITY AND REACTIVITY

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

Conditions to Avoid: Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible Materials: Strong oxidizers and reducing agents.

Hazardous Decomposition Products: Thermal decomposition products may include oxides of carbon and nitrogen and chlorine.

Possibility of Hazardous Reactions: Polymerization does not occur under normal temperatures and pressures.

SECTION 11: TOXICOLOGICAL INFORMATION

Product Information Summary: This is a household product. The use of this product by consumers is safe under normal and reasonable foreseen use. Direct contact with eyes can cause moderate-to-severe irritation. Ingestion of large amounts may cause some gastrointestinal discomfort including nausea, vomiting, abdominal pain, diarrhea and lethargy. Repeated or prolonged excessive exposure with skin can cause irritation.

Component Analysis: The following toxicity information is for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

| Ingredient / Product | LD50 / Draize Score | Toxicity / Irritation Rating |
|------------------------------|----------------------------|-------------------------------------|
| <u>Acute Oral Toxicity</u> | | |
| Sodium carbonate | 2,800 mg/kg (rat) | Slightly toxic |
| Sodium alkylbenzenesulfonate | 1,080 mg/kg (rat) | Toxic |
| Sodium olefinsulfonate | 2,310 mg/kg (rat) | Slightly toxic |
| <u>Acute Dermal Toxicity</u> | | |
| Sodium carbonate | > 2,000 mg/kg (rabbit) | Slightly toxic |
| Sodium alkylbenzenesulfonate | > 2,000 mg/kg (rabbit) | Slightly toxic |
| Sodium olefinsulfonate | 6,300 mg/kg (rabbit) | Non-hazardous |

Sensitization: This product is not considered a skin or respiratory sensitizer.

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.

Reproductive/Fetal/Developmental effects: None of the ingredients in this product are known to have reproductive, fetal, or developmental hazards.

Target organ toxicity: The active ingredient has the potential to be absorbed through the skin and mucous membranes including the respiratory system.

Epidemiological information: None of the ingredients in this product are known to have health-related information in working populations.

SECTION 12: ECOLOGICAL INFORMATION

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The environmental toxicity of this product has not been evaluated.

| Product / Ingredient | LC50/EC50 (Animal Specie) | Toxicity Rating |
|------------------------------|--|------------------------|
| <u>Vertebrates</u> | | |
| Sodium chloride | 96h LC50: 9,675 mg/L (Lepomis macrochirus)(flow-through) | Non-hazardous |
| Sodium alkylbenzenesulfonate | 96h LC50: 5.1 mg/L(Brachydanio rerio) (flow-through) | Toxic |
| Sodium olefinsulfonate | 96h LC50: 1-10 mg/L(Brachydanio rerio) (static) | Toxic |

The Dial Corporation, a Henkel Company; 19001 N Scottsdale Road; Scottsdale, AZ 85255-9672 USA

Invertebrates

| | | |
|------------------------------|--------------------------------------|---------------|
| Sodium chloride | 48h EC50: 1,000 mg/L (Daphnia magna) | Non-hazardous |
| Sodium alkylbenzenesulfonate | 48h EC50: 2.9 mg/L (Daphnia magna) | Toxic |

Environmental Fate: No environmental fate data exists for the product.

Persistence and Degradability: The persistence and degradability of this product has not been determined.

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.

SECTION 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: Not applicable.

Additional information: Observe all federal, state and local regulations when storing or disposing of this substance.

SECTION 14: TRANSPORT INFORMATION**DOT Transportation of Dangerous Goods – Ground**

| | | | |
|---------------------------|----------------|-----------------------------|----------------|
| DOT Hazard Class: | Not regulated | Packing Group: | Not applicable |
| DOT Proper Shipping Name: | Not applicable | Shipping Label Information: | Not applicable |
| UN/NA Number: | Not applicable | | |

International Air Transportation (ICAO/IATA)

| | |
|---------------------------------|----------------|
| ICAO/IATA Hazard Class: | Not regulated |
| ICAO/IATA Proper Shipping Name: | Not applicable |

Water Transportation (IMO/IMDG)

| | |
|--------------------------------|----------------|
| IMO/IMDG Hazard Class: | Not regulated |
| IMO/IMDG Proper Shipping Name: | Not applicable |

SECTION 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:

Consumer Product Safety Commission (CPSC): This product is regulated as a consumer product under CPSC.

TSCA: All components of this product are either listed on or exempt from the U.S. Toxic Substances Control Act (TSCA) chemical substance inventory.

EPA CERCLA/SARA TITLE III Superfund Amendment and Reauthorization Act: This product contains no CERCLA/SARA Title III materials

CERCLA/SARA Section 302 EHS: This product contains no extremely hazardous substances reportable under Section 302.

CERCLA/SARA 311/312: This product contains no hazardous chemicals reportable under Sections 311/312

CERCLA/SARA 313: Not applicable - Consumer product.

State Regulations

California Proposition 65: This product does not contain substances listed under California Proposition 65.

Canada Regulatory Information:**Canadian Environmental Protection Act:**

Some components of this product are not listed on the Canadian Domestic Substances List (DSL) nor the NDSL.

Health Canada:

This product is not regulated by Health Canada.

Worker Hazardous Materials Information System:

WHMIS Classification: D2B (Irritating).

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, The Dial Corporation makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the

Soft Scrub® Toilet Bowl Cleaner / Bref Toilet Care

MSDS D-129 (Rev. 1)

information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, The Dial Corporation will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either expressed or implied of merchantability, fitness for a particular purpose or of any other nature is made hereunder with respect to the information set forth herein or to the product to which the information refers.

NFPA RATINGS (Scale 0-4, where 4=high degree of hazard): HEALTH=2 FLAMMABILITY=1 REACTIVITY=0
HMIS RATINGS (Scale 0-4, where 4=high degree of hazard): HEALTH=2 FLAMMABILITY=1 REACTIVITY=0

Creation Date: 10/24/2012

Supersedes: Ver.0, 10/24/2012

Revision: Updated Formula ID Numbers

Revision Date: 05/12/2014