

MATERIAL SAFETY DATA SHEET

MSDS D-118 REVISION 2

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

The Dial Corporation
19001 N. Scottsdale Road
Scottsdale, Arizona 85255-9672

Medical Emergencies: 1-888-689-9082
Chemtrec: 1-800-424-9300 (24 Hours Daily)
Other Information: 1-888-468-6673

PRODUCT: Hard Surface Cleaner
TRADE NAMES/SYNONYMS: Soft Scrub® Cleanser - Original
CHEMICAL FAMILY: Mixture
I.D. NUMBERS: 99102009 (SS Cleanser-Original)

DATE OF ISSUE: February 26, 2009

SECTION 2: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: This product is a white, fragranced creamy liquid with a fruity odor. Direct contact with eyes may cause irritation. Ingestion of large amounts may cause some gastrointestinal discomfort including nausea, vomiting, and diarrhea. Repeated or prolonged excessive exposure with skin may cause irritation or dermatitis. 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

While this product is not considered to be hazardous under OSHA's Hazard Communication Standard (29 CFR 1900.1200), this MSDS includes valuable information that is critical for safe handling and proper use of this product. 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.

INHALATION: Unlikely to occur due to the physical properties of the product.
SKIN CONTACT: Repeated or prolonged excessive contact may cause irritation or dermatitis.
EYE CONTACT: Can cause moderate-to-severe eye irritation.
INGESTION: Not an anticipated route of exposure given the nature of the finished product. Ingestion of large quantities may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

CHRONIC HEALTH EFFECTS: Due to the nature and composition of this product no chronic health effects are anticipated.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: No known health conditions are aggravated by exposure to this product.

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>
Calcium Carbonate	1317-65-3	30 – 60 %
Sodium Alkylbenzenesulfonate	68081-81-2	1 – 5 %
Lauramine Oxide	1643-20-5	1 – 5 %

SECTION 4: FIRST AID MEASURES

INHALATION: Immediately remove from exposure area to fresh air. 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.

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

EYE CONTACT: Immediately rinse eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention if pain or irritation persist.

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 a glass of water to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.

NOTE TO PHYSICIAN: The physician's judgement 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

UPPER FLAMMABILITY LIMIT: Not applicable

LOWER FLAMMABILITY LIMIT: Not applicable

AUTO-IGNITION TEMPERATURE: Not applicable

FIRE AND EXPLOSION HAZARD: Negligible fire hazard when exposed to heat or flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and oxides of nitrogen.

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 fire is out. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal. Use agents suitable for type of surrounding fire. Avoid breathing hazardous 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 :

This product should not be directly discharged into lakes, streams, ponds, estuaries, oceans, public water supplies, or other waters.

METHODS FOR CONTAINMENT AND CLEAN UP:

SMALL SPILLS: Contain and absorb with sand or other 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. 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.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

WORKER EXPOSURE LIMITS

The following exposure limits exist for the ingredients listed below. The TLV-TWA is the ACGIH Threshold Limit Value – Time Weighted Average. PEL is the OSHA Permissible Exposure Limit.

INGREDIENT	CAS NUMBER	EXPOSURE LIMIT
Calcium Carbonate	1317-65-3	TLV-TWA: 10 mg/m ³ (total dust), PEL: 15 mg/m ³ (total dust), PEL: 5 mg/m ³ (respirable fraction)

ENGINEERING CONTROLS: Provide local exhaust or general dilution ventilation to keep potential exposure to airborne contaminants as low as possible.

RESPIRATOR: Air contamination monitoring should be carried out where generation of vapors is likely to occur, to assure that the employees are not exposed to harmful concentrations of any of the above mentioned components. 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: Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode. Any supplied-air respirator that has a full facepiece 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 (impervious to liquids) is required where splashing of product 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: White, fragranced creamy liquid with a fruity odor.

ODOR/ODOR THRESHOLD: Fruity

PHYSICAL STATE: Creamy liquid

pH (@ 25°C): 10.2 (10% solution)

VAPOR DENSITY: Not available

BOILING POINT: Not available
MELTING/FREEZING POINT: Not available
FLAMMABLE PROPERTIES: See Section 5.
DENSITY/SPECIFIC GRAVITY: 1.45 g/ml @ 25°C
OCTANOL/WATER PARTITION COEFFICIENT (K_{ow}): Not available
VISCOSITY: Not available
VAPOR PRESSURE: Not available
FLASH POINT: See Section 5.
SOLUBILITY IN WATER: Partial
EVAPORATION RATE: Not available
CLOUD POINT: Not available

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. Reacts with other household chemicals such as acid toilet bowl cleaners, rust removers, acids, vinegar, and ammonia-containing products to produce hazardous gases, such as chlorine and other chlorinated compounds.
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition products may include oxides of carbon.
POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization does not occur under normal temperatures and pressures.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION SUMMARY: This product is a household product. The use of this product by consumers is safe under normal and reasonable foreseen use. Direct contact with eyes may cause irritation. Ingestion of large amounts may cause some gastrointestinal discomfort including nausea, vomiting, and diarrhea. Repeated or prolonged excessive exposure with skin may cause irritation or dermatitis.

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.

PRODUCT / INGREDIENT	LD50 / DRAIZE SCORE	TOXICITY / IRRITATION RATING
ACUTE ORAL TOXICITY Calcium Carbonate	6,450 mg/kg (rat)	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 TOXICITY: None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

TARGET ORGAN TOXICITY: None of the ingredients in this product are known to have target organ toxicity.

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.

ENVIRONMENTAL FATE:
No environmental fate data exists for the product.

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 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=1 FLAMMABILITY=1 REACTIVITY=0
HMIS RATINGS (Scale 0-4, where 4=severe hazard): HEALTH=2 FLAMMABILITY=1 REACTIVITY=0

MSDS CREATION DATE: 11/01/04

SUPERSEDES: 08/02/07, Rev. 2

REVISION DATE: 02/26/09

REVISION: Updated Company Information.