

**SECTION I**

PRODUCT CODE NUMBER: _____ *TLV: _____
 MANUFACTURER'S NAME: Dial Corporation EMERGENCY INFORMATION: (602) 253-3334
 MANUFACTURER'S ADDRESS: 111 West Clarendon Avenue, Phoenix, AZ 85077
 PRODUCT: Old Dutch Cleanser/Bowdened Cleanser COMMON NAME: _____
 GENERIC NAME: Abrasive Cleanser CHEMICAL NAME: _____
 CHEMICAL FAMILY: _____ DOT PROPER SHIPPING NAME: _____
 WARNING STATEMENTS: _____

SECTION II - INGREDIENTS

	C.A.S. #	% by wt.	OSHA PEL	ACGIH TLV	Other Lim
Silica Flour	7631-86-9		0.05 mg/m ³	0.1 mg/m ³ (TWA RESPI)	
Sodium Carbonate	497-19-8		(NIOSH TWA RECOMMENDATION) NIF	ABLE DUST) NIF	NIF
Sodium Linear Dodecylbenzene Sulfonate	25155-30-0		NIF	NIF	NIF
Potassium Dichloroisocyanurate	2244-21-5		NIF	NIF	NIF

* Threshold limit value set by (A) OSHA, (B) ACGIH, (C) See Section III, (D) Other, (NE) Not Established (Units are in PPM unless otherwise specific)

SECTION III - PHYSICAL DATA

APPROXIMATE BOILING RANGE: N/A VAPOR PRESSURE: N/A
 VAPOR DENSITY: N/A SOLUBILITY IN WATER: Moderate
 SPECIFIC GRAVITY: 1.4 PERCENT VOLATILE: by wt.: < 1
 EVAPORATION RATE: N/A APPROXIMATE BULK DENSITY: _____

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT RANGE: Nonflammable EXTINGUISHING MEDIA: Water or any other media suitable
 FIRE FIGHTING PROCEDURES: See attached sheet. DOT FLAMMABILITY CLASSIFICATION: for extinguishing the surrounding
 UNUSUAL FIRE AND EXPLOSION HAZARDS: See attached sheet.

SECTION V - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes thoroughly with running water for at least 15 minutes. Get medical treatment/attention
 SKIN CONTACT: Rinse well with water. If irritation occurs and persists, Contact physician or Local Poison Control Center.
 INHALATION: If effects occur, remove to fresh air. If breathing is difficult or discomfort persists, get medical attention.
 INGESTION: Rinse mouth with water. Give milk or water to dilute. Do not induce vomiting. Contact physician or Local Poison Control Center.

SECTION VI - PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

Route of Entry: Inhalation: Likely. Skin: Likely. Ingestion: Unlikely. Health Hazards - ACUTE EFFECTS (ACUTE AND CHRONIC): Acute - May produce irritation of eyes, skin, mucous membranes and upper respiratory tract. SIGNS AND SYMPTOMS OF OVEREXPOSURE: Inhalation: Inhalation of dust may cause significant irritation of the upper respiratory tract which could cause acute pneumoconiosis. Symptoms may include coughing, dyspnea, wheezing, throat irritation and nonspecific chest illnesses. Chronic dust exposure may lead to silicosis. Ingestion: If swallowed, may cause gastrointestinal irritation with nausea, vomiting, diarrhea. Skin: Repeated or prolonged exposure may produce irritation. Eyes: May irritate eyes causing redness and pain. Medical Conditions: CHRONIC EFFECTS: N/D for product. (Not determined). Generally Aggravated by Exposure: Inhalation may increase the progression of Tuberculosis; susceptibility is apparently not increased. Persons with impaired respiratory function may be more susceptible to the effects of this substance. Smoking can increase the risk of lung injury. SEE ATTACHED SHEET UNDER SECTION IV for more detail.

SECTION VII - REACTIVITY DATA

STABILITY (Conditions to Avoid): Stable. Extreme heat.

INCOMPATIBILITY (Materials to Avoid): Ammonia, Amines, Ammonium Compounds, Strong Alkalies, Hydrofluoric Acid, Powerful Oxidizers, Fluorine containing compounds, acids or reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur Oxides, Sodium Oxide, Carbon Monoxide, and Dioxide, Chlorine Gases, Ammonia, Nitrogen Trichloride, Cyanogen Chloride. Chloramines may be formed if mixed with ammonia. At temperatures, silica component can change crystal structure to form Tridymite or Cristobalite.

HAZARDOUS POLYMERIZATION (Conditions to Avoid): Will not occur.

SECTION VIII - SPILL OR LEAK PROCEDURES

PROCEDURES IN CASE OF RELEASE OR SPILL: Sweep up and containerize for salvage or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Small amounts may be flushed to sewer.

WASTE DISPOSAL METHOD: Containerized waste may be disposed of in an approved waste facility. Prior to Disposal, Notify local sewage and solid waste authorities to ensure compliance with local, state, and federal environmental regulations.

SECTION IX - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Avoid breathing dust or powder. Wear NIOSH-approved dust respirator.

VENTILATION: Local Exhaust: Preferred to keep employee exposures below the airborne exposure limits for Silica Dust.

PROTECTIVE GLOVES: Wear general purpose protective gloves and clothing.

EYE PROTECTION: Avoid eye contact with dust or powder. Wear chemical resistant, safety goggles.

WORK/HYGIENE PRACTICES: Provide eye bath and emergency shower. Launder soiled work clothing prior to reuse.

OTHER PROTECTIVE EQUIPMENT: Uniforms, labcoats, or coveralls.

SECTION X - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORING PRECAUTIONS: Store in cool, dry, ventilated area. Protect against physical damage.

Avoid prolonged or repeated inhalation of dust. Avoid all unnecessary exposure to material. Wash thoroughly after handling.

OTHER PRECAUTIONS:

SECTION XI - DOCUMENTARY INFORMATION

PRODUCT CODE NUMBER:

ISSUE DATE: July 30, 1986

REPLACES MSDS NUMBER:

PREVIOUS PRODUCT CODE NUMBER:

PREVIOUSLY ISSUED: