



THE DIAL CORPORATION

MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA HCS 29 CFR 1910.1200 AND OSHA 174

MSDS# N-102 Revision # 3

PRODUCT NAME (AS USED ON LABEL): LIQUID STARCH - STA FLO

ALTERNATE PRODUCT NAME: N/A

EMERGENCY TELEPHONE NUMBER: (602) 253-3334

SECTION I

MANUFACTURER/DISTRIBUTOR: THE DIAL CORPORATION
111 WEST CLARENDON AVE.
PHOENIX, AZ 85077

TELEPHONE NUMBER FOR GENERAL INFORMATION: (602) 991-3000

SECTION II-HAZARDOUS INGREDIENTS

Finished Product: OSHA (PEL)-N/A ACGIH (TLV)-N/A

Hazardous Components:

Chemical/Common Name	CAS Number	PEL/TLV-Source
N/A	N/A	N/A

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 210°F.	Melting Point: N/A
Vapor Density (Air=1): N/A	Freezing Point: 32°F.
Specific Gravity (Water=1): 1.045	pH: 9.0
Vapor Pressure (mm Hg.): N/A	Evaporation Rate (*=1): N/A
Volatiles by Weight (%): 90.35	*Butyl Acetate
Solubility in Water: 100%	Other: N/A
Appearance/Odor: Blue, somewhat viscous liquid with a pleasant fragrance.	

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F)/Method Used: N/A
Flammable Limits (LEL/UEL): N/A
Extinguishing Media: Water
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

SECTION V-REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
Chemical Incompatibility: None
Hazardous Decomposition Products: None
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: None

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SECTION VI-HEALTH HAZARD DATA

Route of Entry: Inhalation-N/A Skin-Likely Ingestion-Unlikely
under normal use conditions

Health Hazards (Acute and Chronic):

Acute - Based on the testing of this product in animals, it is not an eye and skin irritant (rabbit) or toxic by ingestion (rat)

Chronic - Not determined on this product.

<u>Carcinogenicity*</u> :	<u>NTP</u>	<u>IARC Monographs</u>	<u>OSHA Regulated</u>
	N/A	N/A	N/A

*Not determined for finished product.

Effects of Overexposure:

Inhalation - N/A

Ingestion - If swallowed, may cause some slight gastrointestinal distress.

Skin - None expected under normal use conditions.

Eyes - May produce slight irritation.

Medical conditions generally aggravated by exposure: None known.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Flush area with water and mop up.

Eye Protection - Not necessary

Skin Protection - Not necessary

Respiratory Protection - Not necessary

Handling: None

Storage: Store in cool area out of direct sunlight.

Normal Clean Up: Flush area with water and mop up.

Waste Disposal: Flush to sewer.

Other Precautions: None

SECTION VIII-FIRST AID & MEDICAL EMERGENCY PROCEDURES

Eyes: Flush eyes thoroughly with water. Consult physician or poison control center.

Skin: Rinse well with running water.

Inhalation: N/A

Ingestion: Give milk or water to dilute. Provide symptomatic care.

SECTION IX-CONTROL MEASURES-OCCUPATIONAL

Respiratory Protection (Specify Type): None

Ventilation:

Local Exhaust- Not necessary

Mechanical (General)- N/A

Special- N/A

Protective Gloves: Not necessary

Eye Protection: Not necessary

Other Protective Clothing or Equipment: Not necessary

Work/Hygienic Practices: None

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SECTION X-ENVIRONMENTAL IMPACT

Applicable Regulations: 16 CFR 500 (FTC)

DOT/EPA Hazard Class: None

Shipping Name: See product name

EPA - SARA Title III Section 313: Toxic chemical - no

NOTE: N/A=Not Applicable

ND= Not Determined

NL=Not Listed

NIF=No Information Found

NE=None Established

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Date Prepared: 2/3/89

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Change: New format; add SARA statement

End of MSDS