

#26870

Pg. 1

PRODUCT NAME (AS USED ON LABEL): LIQUID STARCH

ALTERNATE PRODUCT NAME(S): VANO & PRIVATE LABEL

MATERIAL SAFETY DATA SHEET (MSDS) COMPLIES WITH
OSHA HCS 29 CFR 1910.1200 AND OSHA 174 (9/85)

NOTE: N/A=NOT APPLICABLE, ND=NOT DETERMINED, NIF=NO INFORMATION FOUND.

SECTION I

MANUFACTURER/DISTRIBUTOR NAME: THE DIAL CORPORATION

ADDRESS: 111 WEST CLARENDON AVE.

PHOENIX, AZ 85077

EMERGENCY TELEPHONE NUMBER: (602) 253-3334

TELEPHONE NUMBER FOR INFORMATION: (602) 991-3000

DATE PREPARED: 04/30/86

SECTION II-HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS:

CHEMICAL/Common Name	OSHA PEL	ACGIH TLV	OTHER LIMITS	CAS NUMBER
N/A	N/A	N/A	N/A	N/A

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (DEGREES F.): 210 | MELTING POINT: N/A
 VAPOR DENSITY (AIR=1): N/A | FREEZING POINT (DEGREES): 32F
 SPECIFIC GRAVITY (WATER=1): 1.045 | PH: 6.25
 VAPOR PRESSURE (MM HG.): N/A | EVAPORATION RATE (1): N/A
 VOLATILES BY WEIGHT (%): 90.35 | * BUTYL ACETATE
 SOLUBILITY IN WATER (2): 100
 APPEARANCE/ODOR: BLUE-GREEN SOMEWHAT VISCOUS LIQUID WITH A PLEASANT PINE 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-YES
 INCOMPATIBLE MATERIALS TO AVOID: NONE
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
 CONDITIONS TO AVOID: NONE

SECTION VI-HEALTH HAZARD DATA

ROUTE OF ENTRY: INHALATION-N/A SKIN-LIKELY INGESTION-UNLIKELY
 HEALTH HAZARDS (ACUTE AND CHRONIC): ACUTE-BASED ON TESTING OF PRODUCT
 IN ANIMALS IT IS NOT AN EYE OR SKIN IRRITANT (RABBIT) OR TOXIC

26870

BY INGESTION (RAT), CHRONIC-NO
CARCINOGENICITY: NTP IARC MONOGRAPHS

OSHA REGULATED

Pg. 2

ND

ND

ND

SIGNS AND SYMPTOMS OF EXPOSURE:

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 & MOP-UP.

EYE PROTECTION-NOT NECESSARY

SKIN PROTECTION-NOT NECESSARY

RESPIRATORY PROTECTION-NOT NECESSARY

HANDLING-NONE

STORAGE-STORE IN COOL AREA OUT OF DIRECT SUN LIGHT

NORMAL CLEAN UP-FLUSH AREA WITH WATER AND MOP-UP

WASTE DISPOSAL-FLUSH TO SEWER

SECTION VIII-FIRST AID & MEDICAL EMERGENCY PROCEDURES

EYES: FLUSH EYES THOROUGHLY WITH RUNNING WATER. CONSULT PHYSICIAN OR POISON CONTROL CENTER.

SKIN: RINSE WELL WITH 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

SECTION X-ENVIRONMENTAL IMPACT

APPLICABLE REGULATIONS: N/A

DOT/EPA HAZARD CLASS: NONE

SHIPPING NAME: SEE PRODUCT NAMES

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 EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR TO THE PRODUCT TO WHICH THE INFORMATION REFERS.