

MATERIAL SAFETY DATA SHEET

IDENTITY - #169 PREMIUM HAND DISH (EMERALD HAND DISH WASH)

SECTION 1

MANUFACTURED BY ARROW CHEMICAL PRODUCTS, INC.

ADDRESS 2067 ST. ANNE

DETROIT, MI 48216

EMERGENCY TELEPHONE INFOTRAC 800-535-5053

TELEPHONE FOR INFORMATION 313-237-0277

DATE 8-16-99

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

CHEMICAL INGREDIENTS ARE NOT HAZARDOUS BY OSHA HAZARD COMMUNICATION STANDARD.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT 216 F.

VAPOR PRESSURE LIKE WATER

VAPOR DENSITY (AIR =1) 0.7

SPECIFIC GRAVITY (H2O=1) 1.03

EVAPORATION RATE 1

(butyl acetate = 1)

SOLUBILITY IN WATER COMPLETE

APPEARANCE AND ODOR GREEN, PLEASANT FRAGRANCE

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT - NO DATA

FLAMMABLE LIMITS - NO DATA

EXTINGUISHING MEDIA - WILL NOT BURN

SPECIAL FIRE FIGHTING PROCEDURES - WILL NOT BURN

UNUSUAL FIRE AND EXPLOSION HAZARDS - NONE KNOWN

SECTION 5 - REACTIVITY DATA

STABILITY - STABLE

CONDITIONS TO AVOID - NONE KNOWN

INCOMPATIBILITY (MATERIALS TO AVOID) - NONE KNOWN

HAZARDOUS DECOMPOSITION OR BYPRODUCTS - NONE KNOWN

HAZARDOUS POLYMERIZATION - WILL NOT OCCUR

CONDITIONS TO AVOID - NONE KNOWN

SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY: ACCIDENTAL INGESTION

HEALTH HAZARDS (ACUTE AND CHRONIC): ACUTE - EYE IRRITANT

CARCINOGENICITY: NTP, IARC MONOGRAPHS, OSHA REGULATED? NO

SIGNS AND SYMPTOMS OF EXPOSURE - CONTACT WITH EYES WILL CAUSE IRRITATION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - NONE

EMERGENCY AND FIRST AID PROCEDURES:

EYES: IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15 MINUTES. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

SWALLOWING: IMMEDIATELY DRINK AT LEAST 2 GLASSES OF MILK OR WATER, AND CONSULT A PHYSICIAN.

SKIN: IF IRRITATING TO SKIN, FLUSH WITH WATER.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED - COLLECT EXCESS WITH A MOP AND FLUSH AREA WITH WATER. BE SURE TO DRY THOROUGHLY AS AREA WILL BE SLIPPERY.

WASTE DISPOSAL METHOD - MAY BE FLUSHED IN DRAIN

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE, DO NOT GET IN EYES, DO NOT INGEST, USE NORMAL HOUSEKEEPING PROCEDURES.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION - NOT NEEDED

VENTILATION - NOT APPLICABLE

PROTECTIVE GLOVES - RUBBER OR PVC RECOMMENDED

EYE PROTECTION - AVOID EYE CONTACT

OTHER PROTECTIVE EQUIPMENT - NONE NEEDED