

MATERIAL SAFETY DATA SHEET

IDENTITY - #609 SWIPE

SECTION 1

MANUFACTURER'S NAME	ARROW CHEMICAL PRODUCTS, INC.
ADDRESS	2067 ST. ANNE DETROIT, MI 48216
EMERGENCY TELEPHONE	INFOTRAC 1-800-535-5035
TELEPHONE FOR INFORMATION	313-237-0277
DATE PREPARED	7-30-99
HAZARD RATING	HAZARD RATING SCALE:
HEALTH: 1	0=MINIMAL 3=SERIOUS
FIRE: 0	1=SLIGHT 4=SEVERE
REACTIVITY: 0	2=MODERATE

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

CAS# 111-76-2 2-BUTOXYETHANOL <5%  
OSHA (PEL - SKIN): TWA = 25 ppm  
ACGIH (TLV- SKIN): TWA = 25 ppm, 120 mg/m<sup>3</sup>. STEL - (75) ppm, (360) mg/m<sup>3</sup>.  
CAS# 6834-92-0 SODIUM METASILICATE <4%  
NO EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS PRODUCT HOWEVER, THE FOLLOWING LIMITS MAY APPLY:  
ACGIH (TLV) 10 mg/m<sup>3</sup> (total dust) OSHA (TWA) 5 mg/m<sup>3</sup>. (respirable dust) 15 mg/m<sup>3</sup>. (total dust)

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	NO DATA
VAPOR PRESSURE:	NO DATA
VAPOR DENSITY:	NO DATA
SPECIFIC GRAVITY:	1.03
MELTING POINT:	NO DATA
(butyl acetate =1)	
SOLUBILITY IN WATER:	COMPLETE
APPEARANCE AND ODOR:	PURPLE, LEMON FRESH

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >212 F.  
FLAMMABLE LIMITS: N/A  
EXTINGUISHING MEDIA - USE APPROPRIATE MEDIA FOR PRIMARY CAUSE OF FIRE.  
SPECIAL FIRE FIGHTING PROCEDURES - NONE KNOWN  
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:	WILL NOT OCCUR
HAZARDOUS POLYMERIZATION	- WILL NOT OCCUR

CONDITIONS TO AVOID - NONE KNOWN

SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY: INGESTION, SKIN, INHALATION

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

CARCINOGENICITY: NTP, IARC MONOGRAPHS, OSHA REGULATED? NO

SIGNS AND SYMPTOMS OF EXPOSURE - SKIN AND EYE IRRITANT

EMERGENCY AND FIRST AID PROCEDURES:

EYES: IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN.

SKIN: FLUSH AFFECTED AREA WITH PLENTY OF RUNNING WATER. IF IRRITATION OCCURS, CONSULT A PHYSICIAN

SWALLOWING: DO NOT INDUCE VOMITING, DRINK LARGE AMOUNTS OF MILK OR WATER TO DILUTE STOMACH CONTENTS, CONSULT A PHYSICIAN IMMEDIATELY.

INHALATION: IF AFFECTED, REMOVE TO FRESH AIR. IF IRRITATION OCCURS, GET IMMEDIATE MEDICAL ATTENTION.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED - SMALL SPILLS COULD BE FLUSHED WITH LARGE AMOUNTS OF WATER. LARGER SPILLS SHOULD BE COLLECTED FOR DISPOSAL.

WASTE DISPOSAL METHOD - IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

PRECAUTIONS FOR SAFE HANDLING AND USE - DO NOT GET IN EYES, ON SKIN, OR CLOTHING.

KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID BREATHING VAPORS. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN, USE NORMAL HOUSEKEEPING PROCEDURES.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION - NORMALLY NOT NEEDED

VENTILATION - ROOM VENTILATION WILL SUFFICE

PROTECTIVE GLOVES - RUBBER OR PVC RECOMMENDED

EYE PROTECTION - GOGGLES RECOMMENDED

D.O.T. SHIPPING INFORMATION - NO SPECIAL SHIPPING INFORMATION REQUIRED.