

MATERIAL SAFETY DATA SHEET

IDENTITY - #170 STAINLESS STEEL CLEANER

SECTION 1

MANUFACTURED BY	ARROW CHEMICAL PRODUCTS, INC.
ADDRESS	2067 ST. ANNE DETROIT, MI 48216
EMERGENCY TELEPHONE	313-237-0277
TELEPHONE FOR INFORMATION	313-237-0277
DATE REVISED	INFOTRAC (800-535-5035) 7-30-99

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

PETROLEUM DISTILLATES (MINERAL SEAL OIL) CAS# 64741-77-1 <40%
OSHA (PEL) = 5 mg/m³.
(TLV) = 5 mg/m³.

SECTION 3- PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	212 F.
VAPOR PRESSURE	NO DATA
VAPOR DENSITY	HEAVIER THAN AIR
SPECIFIC GRAVITY (H2O =1)	0.94
MELTING POINT	NO DATA
EVAPORATION RATE	LESS THAN .01 (butyl acetate =1)
SOLUBILITY IN WATER - EMULSIFIES	
APPEARANCE AND ODOR - WHITE, SLIGHT PETROLEUM ODOR	

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	212 F.
FLAMMABLE LIMITS	NO DATA
EXTINGUISHING MEDIA - REGULAR FOAM, OR WATER FOG, OR CARBON DIOXIDE, OR DRY CHEMICAL.	
SPECIAL FIRE FIGHTING PROCEDURES - WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING WHEN ANY MATERIAL IS INVOLVED IN A FIRE.	
UNUSUAL FIRE AND EXPLOSION HAZARDS - NEVER USE WELDING OR CUTTING TORCH ON OR NEAR CONTAINERS (EVEN EMPTY) BECAUSE PRODUCT (EVEN RESIDUE) CAN IGNITE.	

SECTION 5 - REACTIVITY DATA

STABILITY - STABLE
CONDITIONS TO AVOID - EXCESSIVE HEAT AND CONTAMINATION OF ANY KIND.
INCOMPATIBILITY (MATERIALS TO AVOID) - OXIDIZERS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS - MAY LIBERATE CARBON MONOXIDE, CARBON DIOXIDE, AND UNIDENTIFIED ORGANIC COMPOUNDS IN BLACK SMOKE.
HAZARDOUS POLYMERIZATION - WILL NOT OCCUR

SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION, SKIN, INGESTION

HEALTH HAZARDS (ACUTE): SKIN AND EYE IRRITANT, EXCESSIVE INHALATION CAUSES RESPIRATORY IRRITATION.
(CHRONIC): DERMATITIS, PNEUMONITIS, AND PULMONARY EDEMA.
CARCINOGENICITY: NTP, IARC MONOGRAPHS, OSHA REGULATED? NO

EMERGENCY AND FIRST AID PROCEDURES:

SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. IF IRRITATION OCCURS, CONSULT A PHYSICIAN.

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

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

SWALLOWING; DO NOT INDUCE VOMITING, GET IMMEDIATE MEDICAL ATTENTION.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED - ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL. PLACE ABSORBED MATERIAL INTO APPROPRIATE CONTAINERS.
WASTE DISPOSAL METHOD - DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - STORE IN A COOL, DRY PLACE. DO NOT GET IN EYES, AVOID EXCESSIVE INHALATION OF VAPORS, WASH THOROUGHLY AFTER HANDLING.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION - USE ADEQUATE VENTILATION

PROTECTIVE GLOVES - RUBBER OR PVC
EYE PROTECTION - DO NOT GET IN EYES