

# MATERIAL SAFETY DATA SHEET

HOU-CHEMICAL DIVISON  
M.B.E.A.D.S. INC.  
201 EAST HARRISON ST.  
MICHIGAN CITY, IN 46360



EMERGENCY # 1-800-345-2430  
FAX # 1-219-874-9795

REVISED 12/31/98

## SECTION I – PRODUCT INFORMATION

PRODUCT NAME: ACID CLEANER

PRODUCT USE: WIRE WHEEL AND ALUMINUM WHEEL CLEANER

HMS RATING

HEALTH

1

FLAMMABILITY

REACTIVITY

PERSONAL PROTECTION

## SECTION II – HAZARDOUS INGREDIENT INFORMATION (29 CFR 1910.1200)

CHEMICAL NAME	CAS NUMBER	%	EXPOSURE LIMITS
PHOSPHORIC ACID	1664-38-2	5-10	1 MG/M3
HYDROFLUORIC ACID	7664-39-3	10-15	7 MG/M3

## SECTION III – PHYSICAL AND CHEMICAL DATA

PHYSICAL STATE: LIQUID

ODOR: SLIGHT ACID SMELL

EVAPORATION RATE (WATER=1) – N/A

VAPOR DENSITY (AIR = 1) – N/A

SPECIFIC GRAVITY: (WATER = 1) – 1.05

APPEARANCE: BROWN

PH: - 3

BOILING POINT: 212 F

VAPOR PRESSURE: N/A

SOLUBILITY IN WATER: 100%

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD: - N/A

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

## SECTION V – REACTIVITY HAZARD DATA

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID) -- ALKALIES

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## SECTION VI – CONTROL AND PROTECTIVE MEASURES

GLOVES: THE USE OF RUBBER GLOVES IS RECOMMENDED.

SAFETY GLASSES: THE USE OF SAFETY GLASSES IS RECOMMENDED.

RESPIRATORY: NOT APPLICABLE

VENTILATION: ADEQUATE.