

MATERIAL SAFETY DATA SHEET

09 MAR 1992

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME BESTWAY PRODUCTS COMPANY		EMERGENCY TELEPHONE NO. (801)3284818 (801)9435105
ADDRESS (Number, Street, City, State, and ZIP Code) 333 West 700 South Salt Lake City, Utah 84101		
CHEMICAL NAME AND SYNONYMS Sulfuric Acid		TRADE NAME AND SYNONYMS Drain Opener
CHEMICAL FAMILY Acid	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Sulfuric Acid				> 1.0	
D.O.T Classification: Corrosive Material					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	440	SPECIFIC GRAVITY (H ₂ O=1)	1.775
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR Dark amber liquid with very slight acid odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) N/A	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA Dry chemical or carbon dioxide			
SPECIAL FIRE FIGHTING PROCEDURES Fires involving small amount of combustibles may be smothered with suitable dry chemical			
UNUSUAL FIRE AND EXPLOSION HAZARDS The acid itself is non-flammable, but may cause ignition of combustibles materials. Hydrogen, a highly flammable gas is generated by the action of the acid on most Metals.			

SECTION V - HEALTH HAZARD DATA			
THRESHOLD LIMIT VALUE 1 mg./l meter for 8 hours exposure ACGTH - ATHA			
EFFECTS OF OVEREXPOSURE Causes severe eye and skin burns, inflammation to mucous membranes of respiratory tract.			
EMERGENCY AND FIRST AID PROCEDURES Eyes: flush with water for 15 minutes and get prompt medical attention. External: flush with water for 15 minutes. Internal: drink large quantities of water or milk, follow with milk of magnesia, beaten eggs or vegetable oil. Call physician immediately. Do not induce vomiting.			
SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID Contact with caustic or water
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Alkali			
HAZARDOUS DECOMPOSITION PRODUCTS N/A			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Use 10% soda ash with sand to slurry spillage mix & add water continuously, scoop up & wash down drain with excess water.	
WASTE DISPOSAL METHOD Use any method for the disposal of chemical wastes subject to local regulations.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type) In inadequate ventilated area use self-contained breathing apparatus.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General) Windows	OTHER
PROTECTIVE GLOVES Rubber	EYE PROTECTION Face shield or safety glasses	
OTHER PROTECTIVE EQUIPMENT Plastic covering for clothing & shoes.		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store in cool, dry area. Avoid excessive heat & below freezing temperatures.	
OTHER PRECAUTIONS KEEP OU OF REACH OF CHILDREN.	
DO NOT COMBINE WITH ALKALINE DRAIN CLEANERS.	

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