

◆ MATERIAL SAFETY DATA SHEET ◆

SECTION I

MANUFACTURER'S NAMES W. J. Hagerty & Sons, Ltd., Inc.	EMERGENCY TELEPHONE NUMBER (800) 348-5162
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 3801 West Linden Avenue South Bend, Indiana 46619-1844	TELEPHONE NUMBER FOR INFORMATION (800) 348-5162 (574) 288-4991 Indiana Residents
PRODUCT NAME: Hagerty Heavy Duty Copper, Brass, & Metal Polish	PRODUCT NUMBER: 21080
CHEMICAL NATURE: Compounded Cleaner	DATE PREPARED August 2010

SECTION II ACTIVE INGREDIENTS

ACTIVE COMPONENTS: (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	OSHA PEL.	ACGIH TLV.
Colloidal Clay	<i>15mg/m³</i>	<i>10mg/m³</i>
Polyglycol	<i>N/A</i>	<i>N/A</i>
Aqua Ammonia	<i>N/A</i>	<i>25 ppm</i>
Methyl Benzotriazole	<i>N/A</i>	<i>N/A</i>
Aliphatic Hydrocarbon	<i>N/A</i>	<i>200 ppm</i>
Silica Dioxide (amorphous)	<i>N/A</i>	<i>3.0 mg/m³</i>
* Other active ingredients that may be included constitute 1.0% or less		

SECTION III PHYSICAL DATA

Boiling Point	<i>N/A</i>	Specific Gravity (H ₂ O = 1)	<i>1.0</i>
Vapor Pressure (mm Hg.)	<i>N/A</i>	Percent Volatile, By Volume %	<i>5%</i>
Vapor Density (Air = 1)	<i>N/A</i>	Evaporation Rate (Butyl Acetate = 1)	<i>Negligible</i>
Solubility in Water	<i>High</i>	Melting Point	<i>N/A</i>
Appearance and Odor:	<i>Light Brown Liquid – ammonia odor</i>		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Flammable Limits: LEL.:	UEL.:
<i>Non-flammable over 212 degrees</i>	<i>None</i>	<i>None</i>
Extinguishing Media:	<i>Dry chemical, carbon dioxide, water fog or alcoholic foam.</i>	
Special Fire Fighting Procedures:	<i>None</i>	
Unusual Fire and Explosion Hazards:	<i>None</i>	

SECTION V HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:	
INHALATION:	
SKIN:	<i>Skin contact would be the most likely mode of exposure under normal usage.</i>
INGESTION:	

HEALTH HAZARDS: (ACUTE AND CHRONIC)		<i>Skin irritation may occur in sensitive individuals if prolonged exposure occurs.</i>	
CARCINOGENICITY:			
NTP?		<i>N/A</i>	
IARC MONOGRAPHS?		<i>N/A</i>	
OSHA REGULATED?		<i>Not regulated by OSHA.</i>	
SIGNS AND SYMPTOMS OF EXPOSURE:		<i>Skin irritation may occur in sensitive individuals.</i>	
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:		<i>None is known.</i>	
EMERGENCY AND FIRST AID PROCEDURES:			
FOR EYE CONTACT:		<i>Flush with water for 15 minutes and get medical attention.</i>	
IF ACCIDENTALLY INGESTED:		<i>Induce vomiting and get immediate medical attention.</i>	
SECTION VI			
PRECAUTIONS FOR SAFE HANDLING AND USE			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:		<i>Do not allow to over dry. If dry, moisten with water and return to container. Wash surface with water for thorough cleansing of surface area.</i>	
WASTE DISPOSAL METHOD:		<i>Because of container size, an individual container would not be regulated as a hazardous waste, pursuant to EPA regulations.</i>	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:		<i>Should be stored in an area away from excessive heat and moisture.</i>	
OTHER PRECAUTIONS:		<i>This product is classified non-hazardous for transport.</i>	
SECTION VII			
REACTIVITY DATA			
STABILITY	Unstable		Conditions to Avoid:
	Stable	X	
INCOMPATIBILITY(MATERIALS TO AVOID):		<i>Strong acids such as hydrofluoric acid.</i>	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:		<i>None</i>	
HAZARDOUS POLYMERIZATION	May Occur		Conditions to Avoid:
	Will Not Occur	X	
SECTION VIII			
CONTROL MEASURES			
RESPIRATORY PROTECTION: (SPECIFY TYPE)		<i>Under normal conditions of use, respiratory protection is not required.</i>	
VENTILATION	Local Exhaust	<i>None</i>	Special:
	Mechanical (General)	<i>None</i>	Other:
PROTECTIVE GLOVES: <i>Impervious gloves, if desired.</i>		EYE PROTECTION: <i>None is required.</i>	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:		<i>None</i>	
WORK/HYGIENIC PRACTICES:		<i>None</i>	