

H1065

## Material Safety Data Sheet

HMIS®

HIL01065

HEALTH

2

REACTIVITY

0

FLAMMABILITY

2

PERSONAL PROTECTION

B

Identity: BRASS & MORE  
Formula: B902  
Part numbers: 90201, 90218, 90236

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## SECTION 1: Company Identification

DISTRIBUTED BY:  
HILLYARD INDUSTRIES, INC.

DATE:  
September 6, 2006

Address (Number, Street, City, State, and ZIP Code)  
302 North Fourth Street (P.O. BOX 909)

Emergency Telephone Number  
1-800-424-9300

St. Joseph, MO 64502

Telephone Number for Information  
1-800-233-1321 ext. 8285

www.hillyard.com

Signature of Preparer (Optional)  
Regulatory Dept.

## SECTION 2: Ingredients/Identity Information

Components (Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	% (Opt.)
C10-13 Isoparaffin	68551-17-7	None	None	400 ppm (Manu.)	15 - 40%
Alumina	1344-28-1	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		10 - 30%
Ammonia	1336-21-6	50 ppm	25 ppm	STEL35 ppm	1 - 5%

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

## SECTION 3: Hazards Identification

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes	Yes

Acute Health Hazards - Warning. Contains petroleum distillates. May be harmful or fatal if swallowed. Causes eye irritation or burns. Combustible material. May cause skin irritation. May be harmful if inhaled.

Chronic Health Hazards - None known

## Carcinogenicity:

Carcinogenicity

OSHA:

No

NTP:

No

IARC:

No

Signs and Symptoms of Exposure - Redness, tearing or burning in eyes. Redness, drying or irritation of skin. Irritation of the throat or stomach, nausea, vomiting, and diarrhea if swallowed. Excessive inhalation of vapors may cause irritation of the nose, throat and respiratory tract.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin conditions such as dermatitis may be adversely affected by this and other oil and grease effective cleaners. Pre-existing respiratory and eye conditions may be adversely affected.

## SECTION 4: Emergency and First Aid Procedures:

Eyes - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get medical attention immediately.

Ingestion - Not a likely exposure route. If a large quantity of liquid is swallowed, do NOT induce vomiting, call a physician or poison control center immediately.

Inhalation - If overexposed move into fresh air. If symptoms develop seek medical attention.

Skin - Wash thoroughly with soap and water. Get medical attention if irritation develops and persists.

## SECTION 5: Fire Fighting Measures

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Liquid phase 153° F (PMCC)	No Data	No Data	No Data

Extinguishing Media - Use carbon dioxide, dry chemical, foam, or fog. Treat as an oil fire.

Special Fire Fighting Procedures - Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.

**Hazardous Products of Combustion**-Carbon dioxide, carbon monoxide, hydrogen, ammonia, amines, nitrogen and oxides, oxides of sulfur, smoke, and soot.

**Unusual Fire and Explosion Hazards** - Liquid is combustible. May cause polypropylene cloth to burn at higher temperature.

#### SECTION 6: Accidental Release Measures

**Small Spill** - Wipe up small releases with a dry absorbent cloth or other absorbent material.

**Large Spill** - Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal.

#### SECTION 7: Handling and Storage

**Handling** - Do not swallow. Wash thoroughly after handling. Do not use around ignition sources such as heat, sparks, open flame, static electricity, welding arcs, etc. Do not get in eyes. Avoid inhaling vapors. Avoid contact with skin and clothing. Launder contaminated clothing before reuse. Follow label directions carefully.

**Storage** - Store in a cool well ventilated area. Keep away from heat sources. Keep out of reach of children. Keep container tightly sealed when not in use. Do not smoke while using. Do not contaminate water, food, or feed by use or storage.

#### SECTION 8: Exposure Controls / Personal Protection

**Eye Protection** - Yes, approved safety glasses (ANSI Z87.1) Do not allow towel to directly contact eyes.

**Skin Protection** - Only for prolonged use.

**Respiratory Protections** - Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

**Engineering Controls** - Ventilation not usually necessary but should be provided in the event of overexposure.

#### SECTION 9: Physical and Chemical Properties

<b>Appearance and Odor:</b>	Opaque cream colored liquid with an ammonia-like odor saturated onto towels.
<b>PH</b>	9.5 ± 0.5
<b>Specific Gravity (70°F)</b>	1.104
<b>Boiling Point:</b>	212° F
<b>Melting Point:</b>	No Data
<b>Evaporation Rate (Butyl Acetate = 1)</b>	No Data
<b>Vapor Pressure (mm-Hg @ 70°F)</b>	No Data
<b>Vapor Density (AIR = 1)</b>	>1
<b>Solubility in Water</b>	Dispersible
<b>Volatile Organic Compounds (VOCs)</b>	331.4 grams per liter or 30% by weight VOCs.

#### SECTION 10: Stability and Reactivity

**Hazardous Polymerization** - This product will not undergo hazardous polymerization.

**Hazardous Decomposition or Byproducts** - Carbon dioxide, carbon monoxide, hydrogen, ammonia, amines, nitrogen and oxides, oxides of sulfur, smoke, and soot.

**Chemical Stability** - Stable

**Incompatibility (Materials to Avoid)** - Strong oxidizers and acids, halogens, dimethyl sulfate, bleaching agents, fluorine, iodine and amphoteric metals.

#### SECTION 11: Toxicological Information

No Data

#### SECTION 12: Ecological Information

No Data

#### SECTION 13: Disposal Consideration

**Disposal Method** - Dispose of in accordance with all applicable local, state, and federal regulations.

**RCRA Waste Information** - If this product becomes a waste, it would not be a hazardous waste as defined by RCRA (40 CFR 261). However the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

#### SECTION 14: Transport Information

##### DOT Information - 49 CFR 172.101

**Proper Shipping Description:** Not Regulated

**Hazard Class:** None

**Identification Number:** None

**Packing Group:** None

##### Water Transportation:

**Proper Shipping Description:** Not Regulated

**Hazard Class:** None

**Identification Number:** None

**Packing Group:** None

##### Air Transportation:

**Proper Shipping Description:** Not Regulated

**Hazard Class:** None

**Identification Number:** None

**Packing Group:** None

**Marine Pollutants:** None

#### SECTION 15: Regulatory Information

##### US Federal Regulations:

##### TSCA (Toxic Substances Control Act) Status

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

##### CERCLA RQ - 40 CFR 302.4 (a)

None Listed

##### SARA 313 Components - 40 CFR 372.65

None

##### State and Local Regulations:

##### California Proposition 65

None

#### Section 16: Additional Information

**WARNING!** The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.