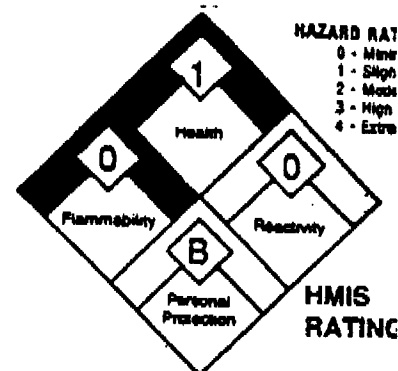


# MATERIAL SAFETY DATA SHEET

WHMIS CLASSIFICATION:

**D 2B**



## SECTION 1- PRODUCT IDENTIFICATION AND USE

|  |  |                                     |                         |
|--|--|-------------------------------------|-------------------------|
| PRODUCT IDENTIFIER <b>BJ-89-M</b>                          |  | PRODUCT IDENTIFICATION NUMBER (PIN) |                         |
| PRODUCT USE <b>Heavy-duty-Cleaner/Degreaser/Deodorizer</b> |  |                                     |                         |
| MANUFACTURER'S NAME<br><b>Bri-Jess Industries Inc.</b>     |  | SUPPLIER'S NAME                     |                         |
| STREET ADDRESS<br><b>595 MacKenzie Ave., Units 7&amp;8</b> |  | STREET ADDRESS                      |                         |
| CITY<br><b>Ajax</b>  | PROVINCE<br><b>Ontario</b>                     | CITY                                | PROVINCE                |
| POSTAL CODE<br><b>L1S 2G2</b>                              | EMERGENCY TELEPHONE NO.<br><b>905-427-9183</b> | POSTAL CODE                         | EMERGENCY TELEPHONE NO. |

## SECTION 2-HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS          | %   | CAS NUMBER  | LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES AND ROUTE) | LC <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES) |
|--------------------------------|-----|-------------|--|--|
| d.Limonene                     | 1.5 | 5989.27.5   | Not available  | Not available                                    |
| Propylene Glycol N-Butyl Ether | 1.5 | 005131.66.8 | LD50 Skin 1400 mg/kg                                       |  |
|                                |     | 015821.83.7 | LD50 Oral 3300 mg/kg                                       |  |
| Ethoxylated Alcohol            | 1.5 | 68131.39.5  | LD50 Oral 4150 mg/kg                                       |  |
| Ethyl Alcohol                  | 1.5 | 64.17.5     | LD50 Oral 14 g/kg  |  |
| Sodium Metasilicate            | 1.5 | 6834.92.0   | Oral 1.28 g/kg   |  |
| Sodium 2-Ethylhexyl Sulfate    | 1.5 | 126.92.1    | Oral 3.7 g/kg  |  |

## SECTION 3-PHYSICAL DATA

|                                       |  |                         |                                  |
|---------------------------------------|--|-------------------------|----------------------------------|
| PHYSICAL STATE<br><b>Liquid</b>       | ODOUR AND APPEARANCE<br><b>Orange odour, Brownish orange in colour</b> |                         | ODOUR THRESHOLD (ppm)            |
| VAPOUR PRESSURE (mm Hg) Same as water | VAPOUR DENSITY (AIR=1) Less dense                                      | EVAPORATION RATE Slower | BOILING POINT (°C) <b>100 °C</b> |
| FREEZING POINT (°C) <b>0 °C</b>       | SPECIFIC GRAVITY <b>1</b>  |                         | COEFF. WATER/OIL DIST.           |
| pH <b>11½ - 12¼</b>                   |  |                         |                                  |

## SECTION 4-FIRE AND EXPLOSION DATA

|  |   |   |
|--|---|---|
| FLAMMABILITY<br>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, UNDER WHAT CONDITIONS? |   |   |
| MEANS OF EXTINCTION<br>Not applicable  |   |   |
| FLASHPOINT (°C) AND METHOD<br>Not applicable   | UPPER FLAMMABLE LIMIT (% BY VOLUME)<br>Not applicable | LOWER FLAMMABLE LIMIT (% BY VOLUME)<br>Not applicable |
| AUTOIGNITION TEMPERATURE (°C)<br>Not applicable  | HAZARDOUS COMBUSTION PRODUCTS                         |   |
| EXPLOSION DATA <input checked="" type="checkbox"/> No  | SENSITIVITY TO IMPACT                                 | SENSITIVITY TO STATIC DISCHARGE <b>No</b>             |

## SECTION 5- REACTIVITY DATA

|  |
|--|
| CHEMICAL STABILITY<br>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS? |
|--|

PRODUCT IDENTIFIER ♦ BJ-89-M

### SECTION 6-TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT

SKIN ABSORPTION

EYE CONTACT

INHALATION

INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: May cause high to moderate eye irritation. If ingested may cause vomiting, headache and medical problems

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Repeated excessive dermal exposure may cause marked skin irritation and may increase the possibility of allergic reaction

|   |  |   |  |
|---|--|---|--|
| EXPOSURE LIMITS<br>Not available              | IRRITANCY OF PRODUCT<br>Irritant by WHMIS Criteria   | SENSITIZATION TO PRODUCT<br>No Data available | CARCINOGENICITY<br>Non Hazardous by WHMIS Criteria |
| TERATOGENICITY<br>Insufficient Data available | REPRODUCTIVE TOXICITY<br>Insufficient Data available | MUTAGENICITY<br>No Data available             | SYNERGISTIC PRODUCTS<br>Not available              |

### SECTION 7-PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

|  |  |  |
|--|--|--|
| GLOVES (SPECIFY)<br>Neoprem, PVC, Natural Rub      | RESPIRATOR (SPECIFY)<br>Not normally required      | EYE (SPECIFY)<br>Chemical splash goggles |
| FOOTWEAR (SPECIFY)<br>As required by employer code | CLOTHING (SPECIFY)<br>As required by employer code | OTHER (SPECIFY)                          |

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS)  
General Ventilation

LEAK AND SPILL PROCEDURE: Small spills may be absorbed with non-reactive absorbent and placed in suitable covered containers. Prevent large spills from entering waterways.

WASTE DISPOSAL

Land-fill in accordance with local, Provincial and Federal regulations

HANDLING PROCEDURES AND EQUIPMENT

No special procedures are known to be required

STORAGE REQUIREMENTS

Store in a closed container. Store away from strong oxidizers

SPECIAL SHIPPING INFORMATION

See above

### SECTION 8-FIRST AID MEASURES

SPECIFIC MEASURES

Eye: Immediately flush with water for 15 minutes. If irritation persists, call doctor.  
 Skin: Flush with water. Call a doctor if irritation develops.  
 Inhalation: Remove to fresh air. If symptoms persist, call a doctor.  
 Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a doctor immediately. Never give anything by mouth if victim is unconscious.

### SECTION 9-PREPARATION DATE OF MSDS

|  |                              |                     |
|--|------------------------------|---------------------|
| PREPARED BY (GROUP, DEPARTMENT, ETC.)<br>K.G. Skeoch | PHONE NUMBER<br>705-887-2847 | DATE<br>Feb. 7/2001 |
|--|------------------------------|---------------------|