1. Product and Company Identification

Material name: BC Fire Extinguisher

| Version # | 03 |
|CAS # | Mixture |
|Product use | Fire extinguishing agent |
|Manufacturer / Importer / Supplier Name | Tyco Fire Protection Products |
|Address | One Stanton Street, Marinette, WI 54143-2542 |
|Phone | 715-732-3465 |
|Internet | http://www.pyrochem.com |
|Emergency Phone Number | CHEMTREC 800-424-9300 or 703-527-3887 |

2. Hazards Identification

Emergency overview: WARNING

Irritating to eyes and skin. Prolonged exposure may cause chronic effects.

Potential health effects

- **Routes of exposure**
  - Eye contact
  - Skin contact
  - Inhalation
  - Ingestion

- **Eyes**
  - Contact with eyes may cause irritation.

- **Skin**
  - Avoid contact with the skin. May cause skin irritation.

- **Inhalation**
  - Inhalation of dusts may cause respiratory irritation.

- **Ingestion**
  - Not a likely route of entry.

**Target organs**

- Eyes
- Respiratory system
- Skin

**Signs and symptoms**

- Irritation of eyes and mucous membranes.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Non-hazardous components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICA</td>
<td>12001-26-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Other components below reportable levels</td>
<td></td>
<td>&gt; 60</td>
</tr>
</tbody>
</table>

4. First Aid Measures

**First aid procedures**

- **Eye contact**
  - Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

- **Skin contact**
  - Wash off with warm water and soap. Get medical attention if irritation develops and persists.

- **Inhalation**
  - Move to fresh air.

- **Ingestion**
  - Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**General advice**

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
5. Fire Fighting Measures

Extinguishing media
- Suitable extinguishing media: This product is not flammable. Use extinguishing agent suitable for type of surrounding fire.

Protection of firefighters
- Specific hazards arising from the chemical: None known.
- Protective equipment for firefighters: None known.

Special protective equipment for fire-fighters: None known.

Explosion data
- Sensitivity to mechanical impact: Not available.
- Sensitivity to static discharge: Not available.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

6. Accidental Release Measures

Personal precautions: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of dust from the spilled material. Wear a dust mask if dust is generated above exposure limits.

Environmental precautions: Do not contaminate water.

Methods for containment: If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Prevent entry into waterways, sewer, basements or confined areas.

Methods for cleaning up: Should not be released into the environment. Sweep up or vacuum up spillage and collect in suitable container for disposal. Collect dust using a vacuum cleaner equipped with HEPA filter. Avoid the generation of dusts during clean-up. Clean up in accordance with all applicable regulations. Following product recovery, flush area with water.

Other information: Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling: Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Avoid contact with eyes. Wash thoroughly after handling. Wear personal protective equipment.

Storage: Guard against dust accumulation of this material. Use care in handling/storage.

8. Exposure Controls / Personal Protection

Occupational exposure limits

<table>
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<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
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<tbody>
<tr>
<td>MICA (12001-26-2)</td>
<td>TWA</td>
<td>3.0000 mg/m³</td>
<td>Respirable.</td>
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Personal protective equipment
- Eye / face protection: Wear safety glasses with side shields (or goggles).
- Skin protection: Wear chemical protective equipment that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Respiratory protection

In the case of respirable dust and/or fumes, use self-contained breathing apparatus.

9. Physical & Chemical Properties

Appearance
Form
Powder.
Color
White.
Odor
Odorless.

Physical state
Solid.
P
Not available.
Melting point
Not available.
Freezing point
Not available.
Boiling point
Not available.
Flash point
Not available.
Evaporation rate
Not available.

Flammability limits in air, upper, % by volume
Not available.
Flammability limits in air, lower, % by volume
Not available.

Vapor pressure
Not available.
Vapor density
Not available.
Specific gravity
Not available.
Relative density
Not available.
Solubility (water)
Not available.
Partition coefficient (n-octanol/water)
Not available.

Auto-ignition temperature
Not available.
Decomposition temperature
Not available.

10. Chemical Stability & Reactivity Information

Chemical stability
Material is stable under normal conditions.

Incompatible materials
Strong acids.

Hazardous decomposition products
Carbon oxides.

11. Toxicological Information

Toxicological information
The toxicity of this product has not been tested.

Chronic effects
Prolonged inhalation may be harmful. Not expected to be hazardous by WHMIS criteria.

12. Ecological Information

Ecotoxicity
Not expected to be harmful to aquatic organisms.

Environmental effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and degradability
Not available.

Partition coefficient (n-octanol/water)
Not available.

13. Disposal Considerations

Disposal instructions
Dispose of contents/container in accordance with local/regional/national/international regulations.
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Waste from residues / unused products
Dispose of in accordance with local regulations.
14. Transport Information

TDG
Not regulated as dangerous goods.

15. Regulatory Information

Canadian regulations
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS status
Controlled

WHMIS classification
A - Compressed Gas

WHMIS labeling

Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Further information
HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings
Health: 1
Flammability: 0
Physical hazard: 0

NFPA ratings
Health: 1
Flammability: 0
Instability: 0

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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