1. Product and Company Identification

Material name: ABC Fire Extinguisher
Version #: 02
Revision date: 11-12-2013
CAS #: Mixture
Product use: Fire Extinguisher

Manufacturer / Importer / Supplier
Name: Tyco Fire Protection Products
Address: One Stanton Street
          Marinette, WI 54143-2542
Phone: 715-735-7411
Internet: http://www.ansul.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

Non-hazardous components

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMMONIUM HYDROGEN SULFATE</td>
<td>7783-20-2</td>
<td>10 - 30</td>
</tr>
</tbody>
</table>

Other components below reportable levels
> 60

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

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
Yellow.

Odor
Odorless.

Physical state
Solid.

pH
Not available.

Melting point
Not available.

Freezing point
Not available.

Boiling point
Not available.

Flash point
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

Ecotoxicological data

<table>
<thead>
<tr>
<th>Components</th>
<th>Test Results</th>
</tr>
</thead>
</table>
| AMMONIUM HYDROGEN SULFATE (7783-20-2) | EC50 Water flea (Ceriodaphnia dubia): 52 - 67 mg/l 48.00 hours  
LC50 Pink salmon (Oncorhynchus gorbuscha): 0.068 mg/l 96.00 hours |

Ecotoxicity
This material is not expected to be harmful to aquatic life.

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

Material name: ABC Fire Extinguisher
1667 Version #: 02 Revision date: 11-12-2013
### 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>No</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.

#### Issue date

11-12-2013