

## 5. Fire Fighting Measures

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|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flammable properties                                  | Containers may explode when heated. Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.                                                                                                                                                                                                                                                                      |
| Extinguishing media                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Suitable extinguishing media                          | Water fog, Foam, Dry chemical powder, Carbon dioxide (CO2).                                                                                                                                                                                                                                                                                                                                                                      |
| Protection of firefighters                            |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Specific hazards arising from the chemical            | Fire may produce irritating, corrosive and/or toxic gases.                                                                                                                                                                                                                                                                                                                                                                       |
| Protective equipment and precautions for firefighters | In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. |

## 6. Accidental Release Measures

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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Methods for containment | Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas. |
| Methods for cleaning up | Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.                             |

## 7. Handling and Storage

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Handling | Pressurized container. Do not pierce or burn, even after use. Do not handle or store near an open flame, heat or other sources of ignition. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not get this material in contact with eyes. Do not get this material in contact with skin. Wear personal protective equipment. Avoid prolonged exposure.                                                                      |
| Storage  | Level 3 Aerosol.<br>Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Do not handle or store near an open flame, heat or other sources of ignition. Avoid exposure to long periods of sunlight. Store in cool place. Keep the container dry. Keep in an area equipped with sprinklers. Keep out of the reach of children. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit. |

## 8. Exposure Controls / Personal Protection

|                        |          |          |                 |                 |
|------------------------|----------|----------|-----------------|-----------------|
| <b>Exposure limits</b> |          |          |                 |                 |
| <b>ACGIH</b>           |          |          |                 |                 |
| Components             | CAS #    | TWA      | STEL            | Ceiling         |
| Propane                | 74-98-6  | 1000 ppm | Not established | Not established |
| n-Butane               | 106-97-8 | 1000 ppm | Not established | Not established |
| <b>OSHA</b>            |          |          |                 |                 |
| Components             | CAS #    | TWA      | STEL            | Ceiling         |
| Propane                | 74-98-6  | 1000 ppm | Not established | Not established |

|                                      |                                                                                                                                                                                           |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal protective equipment</b> |                                                                                                                                                                                           |
| Eye / face protection                | Wear chemical goggles.                                                                                                                                                                    |
| Skin protection                      | Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.                                                                                                 |
| Respiratory protection               | Wear positive pressure self-contained breathing apparatus (SCBA). If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator. |