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# MATERIAL SAFETY DATA SHEET

## QUICK TAC 5 ACCELERATOR

|      |        |   |              |   |            |   |
|------|--------|---|--------------|---|------------|---|
| HMIS | HEALTH | 2 | FLAMMABILITY | 1 | REACTIVITY | 0 |
| NFPA | HEALTH | 1 | FIRE HAZARD  | 1 | REACTIVITY | 0 |

### 1. Chemical Product

Product Name: Quick Tac 5  
Product Type: N-Propyl Bromide, Stabilized

### 2. Composition and Information on Harmful Ingredients

| Ingredients                  | CAS No.  | OSHA PEL | ACGIH TWA | ACGIH STEL | %Composition |
|------------------------------|----------|----------|-----------|------------|--------------|
| N-Propyl Bromide, Stabilized | 106-94-5 | N/A*     | N/A       | N/A        | 89-94        |

\*Manufacturers recommend 100ppm as a PEL.

### 3. Hazards Identification

Harmful by inhalation; non Flammable; no carcinogenicity; is not a HAP; has an extremely low GWP.

### 4. First Aid Measures

Eye contact: Irrigate with water for a minimum of 15 minutes. Get prompt medical attention.

Skin contact: Remove contaminated clothing immediately and drench skin with water until all signs of product are removed. Wash with soap and water. If exposure is significant, seek medical advice.

Inhalation: Remove patient from source of exposure. If patient is having breathing difficulties call for medical attention.

Ingestion: Rinse mouth with water, but avoid swallowing. Obtain medical attention if swallowing is suspected. Do not induce vomiting.



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### 5. Fire Fighting Measures

**Extinguishing Media:** CO<sub>2</sub>, foam, or dry powder.  
**Special Fire Fighting Procedures:** Wear self contained breathing apparatus.  
**Unsuitable Extinguishers:** Water unless under supervision of Fire Authority.  
**Hazardous Decomposition Products:** Hydrogen halides and carbon monoxide.

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### 6. Accidental Release Measures

Do not allow spillage to enter watercourses or drains. If ground water is contaminated inform the water or appropriate authority. Absorb spill in inert material such as sand. Dispose of according to local authority.

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### 7. Handling and Storage

**Storage:** Keep containers tightly closed, at ambient temperatures. Store away from oxidizers, ignition sources, foodstuff, and open sunshine.  
**Handling:** Avoid contact with eyes, skin, and clothing. Avoid inhalation of vapors. Ensure adequate ventilation.

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### 8. Exposure Control and Personal Protection

**Engineering controls:** Ensure workplace has adequate ventilation. Do not use in confined spaces.  
**Respiratory protection:** If exposure limits are exceeded, wear NIOSH respirator.  
**Eye/face protection:** Wear chemical safety goggles while handling this product.  
**Skin protection:** Neoprene or nitrile rubber gloves are recommended.

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### 9. Physical and Chemical Properties

|                             |                    |                             |               |
|-----------------------------|--------------------|-----------------------------|---------------|
| <b>Appearance:</b>          | Clear/amber liquid | <b>Odor:</b>                | Sweet organic |
| <b>pH:</b>                  | N/A                | <b>Boiling Point:</b>       | 68 °C         |
| <b>Melting Point:</b>       | -110 °C            | <b>Flash Point:</b>         | NONE          |
| <b>Autoignition Temp.:</b>  | 490 °C             | <b>Decomposition Temp.:</b> | 204 °C        |
| <b>Density:</b>             | 1.35g/cc           | <b>Solubility:</b>          | 2.4g/L        |
| <b>Flammability Limits:</b> | LEL 4%; UEL 7.8%   | <b>Vapor Density:</b>       | 43            |
| <b>Vapor Pressure:</b>      | 111mmHg            |                             |               |

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### 10. Reactivity and Stability

**Stability:** Stable.  
**Incompatibility:** Oxidizers, alkali metals, calcium, and aluminum.  
**Conditions to avoid:** Storage in an incorrect manner.  
**Hazardous Decomposition Products:** Hydrogen halides and carbon monoxide.

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**11. Toxicological Information**

**Oral LD50:** 4260mg/kg (rat); 540mg/kg (rabbit)  
**Inhalation LC50:** 253mg/m<sup>3</sup>/halfhour  
**Arnes Test:** Negative

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**12. Ecological Information**

**GWP (global warming potential 100 year horizon):** 0.31  
**ODP (ozone depleting potential):** 0.002- 0.03  
**Atmospheric Lifetime:** 11 days

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**13. Disposal Considerations**

**Disposal method:** Dispose of in a permitted hazardous waste management facility following all local, state, and federal regulations.

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**14. Transportation Information (Not meant to be all inclusive)**

Under U.S.A. and Canadian regulations this product is not classified as hazardous.

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**NON-WARRANTY:** Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of it's chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.

**Engineering Excellence**

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