

## Material Safety Data Sheet

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### 1. Identification of the substance/mixture and of the company/undertaking

**Product name:** (1,2,4)Triazolo(1,5-a)pyrimidin-7-ol, 5-methyl-, sodium salt

**Product code:** 10006926

**Supplier:** Carestream Health, Inc., 150 Verona Street, Rochester, New York, 14608

For Emergency Health Information call, (800) 424-9300

For other information contact 800-328-2910.

**Synonyms:** None.

**Product Use:** Film or paper manufacturing chemical  
For industrial use only.

### 2. Hazards identification

**CAUTION!**  
**POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES**  
**CAN DECOMPOSE AT ELEVATED TEMPERATURES**  
**THE TOXICOLOGICAL PROPERTIES OF THIS MATERIAL HAVE NOT BEEN FULLY**  
**INVESTIGATED**  
**EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING**

**NFPA Hazard Ratings:** Health - 1, Flammability - 1, Instability - 1

NOTE: NFPA 704 (2007) hazard indexes involves data review and interpretation that may vary among companies. It is intended only for rapid, general identification of the magnitude of the potential hazards. To adequately address safe handling, ALL information in this MSDS must be considered.

### 3. Composition/information on ingredients

| Weight % | Components (CAS-No.)                                                   |
|----------|------------------------------------------------------------------------|
| 100      | 5-methyl-(1,2,4)triazolo(1,5-a)pyrimidin-7-ol sodium salt (38299-08-0) |

### 4. First aid measures

**Inhalation:** If inhaled, move to fresh air. Get medical attention if symptoms occur.

**Eyes:** Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.

**Skin:** Wash off with soap and water. Get medical attention if symptoms occur.

**Ingestion:** Get medical attention if symptoms occur.

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### 5. Fire-fighting measures

**Extinguishing Media:** Water spray, Carbon dioxide (CO<sub>2</sub>), Dry chemical. Use water spray to cool unopened containers.

**Special Fire-Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing. Fire or excessive heat may produce hazardous decomposition products.

**Hazardous Combustion Products:** Carbon oxides, nitrogen oxides (NO<sub>x</sub>), (see also Hazardous Decomposition Products section).

**Unusual Fire and Explosion Hazards:** Fire or high temperatures may cause decomposition. Dust may form explosive mixture in air.

### 6. Accidental release measures

**Methods for cleaning up:** Shovel into suitable container for disposal. Avoid dust formation. Clean surface thoroughly to remove residual contamination.

### 7. Handling and storage

**Personal precautions:** Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling.

**Prevention of Fire and Explosion:** Keep away from heat and sources of ignition. Exercise caution if heating, especially in a closed container. Dust may form explosive mixture in air. Minimize dust generation and accumulation. Use only with adequate ventilation. Refer to NFPA 654, "Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids." Keep from contact with oxidizing materials.

**Storage:** Keep container tightly closed. Keep away from incompatible substances (see Incompatibility section.)

### 8. Exposure controls / personal protection

**Occupational exposure controls:** Not established

**Ventilation:** Good general ventilation should be used. Ventilation should be sufficient so that applicable occupational exposure limits are not exceeded. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances.

**Respiratory protection:** None should be needed.

**Eye protection:** Wear safety glasses with side shields (or goggles).

**Skin and body protection:** For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

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**Recommended Decontamination Facilities:** Safety shower, eye wash, washing facilities as appropriate to condition of use.

### 9. Physical and Chemical Properties

**Physical form:** solid

**Colour:** white

**Odour:** No data available

**Specific gravity:** No data available

**Vapour pressure:** No data available

**Vapour density:** No data available

**Volatile fraction by weight:** No data available

**Melting point/range:** No data available

**Water solubility:** No data available

**pH:** not applicable

**Flash point:** not applicable

### 10. Stability and reactivity

**Stability:** Stable under normal conditions. Safe handling temperatures are dependent on specific conditions of use and are typically substantially below the onset temperature. Consult your technical safety experts.

Exotherm onset temperature: 254 °C by DSC

**Incompatibility:** Strong oxidizing agents.

**Hazardous decomposition products:** nitrogen oxides (NO<sub>x</sub>).

**Hazardous Polymerization:** Hazardous polymerization does not occur.

### 11. Toxicological information

#### Effects of Exposure

**General advice:** The toxicological properties of this material have not been fully investigated and its handling and use may present additional hazards.

**Inhalation:** Expected to be a low hazard for recommended handling.

**Eyes:** No specific hazard known. May cause transient irritation.

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**Skin:** Expected to be a low hazard for recommended handling.

**Ingestion:** Expected to be a low hazard for recommended handling.

### Acute Toxicity Data:

- Oral LD50 (rat): 6,400 - 12,800 mg/kg
- Dermal LD50: >20 mL/kg
- Skin irritation: none
- Skin Sensitization: none

## 12. Ecological information

Data for this material and chemically similar materials were used to estimate the environmental impact of this material.

Potential Toxicity:

Fish LC50: > 100 mg/l

Potential Bioaccumulation: log Pow < 1

## 13. Disposal considerations

Discharge, treatment, or disposal may be subject to federal, state, commonwealth, provincial, or local laws. Since emptied containers retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

Not regulated for all modes of transportation.

For more transportation information, go to: <http://ship.carestreamhealth.com>.

## 15. Regulatory information

**U.S. California Prop. 65:** none

### Carcinogenicity Classification (components present at 0.1% or more):

International Agency for Research on Cancer (IARC): none  
American Conference of Governmental Industrial Hygienists (ACGIH): none  
U.S. National Toxicology Program (NTP): none  
U.S. Occupational Safety and Health Administration (OSHA): none

**Chemical(s) subject to the reporting requirements of U.S. Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372:**  
none

## 16. Other information

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The data below reflects current legislative requirements whereas the product in your possession may carry a different version of the label depending on the date of manufacture.

### US/Canadian Label Statements:

**CAUTION!**  
**POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES**  
**CAN DECOMPOSE AT ELEVATED TEMPERATURES**  
**THE TOXICOLOGICAL PROPERTIES OF THIS MATERIAL HAVE NOT BEEN FULLY**  
**INVESTIGATED**  
**EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING**

Minimize dust generation and accumulation.  
Avoid breathing dust.  
Avoid contact with eyes, skin, and clothing.  
Use only with adequate ventilation.  
Wash thoroughly after handling.

**FIRST AID:** If inhaled, move to fresh air. Wash off with soap and water. Get medical attention if symptoms occur.

Keep out of reach of children.

Do not handle or use until safety precautions in Material Safety Data Sheet (MSDS) have been read and understood.

Since emptied containers retain product residue, follow label warnings even after container is emptied.

**IN CASE OF FIRE:** Use Water spray, Carbon dioxide (CO<sub>2</sub>), Dry chemical. Use water spray to cool unopened containers.

**IN CASE OF SPILL:** Shovel into suitable container for disposal. Avoid dust formation. Clean surface thoroughly to remove residual contamination.

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The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment. The information relating to the working solution is for guidance purposes only, and is based on correct mixing and use of the product according to instructions.

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R-1, S-1, F-1, C-2T