

MATERIAL SAFETY DATA SHEET

2-ACETYL THIAZOLE

1. Identification

- Chemical name 2-Acetylthiazole
- Synonyms Methyl 2-Thiazolyl Ketone; 1-(Thiazol-2-yl)ethan-1-one
- Molecular Formula C₅H₅NOS
- Molecular Weight 127.17
- CAS No. 24295-03-2
- FEMA No. 3328
- EINECS No. 246-134-5
- FDA -
- CoE 11726

2. Hazards identification

- **Classification of the substance or mixture**
Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
- **Label elements**
Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
- **Other hazards** none

3. Composition/information on ingredients

- 2-Acetyl Thiazole ≥ 98%

4. First aid measures

- **Eye contact:**
Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- **Skin contact:**
Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- **Inhalation:**
Remove from exposure and move to fresh air immediately. Get medical aid.
- **After ingestion:**
Get medical aid. Wash mouth out with water.

5. Fire-fighting measures

- **General Information:**
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH
Quality defines a brand, reputation builds an alliance.

(approved or equivalent), and full protective gear.

- **Extinguishing Media:**
Use water spray, dry chemical, carbon dioxide, or chemical foam.
- **Special method of fire-fighting**
Cool endangered containers with water spray ;Containers may explode when heated.

6. **Accidental release measures**

- **General Information:**
Use proper personal protective equipment as indicated in Section 8.
- **Spills/Leaks:**
Vacuum or sweep up material and place into a suitable disposal container.

7. **Handling and storage**

- **Handling:**
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
- **Storage:**
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. **Exposure controls and personal protection**

- | | |
|--------------------------|---|
| • Technical measures | Local exhaust ventilation necessary
Take precautionary measures against electrostatic charging
Processing in closed systems, if possible superposed by inert gas (e.g. nitrogen). |
| • Engineering Controls: | Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.. |
| • Respiratory protection | In case of olfactory nuisance: respirator with independent air supply or mask with activated charcoal filter |
| • Eyes | Safety glasses |
| • Hand | Protective gloves |
| • Skin | Wear appropriate protective clothing to prevent skin exposure |

9. **Physical and chemical properties:**

- | | |
|---------|--------------------------|
| • Form | Liquid |
| • Color | Colorless to pale yellow |
| • Odor | Popcorn |

- **Shipping Name**
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods
- **Hazard Class**
ADR/RID:- IMDG:- IATA:-
- **Packing Group**
ADR/RID:- IMDG:- IATA:-

15. Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
no data available
- **Chemical Safety Assessment**
no data available

Full text of R-phrases referred to under sections 2

Xn	Harmful
R22	Harmful if swallowed.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.

16. Other information

- Document Number B-D33280-10
- Creation Date May. 27, 21
- Revision 10.0
- Disclaimer The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.