

## ACES

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** ACES  
**Product Code:** TMB 001  
**CAS#:** 7365-82-4  
**Synonym:** NA  
**Chemical Name:** (N-[2-Acetamido]-2-Aminoethane-Sulphonic Acid)  
**Chemical Formula:** C<sub>4</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub>S  
**Formula Weight:** 182.20

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**

**Name:** (N-[2-Acetamido]-2-Aminoethane-Sulphonic Acid)

**Toxicological Data on Ingredients:**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

**Potential Acute Health Effects:** Not a hazardous substance or mixture:

**Potential Chronic Health Effects:**

**Carcinogenic Effects:** Not Available

**Mutagenic Effects:** Not Available

**Teratogenic Effects:** Not Available

**Developmental Toxicity:** Not Available

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact:** Wash off immediately with soap and plenty of water. Cover the irritated skin with emollient. Immediate medical attention is required.

**Serious Skin Contact:** Not available.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not Available.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

**Serious Ingestion:** Not available.

### SECTION 5: FIRE FIGHTING MEASURES

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture**



No data available

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal precautions and emergency procedures**

Avoid dust formation. Avoid breathing vapours, mist or gas.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

**SECTION 7: HANDLING AND STORAGE**

**Advice on protection against fire and explosion**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Storage conditions**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**Storage class**

Storage class (TRGS 510): 13: Non Combustible Solids

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

**Respiratory protection**

Respiratory protection is not required. If protection from nuisance levels of dusts are desired, use type N95 or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state and appearance</b>	:	Crystalline
<b>Odor</b>	:	Not available
<b>Taste</b>	:	Not available
<b>Color</b>	:	White
<b>Molecular Weight</b>	:	Not available
<b>PH</b>	:	3.0-4.5
<b>Boiling Point</b>	:	Not available
<b>Melting Point</b>	:	Not available
<b>Critical Temperature</b>	:	Not available
<b>Specific Gravity</b>	:	Not available
<b>Vapor Pressure</b>	:	Not applicable
<b>Vapor Density</b>	:	Not available
<b>Volatility</b>	:	Not available
<b>Odor Threshold</b>	:	Not available



Water/Oil Dist. Coeff.	:	Not available
Ionicity (in Water)	:	Not available
Dispersion Properties	:	Not available
Solubility	:	Not available

#### SECTION 10: STABILITY AND REACTIVITY DATA

**Stability:** The product is stable.  
**Instability Temperature:** Not available  
**Conditions of Instability:** Not available  
**Incompatibility with various substances:** Strong oxidizing agents  
**Corrosivity:** Non-corrosive in presence of glass.  
**Special Remarks on Corrosivity:** Non corrosive.  
**Special Remarks on Reactivity:** Not available  
**Polymerization:** Will Not occur.

#### SECTION 11: TOXICOLOGICAL INFORMATION.

**Routes of Entry:** Inhalation, Ingestion  
**Toxicity to Animals:**  
**LD<sub>50</sub>:** Not available  
**LC<sub>50</sub>:** Not available  
**Chronic Effects on Humans:** Not available  
**Other Toxic Effects on Humans:** Not available  
**Special Remarks on Toxicity to Animals:** Not available  
**Special Remarks on Chronic Effects on Humans:** Not available.  
**Special Remarks on other Toxic Effects on Humans:** Not available  
**Potential Health Effects:** Not available

#### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Not Available.  
**BOD and COD:** Not Available.  
**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.  
**Toxicity of the Products of Biodegradation:** Not Available.  
**Special Remarks on the Products of Biodegradation:** Not Available

#### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:**  
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

#### SECTION 14: TRANSPORT INFORMATION

**UN number:**  
**ADR/RID:** **IMDG:** **IATA:**  
**UN proper shipping name**  
**ADR/RID:**  
**IMDG:**



IATA:

Transport hazard class(es):

ADR/RID:

IMDG:

IATA:

Packaging group:

ADR/RID:

IMDG:

IATA:

Environmental hazards:

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

## SECTION 15: REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

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

International Chemical Weapons Convention  
(CWC) Schedules of Toxic Chemicals and  
Precursors

**Chemical Safety Assessment:** Not available.

## SECTION 16: OTHER INFORMATION

**References: Full text of H AND R-Statements.** Not available

**Other Special Considerations:** Not available

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