


**Section 1. Identification**

|  |   |
|--|---|
| <b>1.1 Product Identifier</b>  | CHE1004   |
| Product Name   | ACETAMIDE pure 250g.  |
| CAS Number   | 60-35-5   |
| REACH Registration No  | A registration number is not available as the substance or its uses are exempt, the annual tonnage does not require a registration or the registration is envisaged for a later date. |
| Molecular Formula  | $CH_3CONH_2 = 59.07$  |
| <b>1.2 Relevant identified uses of the substance or mixture &amp; uses advised against</b> |   |
| Uses of Material   | Chemical for industrial and laboratory use. Not suitable for domestic use.  |
| <b>1.3 Supplier</b>  |   |
|            | Unit 6, Foresters Avenue<br>Fairham Business Park<br>Fairham<br>Nottingham<br>NG11 2AF<br>UNITED KINGDOM  |
| Phone  | 0115 9821111  |
| Fax  | 0115 9825275  |
| Email  | sales@scientific-labs.com   |
| <b>1.4 Emergency Telephone</b>   |   |
|  | (08:00-17:00) 0115 9821111<br>(24hr) 112<br>(Have this document to hand)  |

**Section 2. Hazards Identification****2.1 Classification of the substance or mixture****Classification according to regulation 1272/2008/EC**

Carcinogenicity, category 2

H351: Suspected of causing cancer.

**2.2 Label elements****Labelling according to regulation 1272/2008/EC**

Signal word Warning

Hazard Pictograms



Hazard Statements Suspected of causing cancer.

Precautionary Statements Obtain special instructions before use. Avoid release to the environment. Wear protective gloves / protective clothing / eye protection / face protection. IF exposed or concerned: Get medical advice/attention.

## Section 3. Composition

### 3.1 Substances

| Component | CAS No. | EEC No.   | REACH No. | Conc w/w | CLP Classification (1272/2008/CE) |
|-----------|---------|-----------|-----------|----------|-----------------------------------|
| Acetamide | 60-35-5 | 200-473-5 |           | 99%      | Carc. 2                           |

## Section 4. First Aid

### 4.1 Description of first aid measures

|                                      |  |
|--------------------------------------|--|
| Eyes                                 | Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION. |
| Skin                                 | Wash off skin thoroughly with water. Remove contaminated clothing immediately and wash before re-use.                                    |
| Inhalation                           | Remove from exposure. Keep warm and at rest. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.                    |
| Ingestion                            | Wash out the patients mouth thoroughly with water. If conscious give plenty of water to drink. OBTAIN MEDICAL ATTENTION.                 |
| Personal protection for first aiders | Wear protective gloves / eye protection.   |

### 4.2 Most important symptoms and effects, both acute & delayed.

No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

## Section 5. Fire Fighting

### 5.1 Extinguishing media

|                     |  |
|---------------------|--|
| Extinguishing Media | Consider what other flammable materials are present and act accordingly. |
| Unsuitable Media    | Nothing specified.   |

### 5.2 Special hazards arising from the substance or mixture

|         |   |
|---------|---|
| Hazards | May evolve toxic fumes if involved in a fire. |
|---------|---|

### 5.3 Advice for firefighters

|                         |   |
|-------------------------|---|
| Advice for firefighters | Consider all other materials in the vicinity. |
|-------------------------|---|

## Section 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

|                     |   |
|---------------------|---|
| Personal Protection | Use approved personal protective equipment. |
|---------------------|---|

### 6.2 Environmental precautions

|               |   |
|---------------|---|
| Environmental | Presents no major environmental hazard. |
|---------------|---|

### 6.3 Methods and material for containment and cleaning up

|                |  |
|----------------|--|
| Major Spillage | Shovel/sweep up into container for removal Wash area down with copious amounts of water. |
| Minor Spillage | Wash to drain with copious amounts of water.   |

### 6.4 Reference to other sections

See section 8.2 for information on protective equipment and section 13 for information on disposal.

## Section 7. Storage & Handling

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing.

Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.

### 7.2 Conditions for safe storage, including any incompatibilities

Well ventilated, cool, dry storage . Protect from moisture.

### 7.3 Specific end use(s)

See section 1.2.

## Section 8. Workplace Exposure & Personal Protection

### 8.1 Control parameters

| Component | CAS No  | Concentration | Workplace Exposure Limits |                         |
|-----------|---------|---------------|---------------------------|-------------------------|
|           |         |               | Long Term (8hr TWA)       | Short Term 15min period |
| Acetamide | 60-35-5 | 99%           | -                         | -                       |

Exposure data source(s) No occupational exposure data currently available.

### 8.2 Exposure controls

Respiratory Protection Use L.E.V. or natural ventilation to reduce dust concentrations to a minimum. If not, use a well maintained chemical cartridge respirator, or use self contained breathing apparatus.

Hand Protection Wear gloves.

Eye Protection Use tightly fitting chemical splash proof glasses or goggles.

Skin Protection If skin contact or contamination of clothing is likely, protective clothing must be worn.

Special Hazards No special precautions required.

## Section 9. Physical & Chemical Properties

### 9.1 Information on basic physical and chemical properties

|                       |                                     |
|-----------------------|-------------------------------------|
| Appearance            | White hygroscopic crystalline solid |
| Odour                 | Characteristic.                     |
| pH                    | Not applicable                      |
| Boiling Point         | 222°C                               |
| Melting Point         | 79°C                                |
| Flash Point           | Not applicable                      |
| Upper Flammable Limit | Not applicable                      |
| Lower Flammable Limit | Not applicable                      |
| Auto Ignition         | Not applicable                      |
| Explosive Properties  | No.                                 |
| Oxidising Properties  | No.                                 |
| Vapour Pressure       | 1mmHg @ 65°C                        |
| Relative Density      | Not available                       |
| Water Solubility      | Very soluble in water.              |

### 9.2 Other information

No data available.

## Section 10. Stability & Reactivity

10.1 Reactivity No data available.

10.2 Chemical Stability Stable under normal conditions

10.3 Possibility of hazardous reactions No data available.

10.4 Conditions to Avoid Protect from moisture.

- 10.5** Incompatible Materials      Strong oxidising agents.
- 10.6** Hazardous Decomposition Products      Burning will produce toxic fumes of NO<sub>x</sub>, carbon monoxide and/or carbon dioxide.

## Section 11. Toxicological Information

### 11.1 Information on toxicological effects

|                      |   |
|----------------------|---|
| Eyes                 | Contact with the solid or dust may be irritating to the eyes.   |
| Skin                 | Contact with the solid or dust may be irritating to the skin.   |
| LD50 Skin            | Not available   |
| Ingestion            | No information is available. but harmful properties cannot be excluded and should be handled with care. |
| LD50 Oral            | 7000mg/kg Rat   |
| Inhalation           | No information is available. but harmful properties cannot be excluded and should be handled with care. |
| LD50 Inhalation      | Not available   |
| TCLo                 | Not available   |
| Carcinogenicity      | Carcinogen - category 2.  |
| Mutagenicity         | No information is available.  |
| Reproductive Effects | Evidence of reproductive effects.   |

## Section 12. Ecological

- 12.1** Toxicity      No specific environmental hazard.
- LC50 Algal      Not available
- LC50 Crustacea      Not available
- LC50 Fish      Not available
- 12.2** Persistence and degradability      No data available.
- 12.3** Bioaccumulative potential      No data available.
- 12.4** Mobility in soil      No data available.
- 12.5** Results of PBT & vPvB assessment      Assessment not required.
- 12.6** Other adverse effects      None known at present.

## Section 13. Disposal Considerations

### 13.1 Waste treatment methods

|                        |                                       |
|------------------------|---------------------------------------|
| Disposal Methods       | Dispose of in a licensed incinerator. |
| Contaminated Packaging | Use a licensed waste disposer.        |

## Section 14. Transport Information

|  |                                  |
|--|----------------------------------|
| <b>14.1 UN Number</b>                    | Non-restricted                   |
| <b>14.2 Proper Shipping Name</b>         | Non-restricted                   |
| <b>14.3 Transport classes</b>            |                                  |
| UN classification                        | None                             |
| Subsidiary hazard(s)                     | None                             |
| Transport category                       | None                             |
| ADR Hazard ID                            | Non-restricted                   |
| Tunnel Restriction Code                  | Non-restricted                   |
| <b>14.4 Packing Group</b>                | None                             |
| <b>14.5 Environment hazards</b>          | See section 12.                  |
| <b>14.6 Special precautions for user</b> | No special precautions required. |
| <b>14.7 Transport in bulk</b>            | Not transported in bulk.         |

## Section 15. Regulatory Information

### 15.1 Safety, health and environment regulations specific for substance/mixture.

#### Classification, Labeling & Packaging of Substances & Mixtures Regulations (1272/2008/CE)

Classification Carcinogenicity, category 2

Signal word Warning

Hazard Pictograms



Hazard Statements H351  
Suspected of causing cancer.

Precautionary Statements P201, P273, P280, P308+P313  
Obtain special instructions before use. Avoid release to the environment. Wear protective gloves / protective clothing / eye protection / face protection. IF exposed or concerned: Get medical advice/attention.

### 15.2 Chemical safety assessment

Assessment not required.

## Section 16. Other Information

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. See sections 11 for toxicological information and section 12 for ecological information.

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