

Material Safety Data Sheet ACETONE

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product. The contents and format of this MSDS are in accordance with EC Commission Directive 91/155EEC.

1. Identification

Chemical Name Acetone
 Company ID No 32201 / 24201
 Emergency Phone No 01224 825394

2.1 Composition/Information on ingredients
Component Name

Acetone Organic Solvent

3. Hazards Identification
Health Hazard

Inhalation of high concentrations of vapour or ingestion of liquid may result in headache dizziness, mental depression, nausea, vomiting, narcosis, anaesthesia and coma

Can cause severe damage if splashed in eyes

Fire & Explosion Highly Flammable

4. First Aid Measures

- Eye Contact
 - Irrigate thoroughly with water for at least 10 minutes. If discomfort persists obtain medical attention.
- Inhalation
 - Remove from exposure, rest and keep warm. In severe cases obtain medical attention.
- Skin Contact
 - Wash thoroughly with water. Remove contaminated clothing and wash before re-use.
- Ingestion
 - Wash out mouth thoroughly with water and give plenty of water to drink. Obtain medical attention.

5. Fire Fighting Measures
Extinguishing Media

Suitable

Water spray
 Dry powder
 Vaporising liquids

Special Risks

Highly Flammable
 Vapour/air mixture explosive

6. Accidental Release Measures

Shut off all sources of ignition. Inform others to keep at a safe distance. Wear appropriate protective clothing. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on an inert absorbent, transfer to container and arrange removal by disposal company. Ventilate area to dispel residue vapour. For large spillage's liquid should be contained with sand or other absorbent material and transferred to salvage containers for removal by disposal company. If material has entered surface drains it may be necessary to inform local authorities, including fire services.

7. Handling and Storage

Special Requirements as required by the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972. In accordance with HSE guidance note CS17.

8. Exposure controls / Personal Protection

(as appropriate to quantities handled)

Protective Equipment

Goggles or face-shield, Nitrile gloves, plastic apron, sleeves and boots if handling large quantities

Respiratory Protection

Self-contained breathing apparatus.

Ventilation

Fume cupboard, flameproof.

9. Physical and Chemical Properties

Form Liquid
 Colour Colourless
 Odour Characteristic
 Melting Point 95°C
 Boiling Point 56°C
 Ignition Temperature 538°C
 Flash Point 20 C
 Solubility in Water Miscible in all proportions
 (% weight)

10. Stability and Reactivity

Stability Stable
 Substances to be Avoided Alkali hydroxides
 Halogens
 Halogenated hydrocarbons
 Halogen-halogen compounds
 Oxidisers

11. Toxicological information

Toxicity LD50 5800mg/kg oral rat.
 No evidence of carcinogenic or mutagenic properties.

12. Ecological Information

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

13. Disposal Considerations

Dispose of in accordance local authority requirements or pass to a chemical disposal company.

14. Transportation Information

UN No	UN 1090
Class	3
IMDG No	1090
Packing Group	11
UK label	Highly Flammable

15. Regulatory Information

EEC Labelling		
Symbol	F	Highly Flammable
R Phrase(s)	R11	Highly flammable.
S Phrase(s)	S9-16-33-23	Keep container tightly closed Keep away from sources of ignition No smoking.

Local Regulations

Regulated in the UK under the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972
HSW Act 1974
COSHH 1988

16. Other Information

All information, recommendations and suggestions herein concerning the above product are based upon data believed to be reliable, however, it is the users responsibility to determine the safety, toxicity, and suitability for his/her own use of the product described herein. The information herein should not be construed as being absolutely complete since additional information may be necessary or desirable when special or exceptional circumstances exist or because of applicable laws or regulations.

Disclaimer

The preceding is given in good faith as required under the health and safety at work act 1974, but no warranty is implied or given. The information provided is designed to enable the user to use the product safely. If the information is insufficient to ensure safety in any particular application, contact "the supplier" for further advice before proceeding.

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