



www.kincora.net

Tel: 01621 828882

This Information Sheet is for products KIN ACT

MATERIAL SAFETY DATA SHEET

PRODUCT: Kincora Cyanoacrylate Activator

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE MANUFACTURE:

- 1.1 Identification of the substance: Kincora Cyanoacrylate Activator.
1.2 Manufacturers information: Kincora.
Buffalo Court, Kansas Avenue, Salford, M5 2GL. UK.
Tel. 0161-8737713

2. PURPOSE OF USE:

Cyanoacrylate Activator

3. INFORMATION ON CHEMICAL COMPOSITION AND PROPERTIES:

- 3.1 Generic nature: Colourless liquid.
3.2 Chemical composition: This shows the identification of hazardous constituents plus other contents where this information is available. This product contains the following components in percentages LESS than shown

	Propan-2-ol	60-100%
3.3 Hazardous ingredients:	Propan-2-ol	
3.4 Hazard identification:	Highly Flammable	
Description of dangers:	Highly Flammable	
Further information:	None	

4. FIRST AID MEASURES:

- 4.1 Inhalation: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Seek medical attention.
4.2 Eye contact: Promptly wash eyes with lots of water while lifting the eye lids. Continue to rinse for at least 15 minutes. If irritation persists continue to rinse and seek medical attention.
4.3 Skin contact: Remove contaminated clothing and flush affected area with water for at least 10 minutes. If irritation persists continue to rinse and obtain medical attention
4.4 Ingestion: DO NOT INDUCE VOMITING ! Promptly get affected personnel to drink lots of

water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention.

4.5 General information.: None.

5. FIRE FIGHTING MEASURES:

5.1 Suitable extinguishing media: Dry chemicals, sand, dolomite, etc. Water spray, fog or mist. Carbon Dioxide (CO₂).

5.2 Particular danger from combustion products: May travel considerable distance to source of ignition and flash back. May explode when heated or when exposed to flames or sparks. Cool containers exposed to flames with water from the side until well after the fire is out. Keep run off water out of sewers and water sources. Move containers from fire area if it can be done so without risk.

5.3 Special protective equipment: Fire-fighting personnel should wear SCBA and protective clothing.

5.4 Additional information: None.

6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautionary measures: Eye protection is advisable during use. Chemical resistant gloves are recommended to prevent skin contact. Approved respirators may be necessary to prevent over exposure by inhalation. Other protective equipment is not required under conditions of use reasonably to be expected with these materials.

6.2 Procedure for cleaning / absorption: Shut off all sources of ignition. Advise emergency services of spillage and evacuate area. Prevent product from entering drains, sewers and water sources. Where this has already occurred restrict the spread as far as possible. In the case of a small spillage, absorb with suitable absorbent material and dispose of in a suitable container. In the case of a large spillage inform the Fire Brigade and if applicable NRA. Rivers Authority immediately. Clean up personnel should wear suitable protective equipment. Signs indicating the primary hazard of the product must be erected in all areas where the spillage has penetrated.

6.3 Additional information: None

7. HANDLING AND STORAGE:

7.1 Handling: Keep away from sources of ignition. Keep containers closed when not in use. Handle in accordance with good industrial hygiene and safety practice.

7.2 Storage: Flammable/combustible - keep away from oxidisers, heat and flames. May attack some plastics, rubber and coatings. Keep in cool, dry, ventilated storage and closed containers. Ground container and transfer equipment to eliminate static electric sparks. Store in accordance with Health and Safety Executive recommendations (HSG 50-52) Flammable liquid storage.

7.3 Additional information: None.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION EQUIPMENT:

8.1 Components with workplace related limits to be monitored:

Propan-2-ol

OES 400 PPM (8 hours) 500 PPM (15 minutes)

8.2 Personal protective equipment:

A. Measures for general protection and hygiene: Provide adequate general and local exhaust ventilation. Use engineering controls to reduce air contamination to permissible exposure level.

B. Respiratory protective equipment: No specific recommendations made, but respiratory

- protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
- C. Hand protection: Protective gloves should be used if there is a risk of direct contact.
 - D. Eye protection: Wear chemical safety goggles where eye exposure is possible. Provide eyewash station and safety shower.
 - E. Body Protection: Wear appropriate clothing to prevent repeated or prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Consistency:	Liquid.
Colour:	Colourless.
Odour:	Rubbing alcohol.
Viscosity:	N/A
Specific gravity @20°C:	0.76
Relative vapour density (air = 1):	2.7
Melting point – °C:	88
Product flash point - °C (closed cup):	11
Product explosive limits at 25°C: (%vol in air)	Lower 2.5, Upper 12.7
Autoignition temperature – °C:	398
Product vapour pressure: (mmHg at 20°C)	33.00
Boiling point / Range °C:	82
Additional information:	None.

10. STABILITY AND REACTIVITY:

- 10.1 Conditions to be avoided: Heat, sparks and flame.
- 10.2 Substances to be avoided: Aluminium, crotonaldehyde, Oleum, Carbonyl Chloride, Potassiumtert- butoxides, strong oxidising agents.
- 10.3 Additional guidelines: Will not polymerise.

11. TOXICOLOGICAL INFORMATION:

- 11.1 Toxicity: Exposure ; this chemical has good warning properties. Gas or vapour is harmful on prolonged exposure or in high concentrations. Irritant of eyes and mucous membranes. Toxic through skin absorption (percutaneous). Narcotic effect. CNS depressant. May cause chemical eye burns. Swallowing concentrated chemical may cause severe internal injury, unconsciousness, death.
- 11.2 Primary irritate effect: Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. May cause suffocation, skin irritation, nausea, vomiting, unconsciousness, possibly death. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Behavioural changes. Hypertension (low blood pressure).

12. ECOLOGICAL DATA:

- 12.1 Data on elimination (persistence and degradability): No available data.
- 12.2 mobility and bioaccumulation potential:
Eco-toxic effects: No available data.
Aquatic toxicity: No available data.

13. DISPOSAL CONSIDERATIONS:

Product: Dispose of in accordance with local authority requirements.

Contaminated packaging: Dispose of in accordance with local authority requirements.

Other considerations: None.

14. TRANSPORT INFORMATION:

Substance identification number / UN no:	1219
IATA class:	3
UN Packing group:	II
IMDG number:	3100
IMDG class:	3.2
ADR/RID Class & item number:	3.3 (6)
ADR/RID Hazard identification number:	3 (6)
Chemical abstracts service registry number (CAS):	67-83-0
Proper shipping name:	Propan-2-ol
Transport / Further information:	None

15. REGULATORY INFORMATION:

R-Phrases:

R11 Highly flammable.

S-Phrases:

S7 Keep container tightly closed.

S16 Keep away from sources of ignition - No smoking.

Supply risk symbol: Flammable Liquid.

National regulations: Classification, Packaging and Labelling regulations, 1984 Highly Flammable Liquid Regulations 1972. Health and Safety At Work Act 1974. The Control Of Substances Hazardous To Health Regulations 1988.

16. OTHER INFORMATION:

The data presented in this sheet corresponds to the present level of our knowledge and experience and is intended to describe our product with respect to possible safety demands. We imply with this however no guarantee of properties or description of qualities, it remains the customers responsibility to ensure safe working practices. Attention is drawn to the possible hazards from improper use of the product.

Neither Kincora nor their distributors accept any liability for loss or damage arising directly or indirectly from the use of this product. Customers should satisfy themselves by appropriate trials that each product is suitable for its intended use.