

Smart Wise (UK.) Ltd.

UNIT 5 ASHWYN BUSINESS CENTRE, MARCHANTS WAY
SHEDDINGDEAN INDUSTRIAL ESTATE, BURGESS HILL
WEST SUSSEX, RH15 8QY, Tel: 01444 257342

MATERIAL HAZARD DATA SHEET

1) Identification and Company

Product: **C/A Activator**
Supplier: Smart Wise (UK.) Ltd., U5 Ashwyn Business Centre
Marchants Way, Sheddingdean Ind. Estate, Burgess Hill
West Sussex, RH15 8QY Tel: 01444 257342

2) Hazardous Composition

<u>Material:</u>	<u>CAS</u>	<u>%</u>	<u>Health Class</u>	<u>Risk Phrases</u>
Trichloroethylene	79-01-6	>99	(Xn) Harmful	R40
NN-Dimethyl-p-toluidine	99-97-3	1	(Xn) Harmful	R20/22; R23

3) Hazards Identification

Harmful by inhalation. High exposures by inhalation will cause anaesthetic effects. This may result in a loss of consciousness and could prove fatal if exposure has been severe.

Repeated exposure to high levels produces adverse effects on the liver and, to a lesser extent on the kidney.

Trichloroethylene has been shown to cause cancer in rodents, but this is by a mechanism of little or no relevance to man, even at high exposure levels.

4) First Aid Measures

Eye Contact: Immediately flush eyes with eyewash solution or water for at least 10 minutes holding eye lids apart. Seek medical attention.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical help if symptoms persist.

Inhalation: Remove to fresh air. Keep warm and at rest. Restore or assist breathing as necessary. Obtain immediate medical attention.

Ingestion: Do not induce vomiting. If conscious, wash out mouth with water and give 200-300ml of water to drink. Obtain immediate medical attention.

5) Fire Fighting Measures

Non flammable at normal temperatures. Certain mixtures in air can be ignited by high intensity heat sources. Thermal decomposition will evolve toxic vapours.

Keep fire exposed containers cool with water spray.

6) Accidental release Measures

Wear appropriate breathing apparatus. Use absorbent material to soak up spill. Collect in suitable container and dispose of via a licensed waste contractor. Do not allow run off to enter drains, sewers or water courses. If it does alert the appropriate authorities.

7) Handling and Storage

Handling: Avoid breathing mist or vapour. Avoid contact with skin and eyes. Use protective clothing/equipment as detailed in section 8. Do not smoke, eat or drink during use. Do not use near welding operations to avoid thermal decomposition producing toxic flames.

Storage: Store in cool, dry, well ventilated conditions. Keep away from direct sunlight and other sources of heat and/or ignition. Do not use aluminium or light alloy containers for storage.

8) Personal Protection

<u>Material</u>	<u>Exposure Standards</u>		
		<u>8hr TWA</u>	<u>15min STEL</u>
Trichloroethylene	MEL	100 ppm	150 ppm (sk)

Personal Protective Equipment: Wear appropriate clothing to prevent skin contact. If exposure is above MEL, wear an approved breathing apparatus, or respirator with organic vapour cartridge may be sufficient. Wear nitrile gloves. Wear chemical safety goggles.

Industrial Hygiene: Wash hands after use. Wash clothing if contaminated with product. Ensure adequate general ventilation or local exhaust ventilation to ensure concentrations are kept as low as reasonably practicable.

9) Physical and Chemical Properties

Form:	Liquid.
Colour:	Clear.
Odour:	Sweet.
S.G:	1.455 @ 20 degrees C
Vapour Pressure:	59mmHg @ 20 degrees C
Vapour Density (air = 1):	4.54 @ 74 degrees C
Solubility in water:	Slight.
Auto Ignition Temperature:	>200 degrees C

10) Stability and Reactivity

Stability:	Generally stable
Decomposition Products:	Carbon dioxide, carbon monoxide.
Hazardous Reactions:	No hazardous decomposition products when stored and used correctly.
Further Information:	Store away from oxidising agents. (incompatible).

11) Toxicological Information

Irritant to eyes and skin. May cause sensitisation.
Possible cancer hazard. (Contains material which may be carcinogenic based on animal data).
Solvents listed have shown signs of teratogenicity and reproductive toxicity.
No adverse mutagenic effects are anticipated.

12) Ecological Information

Do not allow to escape into water, wastewater drains or soil. Not biodegradable.

13) Disposal Considerations

All materials should be disposed of in accordance with local authority legislation.

14) Transport Information

Un No:	1263
Class:	3.2
Pack Group:	11

15) Regulatory Information

16) Other Information

Intended for use as a plastic texturiser.

Refer to COSSH regulations for information on risk assessment.

Compiled April 1996 using manufacturers data.