

# MATERIAL SAFETY DATA SHEET



## TCP ACCELERATOR 101

### STATEMENT OF HAZARDOUS NATURE:

Hazardous substance according to criteria of Worksafe Australia

DATE OF ISSUE January 2007

TCP Pty Ltd: ABN 41 006 584 498

### IDENTIFICATION

Revised as at September 2011

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PRODUCT NAME : TCP ACCELERATOR 101

Other Names	None	Manufacturers Code	None
U.N. Number	1708	Dangerous Goods Class	6.1
Subsidiary Risk	Not Applicable	Packaging Group	11
Hazchem Code	3XE	Poison Schedule	None Allocated

USE As an activator for Part "A" of TCP Sprayable Degadur Systems.

PHYSICAL DESCRIPTION/ PROPERTIES		OTHER PROPERTIES	
Appearance	Light Yellow to Brown liquid	Shock Sensitivity	Not Shock Sensitive
		Corrosiveness	Non Corrosive
Boiling Point	215 <sup>0</sup> C	Oxidising Properties	None
Vapour Pressure	0.1 h Pa at 20 <sup>0</sup> C	Reactivity	Reacts violently with TCP Hardener Powder.
Specific Gravity	0.94	Ignition Temperature	425 <sup>0</sup> C
Flash Point	98 <sup>0</sup> C (DIN. 51.758)	Evaporation Rate	Not Known
Flammable Limits	Not Known	Odour Threshold	Not Known, Pungent Odour.
		PH Value	Not Known
		% Volatiles	Not Known
Solubility in Water	Slightly Soluble	Bulk Density	Not Applicable

### INGREDIENTS

CHEMICAL ENTITY	CAS NO	PROPORTION
N, N, - Dimethyl - p - Toluidine	99 - 97 - 8	Very High

### PROPORTION - % WEIGHT

VERY LOW < 1

LOW 1 - 9

MEDIUM 10 - 35

HIGH 36 - 65

VERY HIGH > 65

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## HEALTH HAZARD INFORMATION

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### HEALTH EFFECTS

<b>ACUTE</b>	The material is hazardous according to the criteria of Worksafe Australia. Danger of cumulative effects from continuing exposure.
<b>SWALLOWED</b>	Acute oral toxicity. LD 50 in a rat is 1140mg/kg.
<b>EYE</b>	The material can be absorbed via the eye.
<b>SKIN</b>	The material can be absorbed via the skin.

### CHRONIC EXPOSURE

The biological effect of overexposure is primarily methaemoglobinaemia, this presents as profound cyanosis usually in an otherwise well person. Methaemoglobin levels of >80% warrant treatment. Inhalation is the main route of entry to the body but skin absorption is rapid and may be significant. Chronic overexposure may cause anaemia.

### FIRST AID

<b>Swallowed</b>	Consult doctor immediately.
<b>Eye</b>	Rinse thoroughly with water for at least 5 minutes keeping the eyelid open. Seek medical advice if the effects persist after first aid treatment.
<b>Skin</b>	Remove any contaminated clothing and wash the skin thoroughly with soap and water.
<b>Inhaled</b>	Bring affected person to fresh air and ensure they are comfortable.

<b>FIRST AID FACILITIES</b>	Ample clean fresh water for washing of eyes and skin should be available at point of product use.
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<b>ADVISE TO DOCTOR</b>	Treatment (1) supplemental oxygen (2) injection of suitable reducing agent (Ascorbic Acid 500mg I.V.I. or Methylene Blue 1mg/kg I.V.I.). Preferable to have I.V. drip of Ringers or Hartmanns Solution. In very severe cases exchange transfusions should be considered. In minor cases, oral Ascorbic Acid is useful.
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## PRECAUTIONS FOR USE

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<b>Exposure Standards</b>	No exposure standard has been assigned by the National Occupational Health and Safety Commission (Worksafe Australia).
<b>Engineering Controls</b>	Use only in well ventilated areas. Local exhaust and general ventilation is recommended.
<b>Personal Protection</b>	Skin and eye contact should be avoided. Wear protective gloves made from latex or rubber. Basket shaped glasses are recommended for eye protection. Change work clothes that have been moistened or saturated with product. If ventilation is inadequate use suitable respiratory equipment.
<b>Flammability</b>	Combustible liquid, Class C1.

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## SAFE HANDLING INFORMATION

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### STORAGE AND TRANSPORT

<b>Storage</b>	Keep container tightly closed and store in a dry, well ventilated area, preferably below 20°C.
<b>Transport</b>	The product is classified as a dangerous good as defined by the Australian Code for the Transport of Dangerous Goods by Road or Rail. <b>Dangerous Goods Class:</b> 6.1 <b>Packaging Group:</b> 11 <b>Emergency Procedure Guide:</b> HAL 390

### SPILLS AND DISPOSAL

<b>Spills</b>	Remove all sources of ignition. Wear the personal protection measures outlined when dealing with spills. Ventilate the spill area, contain the spill with sand and absorb the spilled product with sand. Scrape up and collect in a suitable container.
<b>Disposal</b>	Must be brought to an authorised Special Waste Incineration Plant. Consult State/Territory Waste Disposal Authorities. Empty containers may be returned to TCP for recycling.

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## SAFE HANDLING INFORMATION *continued.*

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### FIRE / EXPLOSION HAZARDS

<b>Hazards</b>	The material is stable under normal conditions. No hazardous polymerisation reaction is expected.		
<b>Hazchem Code</b>	3XE		
<b>Health Hazard</b>	Hazardous according to criteria of Worksafe Australia.	<b>Flammability</b>	Combustible liquid Class C1.
<b>Reactivity</b>	Accelerator 101 reacts violently with oxidising materials. Avoid contact with oxidising materials such as Peroxide, Metal Chlorate, Perchlorate, Nitrate and Permanganate.	<b>Flash Point</b>	98 <sup>o</sup> C (DIN 51758)
<b>Ignition Temperature</b>	425 <sup>o</sup> C		
<b>Personal Protection</b>	Fire-fighters should wear full body protective clothing with self contained breathing apparatus.		
<b>Extinguishing Media</b>	Water fog, fine water spray, foam or dry agent, Carbon Dioxide.		
<b>Reactivity</b>			
<b>Special Precautions</b>	In case of fire, prevent by any means possible spillage from entering drains or water courses.		
<b>Special Fire / Explosion Hazard</b>	When heated to decomposition, the product emits toxic nitrous fumes.		
<b>Other Information</b>	Because of the toxic nature of the fumes in decomposition the immediate area should be cleared of all personnel.		

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## CONTACT POINT

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This Material Safety Data Sheet has been produced, following the principles and recommendations outlined in the Worksafe Australia National Code of Practice for the preparation of Material Safety Data Sheets (NOHSC 2011) March 1994.

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