



MATERIAL SAFETY DATA SHEET

ISSUE DATE: 10th Jan 2016

Product Name: ACTOL

Classified as Hazardous According to Criteria of Worksafe Australia

IDENTIFICATION

Product Name: ACTOL
Other Names:
Manufacturer's Code:
UN Number: N/A
Dangerous Goods Class: 3
Packaging Group: III
HAZCHEM Code: 3[Y]E
Poisons Schedule: Schedule 6
Product Use: General purpose spotting agent for use in dry cleaning systems

Physical Data

Appearance: Clear transparent white liquid
Melting Point: Not applicable
Boiling Point: Not known
Vapour Pressure: Not known
Specific Gravity: Approx. 0.86
Flashpoint: 6.5oC
Flammability Limit: Not known
Solubility in Water: Insoluble

Other Properties

Solubility in Perchloroethylene: Low Solubility
pH: Not Available

Ingredients

Chemical Name	CAS Number	Proportion
TOLUENE	108-88-3	>40%
PINE OIL	N/A	>40%
NON HAZ SURFACTANT	N/A	>15%

HEALTH HAZARD INFORMATION

Health Effects

Acute - Ingestion:	Ingestion may cause irritation to mouth, throat and stomach, possibly resulting in nausea and vomiting.
Acute - Eye:	Irritating to eyes.
Acute - Skin:	R38 Contact with skin causes skin irritation.
Acute - Inhalation:	R20 Harmful by inhalation. May cause dizziness, headache, nausea or mental confusion. Avoid inhaling vapour or spray mist.
Chronic:	R48 Risk of serious danger to health by prolonged exposure. Contains ingredients, which may cause liver and/or kidney, damage.

First Aid

Ingestion:	Seek medical advise immediately if swallowed. Rinse the mouth with water. Do not induce vomiting. Give plenty of water or milk to drink.
Eye:	S25 Avoid contact with eyes. If in eyes, hold open and flood with water for at least 15 minutes. In all cases of contamination, precautionary medical advise should be sought.
Skin:	Wash affected area with soap and water. Remove contaminated clothing, wash before re-use. If irritation persists, seek medical advise.
Inhalation:	Remove victim from exposure, transfer to fresh air. Apply artificial respirator if not breathing. Seek medical advise if effects persist.
First Aid Facilities:	General first aid kit on hand, eye bath and safety shower fitted where possible Ensure artificial respirator is on hand.

Advice to Doctor

If aspirated into the lungs, may cause chemical pneumonitis. Gastric lavage should only be given after endotracheal intubation. Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards:	No value assigned for this specific material by Worksafe Australia. For Toluene component: TWA - 100ppm (377mg/m ³) STEL - 150ppm(565mg/m ³)
Engineering Controls:	Ensure ventilation is adequate to maintain air concentrations below exposure standards. Keep containers closed when not in use.
Personal Protection:	Use good industrial hygiene. If inhalation risk occurs, wear organic respirator. avoid skin and eye contact by wearing chemically impervious rubber/PVC gloves, goggles and overall. Always wash hands after use.
Flammability:	This product is highly flammable and should not be exposed to heat, flame, sparks, static electricity or any other source of ignition. No Smoking within a reasonable distance from the product.

SAFE HANDLING INFORMATION

Storage and Transport

EPG:	3A1
Hazchem:	3[Y]E
Storage Precautions:	Site must be compliant with AS 1940 - The Storage and Handling of Flammable and Combustible liquids. No ignition sources, including static sparks, can be within three metres of housing. Goods stored with DG Class 5.1 and 5.2 must be in different rooms/spaces separated by minimum ten metres. Goods stored with DG Class 2.1,4.2,4.3 and/or 6.1 must have fire separation either of walls of 4 hour fire resistance or by at least five metres between which non-DG goods can be stored. Goods stored with DG Class 2.2,4.1,8 and/or 9 must be separated by minimum three metres between which non-DG goods can be stored. Keep containers tightly closed at all times. Check regularly for leaks. Store in clearly labelled containers. Storage must be fully compliant with Dangerous Goods(Storage & Handling) Regulations 1989.
Transport Detail:	This product is incompatible on placard load with Class 1 Explosives, 2.1 (if in bulk) Flammable Gases, 2.3 Toxic Gases, 4.2 Spontaneously Combustible, 5 Oxidising Substances, Nitromethane and 7 Radioactive Substances when carted by road and rail. Refer to compliance details in ACTDG 6th Edition. All appropriate safety wear and equipment suitable for Class 3 must be carried on vehicle with appropriate signage.

Spills and Disposal

Spills and Leaks:	Appropriate personal attire for Class 3 goods should be worn whilst attending to a spill/leak. Containers should be checked routinely on a regular basis for deterioration, spills or leaks. If a spill/leak occurs, chemical should be cleaned up immediately with appropriate media, being sand, soil or other, and disposed in an environmentally acceptable manner.
--------------------------	---

Fire/Explosion Hazard

Fire/Explosion Hazard:	Flammable liquid, vapours above the flashpoint can explode in air when ignited. Fire fighters should wear self-contained breathing apparatus if at risk of exposure to vapours or products of combustion
-------------------------------	--

OTHER INFORMATION

Environmental Data:	Do not release chemically contaminated water into drains, soils or surface water. Sufficient measures must be taken to retain the water used in extinguishing. Dispose of contaminant according to local regulations.
Toxicology:	No information available for this product. LD50 for Toluene (Rats) >7g/kg.

CONTACT POINT

If poisoning occurs, contact doctor or Poisons Information Centre on 131126 (Australia).

Company	Location	Phone Number	Contact
Stev-TEX Laboratories P/L	Melbourne	03 95552688	Steven Milroy

NON-WARRANTY: The information presented herein is believed to be factual as it has been derived from the works & opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which Stev-TEX Laboratories Pty Ltd bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

