

MATERIAL SAFETY DATA SHEET

CLEANING SOLUTION

IDENTIFICATION

PRODUCT TYPE: Spray Gun & Surface Cleaner	U.N. NUMBER: 1219
USE: General purpose cleaner	D.G. CLASS(ES): 3
PHYSICAL CHARACTERISTICS: Blue aqueous solution with characteristic fragrance.	HAZCHEM CODE: 2[Y]E
HAZARDOUS INGREDIENTS:	POISONS SCHED: Not Scheduled
Isopropanol Proportion >60%	SUBSIDIARY RISK: None Assigned
OTHER INGREDIENTS:	PACKAGING GROUP: II
Chelating agents Proportion <1%	
Surfactants <1%	
Propylene Glycol <1%	
Water <40%	
Fragrance <1%	
Colouring <0.1%	

HEALTH HAZARD INFORMATION

SWALLOWED: Harmful if swallowed. May cause drowsiness, gastrointestinal pain, cramps & nausea. Large amounts may cause unconsciousness and could even cause death. Lethal dose for humans for chief ingredient isopropanol is approximately 131gm.

EYES: Eye irritant.

SKIN: May be a skin irritant, and prolonged exposure may lead to dermatitis. Prolonged skin contact can lead to drying of the skin

INHALED: Irritant to nasal passages.

Vapours may cause irritation, drowsiness, dizziness, ataxia and deep narcosis.

PRECAUTIONS FOR USE

EXPOSURE STANDARD:	TWA	STEL
	ppm	mg/m ³
Isopropanol	400	983
	mg/m ³	ppm
		500
		1230

VENTILATION: Use in well ventilated areas. Maintain concentration below the exposure standard. Use local exhaust ventilation where necessary.

PERSONAL PROTECTION: If exposure limit is exceeded, wear organic vapour cartridge respirator. Wear impervious gloves in cases of prolonged contact. For normal use in well ventilated room, it is not considered likely that LEL or TWA will be exceeded.

FLAMMABILITY: This product is flammable. Store away from sources of heat and flame. Do not smoke whilst using this product.

FIRE FIGHTING PROCEDURES: Wear SCBA. Use foam, dry chemical carbon dioxide extinguishers. Water spray may be inefficient. Cool containers with water.

HAZARDOUS REACTION: Contact with strong oxidising agents increases risk of fire and explosion.

IMPORTANT NOTICE

This Material Safety Data Sheet (MSDS) is issued by Meridian Solutions P/L T/A TechnoTan in accordance with Worksafe Australia guidelines. As such, the information contained herein must not be altered, deleted or added to. TechnoTan will issue new a MSDS should there be a change in product specifications and/or Worksafe guidelines/regulations. TechnoTan will not accept responsibility for any changes made to its MSDS in content by any other person or organisation.



PHYSICAL PROPERTIES

APPEARANCE: Clear blue liquid
BOILING/MELTING POINT: MP=89°C, BP=82°C
VAPOUR PRESSURE: Not determined
FLASH POINT: 12°C (closed cup)
FLAMMABILITY LIMITS: LEL=2%, UEL=12%
DENSITY: 82-0.86
SOLUBILITY IN WATER: Complete
VOLATILES: Water, isopropanol
AUTOIGNITION: 399°C

FIRST AID

SWALLOWED: Rinse mouth thoroughly with water. Give water to drink. DO NOT induce vomiting. If vomiting occurs give water to drink to dilute stomach contents but limit to 1 cup. Seek immediate medical assistance.

EYES: If eye contact occurs rinse thoroughly with water for 15mins. Keep eyelids open while rinsing. Seek immediate medical assistance.

SKIN: Wash with water thoroughly. Remove contaminated clothing and wash before re-use.

INHALED: Remove to fresh air. Use artificial respiration if required and seek medical attention.

ADVICE TO DOCTORS (Emergency Treatment): Treat symptomatically.

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