


# Safety Data Sheet

## MARK IT DYE RED

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER			
Product Name	MARK IT DYE RED		
Product Code	MarItRed		
Product Use	Agricultural Dye Marker		
Company Name	Kleen West Distributors		
Address	Unit 3/22 Prestige Parade Wangara WA 6065		
Emergency Telephone	13 11 26		
Telephone	(08) 9303 2882		
Fax	(08) 9303 2306		
Web	www.kleenwest.com.au		
2. HAZARDS IDENTIFICATION			
Hazard Classification:	Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.		
Signal Word	Warning		
Pictogram			
Hazard Category	Eye Damage/Irritation: Category 2 Skin Corrosion / Irritation: Category 2 Specific Target Organ Toxicity (single exposure): Category 3 (respiratory tract irritation)		
Risk Phrases	H315 Causes skin irritation H319 Causes serious eye irritation H335 May cause respiratory irritation		
Precautionary Statement	Prevention: P261 Avoid breathing dust / fume/gas/mist/vapours/spray P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well ventilated area P280 Wear eye protection / face protection / protective gloves Response: P312 Call a POISON CENTRE / doctor if you feel unwell P304+P340 IF INHALED Remove person to fresh air and keep comfortable for breathing P302+P352 IF ON SKIN Wash with plenty of water P332+P313 If skin irritation occurs get medical advice / attention P362+P364 Take off contaminated clothing and wash it before reuse P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. Storage: P403+P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up Disposal: P501 Dispose of contents / container to an approved waste disposal plant		
Dangerous Goods	Not classified as a Dangerous Good according to the criteria of the ADG Code		
3. COMPOSITION/INFORMATION ON INGREDIENTS			
	Ingredient	CAS No.	Proportion
	Triethanolamine	102-71-6	15-20%
	Non-hazardous ingredients	-	to 100%

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<b>4. FIRST AID MEASURES</b>	
<b>Inhalation</b>	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
<b>Ingestion</b>	Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.
<b>Skin</b>	Remove all contaminated clothing. Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
<b>Eye</b>	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.
<b>First Aid Facilities</b>	Eye wash station, safety shower and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>5. FIRE FIGHTING MEASURES</b>	
<b>Extinguishing Media</b>	Carbon dioxide, dry chemical, foam, water mist or water spray
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including oxides of sulphur, sulphur dioxide, sulphur compound, carbon monoxide, carbon dioxide and oxides of nitrogen. Sulphur dioxide is a respiratory hazard.
<b>Precautions in connection with fire</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
<b>Emergency Procedures</b>	Slippery when spilt. Clean up spills immediately to avoid further accidents.
<b>Spills &amp; Disposals</b>	Small spills may be safely mopped up. When handling large spills, wear eye protection, gloves and safety boots. Contain spilled material using sand or earth. Prevent run-off into drains and waterways. Transfer spilled material to suitable containers for re-use or disposal. Transfer contaminated sand or earth to suitable containers for disposal. Clearly label all containers. After cleaning up, wash contaminated area with water.
<b>7. HANDLING AND STORAGE</b>	
<b>Storage</b>	Store in a cool, dry, well-ventilated area away from sources of ignition, foodstuffs, clothing and incompatible materials such as oxidising agents. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.
<b>Storage regulation</b>	Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940 2017.
<b>Handling</b>	Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using toilet facilities.
<b>8. EXPOSURE CONTROL/PERSONAL PROTECTION</b>	

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Exposure Standards	Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
	Triethanolamine	Safe Work Australia	TWA	5	Mg/m3	Sen
<b>Biological Limits</b>	None allocated					
<b>Engineering controls</b>	This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.					
<b>Personal Protective Equipment</b>	<p>Respiratory Protection: If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.</p> <p>Eye and Face Protection: Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 (series) - Eye Protectors for Industrial Applications.</p> <p>Hand Protection: Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.</p>					
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>						
<b>Appearance</b>	Red Liquid					
<b>Odour</b>	Odourless					
<b>pH (neat)</b>	8-9					
<b>Vapour Pressure</b>	Not determined					
<b>Vapour Density</b>	Not determined					
<b>Boiling Point/Range</b>	Not determined					
<b>Freezing/Melting point</b>	Not determined					
<b>Solubility in Water</b>	Soluble					
<b>Specific Gravity</b>	1.1 (20 °C) (approximate)					
<b>Flash Point</b>	Not applicable					
<b>Flammable Limits</b>	Not flammable					
<b>10. STABILITY AND REACTIVITY</b>						
<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.					
<b>Hazardous Reactions</b>	Reacts with incompatible materials					
<b>Incompatible Materials</b>	Strong oxidizing agents, acids & bases					
<b>11. TOXICOLOGICAL INFORMATION</b>						
<b>Health Hazard Summary</b>	No adverse health effects are expected if the product is handled in accordance with the label and this safety data sheet.					
<b>Inhalation</b>	May cause irritation to nose, throat & respiratory system.					
<b>Ingestion</b>	Ingestion may cause nausea, abdominal pain and vomiting.					
<b>Acute toxicity - oral</b>	LD50 (rat): >5000 mg / kg					
<b>Skin</b>	Causes skin irritation. Contact will cause redness, itching and swelling. Prolonged or repeated contact with the undiluted product may cause defatting of the skin, irritation, cracking and may lead to dermatitis.					
<b>Eye</b>	Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.					

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<b>Toxicity Data</b>	Germ cell Mutagenicity – Not considered to be a mutagenic hazard. Carcinogenicity - Not considered to be a carcinogenic hazard. Reproductive Toxicity – Not considered to be mutagenic hazard. STOT – Single Exposure – May cause respiratory irritation. STOT – Repeated Exposure – Not expected to cause toxicity to a specific target organ. Aspiration Hazard – Not expected to be an aspiration hazard.
<b>12. ECOLOGICAL INFORMATION</b>	
<b>Ecotoxicity</b>	Data given below
<b>Persistence and Degradability</b>	BOD 5: 0mg O2/g COD: 216mg O2/g TOC: 7% Biological degradation: 10-25% Test method: OECD 302B
<b>Mobility</b>	No data available.
<b>Environmental Protection</b>	Prevent this material entering waterways, drains & sewers.
<b>Acute Toxicity - Fish</b>	LC50 (Zebra fish): >1000mg/l/96h. Test method OECD 203
<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>Waste Disposal</b>	Normally suitable for disposal at approved waste site.
<b>Legislation</b>	Dispose of in accordance with applicable local and national regulations.
<b>14. TRANSPORT INFORMATION</b>	
<b>Not classified as a Dangerous Good according to the criteria of the ADG Code</b>	
<b>U.N. Number</b>	None allocated
<b>Proper Shipping Name</b>	None allocated
<b>Class and Subsidiary Risk(s)</b>	None allocated
<b>Packing Group</b>	None allocated
<b>Special Precautions</b>	None allocated
<b>Hazchem Code</b>	None allocated
<b>15. REGULATORY INFORMATION</b>	
	Classified as a scheduled poison according to the standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
<b>Poisons Schedule</b>	S5
<b>AICS</b>	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).
<b>16. OTHER INFORMATION</b>	
<b>Contact Point</b>	Anthony Benich
<b>Title</b>	Technical Manager
<b>Telephone</b>	08 9303 2882
<b>After Hours</b>	08 9303 2306
<p>The information contained in this Material Safety Data Sheet is believed to be accurate and reliable; however, Kleen West Distributors shall not be liable for any inaccuracy in the information or for any loss, injury or damage whatsoever arising from the use of this product as conditions and methods of use are beyond our control. Users should read this Material Safety Data Sheet and evaluate the information in the context of how the user intends to handle and use the product in the workplace including the use of this product with other products.</p>	

**End of Report**