



Material Safety Data Sheet

Date: 31/03/2017

MSDS 026

Section 1. Chemical Product and Company Identification

Product Name/Trade Name	SaniCide OPA 21	
Synonym	High Level Disinfectant	
Chemical Family	Phosphoric Acid	
Chemical Formula	N/A	
Manufacturer/Supplier	Sanichem(PTY) Ltd 141 Rochdale Road Springfield Park Durban 4091	Emergency Telephone No +27 31 579 3222

Section 2. HAZARDS IDENTIFICATION

Routes of Entry:	
Skin:	May cause irritation. May cause temporary staining of skin. Repeated exposure may cause dryness or cracking and may cause sensitization.
Eyes:	May cause eye irritation and redness.
Inhalation:	May cause irritation, including but not limited to, Coughing, wheezing, tightness of chest and throat, difficulty breathing, headache, dry mouth and tingling of mouth and lips.
Ingestion:	May cause gastrointestinal irritation, nausea, Vomiting and diarrhoea. May discolour the tissues of the digestive tract.
Carcinogenicity -	
NTP:	Not determined.
IARC Monographs:	Not determined
OSHA Regulated Carcinogen:	No

Section 3. COMPOSITION INFORMATION

Ingredients	OSHA ACG IH
CAS#	PEL TLV %
Ortho-Phthalaldehyde	643-79-8 N/D N/D <1

Section 4. FIRST AID MEASURES

Skin:	Wash skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, seek medical attention.
Eyes:	Flush with water for 15 minutes and seek medical attention.
Inhalation:	Remove to fresh air immediately. If breathing difficulty persists, seek medical attention.
Ingestion:	Do not induce vomiting. Rinse mouth followed by drinking large amounts of water. Seek medical attention.

Section 5. FIRE FIGHTING MEASURES

Special Fire Fighting Procedures:	N/A
Unusual Fire and Explosion Hazards:	N/A
Flash Point (Method Used):	N/A
Flammable Limits: LEL:	N/A UEL: N/A
Extinguishing Media:	N/A

Section 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:	Ventilate area; wear gloves and eye protection. Clean contaminated surface thoroughly. Discard residual solution in accordance with federal, state and local regulations.
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Section 7. HANDLING AND STORAGE

Precautions to be taken in Handling and Storing:	Keep in cool place. Use in well-ventilated area. Keep containers tightly closed.
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Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Mechanical (General):	Should be sufficient Protective Gloves: Chemical resistant gloves recommended
Eye Protection:	Eye protection recommended Work/Hygiene Practices: Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

Respiratory Protection:	Use in a well-ventilated area. Ventilation
Local Exhaust:	Adequate ventilation recommended – a minimum of 10 air exchanges per hour or as defined by state and local regulations.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	212 °F
Specific Gravity (H₂O = 1):	>1.000
Vapour Pressure (mm Hg):	Same as water
Vapour Density (AIR = 1):	Same as water
Solubility in Water:	Soluble
Appearance and Odour:	Clear bluish green solution with a slight odour
pH-	07 – 7.8

Section 10. STABILITY AND REACTIVITY

Stability:	Stable solution
Conditions to Avoid:	Avoid high temperatures above 100 °C (212 °F) and direct sunlight.
Incompatibility (Material to Avoid):	Acids, alkalines and strong oxidizing agents.

Section 11. TOXICOLOGICAL INFORMATION

Other Precautions:	Keep out of reach of children. Do not ingest. Avoid skin and eye contact. Wash contaminated clothing before reuse; discard if disposable. Avoid contamination of food.
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Section 12. ECOLOGICAL INFORMATION

Hazardous Decomposition By-products:	None known
Hazardous Polymerization:	Will not occur

Section 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

It is recommended that the spill be neutralized with appropriate substance in accordance with federal, state, and local regulations. Do not reuse empty container.

Section 14. TRANSPORTATION INFORMATION

Not DOT regulated.

Section 15. REGULATORY INFORMATION

Special Health and Safety Information:

None

Classification, Risk, and Safety Information for Label:

R36/38 Irritating to eyes and skin. S24/25 Avoid contact with skin and eyes. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

Section 16. OTHER INFORMATION

HMIS (Hazardous Material Identification System) Rating:

H1 F0 R [HMIS Hazard Index: 4 - Severe Hazard; 3 - Serious Hazard; 2- Moderate Hazard; 1- Slight Hazard; 0- Minimum Hazard]

DISCLAIMER

This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.