

Material Safety Data Sheet (MSDS)

OKITA pH PLUS (LIQUID LIME)

THE INFORMATION IN THIS MSDS WAS OBTAINED FROM CURRENT AND REPUTABLE SOURCES. IT IS HOWEVER THE USER'S RESPONSIBILITY BOTH TO DETERMINE SAFE CONDITIONS FOR USE OF THIS PRODUCT AND TO ASSUME LIABILITY FOR LOSS, INJURY, OR EXPENSE RESULTING FROM IMPROPER USE OF THIS PRODUCT.

Info	Identification
EPA Reg No	N/A
Manufacturer	OKEANOS TRUST P.O. Box 708, Durbanville 7551, South Africa +(27) 86 100 5051
Trade Name	Okita pH Plus (Liquid Lime)
Use of the Substance	Product for the Agricultural Industry according to the technical Data sheet.
Info	Fire, Explosion & Reactivity
Flash Points	N/A
Auto Ignition Temperature	N/A
Fire and explosion hazard	None
Extinguishing Media	Use any standard agent suitable for surrounding structural Fire or for other chemicals that may be involved.
Hazardous Combustion Products	Thermal decomposition will not occur.
Info	Physical Data
Physical Form	White opaque liquid
Color	White
Odor	Odourless
Boiling Point	N/A
Melting Point	N/A
Vapour Pressure	N/A
Solvent Solubility	Unknown
Molecular Weight	Unknown
Molecular Formula	CaCO ₃
Water Solubility	0.0014g / 100ml @ 25°C
Info	Protection Data
Ventilation	Use of local exhaust is recommended at product transfer Points.
Eye Protection	Wear safety glasses. Use of splash goggles is recommended.
Clothing	Wear trousers and long sleeved shirt to avoid skin contact With this product. Launder separately from household laundry.
Respirator	In the unlikely event of dust while handling product, use an NIOSH approved air-purifying dust respirator.
Emergency Wash Facilities	Where there is the potential that an employee's eyes and/or Skin may be exposed to this product, the employer should

	Provide an eye wash fountain and safety shower or another Source of running water within the immediate work area.
Info	Health Hazards
Potential health effects:	<p>Inhalation: May cause irritation of the nasal membranes and Upper respiratory tract.</p> <p>Skin Contact: May cause irritation.</p> <p>Eye Contact: Contact may cause irritation. Additional effects may include tearing or blurred vision.</p> <p>Ingestion: Ingestion should not cause any significant health problems.</p>
Long-Term and/or delayed effects	N/A
Info	Emergency First Aid
Inhalation	Remove from exposure area to fresh air. Get medical attention for irritation or any other symptoms.
Eye Contact	Flush eyes immediately with water or normal saline solution, Occasionally lifting upper and lower lids until no evidence Of product remains (approximately 15-20 minutes). Get Medical attention if irritation persists.
Skin Contact	Wash affected area with soap or mild detergent and rinse with water until no evidence of product remains. Get medical attention for irritation or any other symptoms.
Ingestion	Ingestion should not cause any significant health problems. If a large amount is ingested and if victim is conscious, give Large quantities of water. Seek medical attention.
Note to Physician	The decision as to whether the severity of exposure requires administration of any antidote and actual dose required should be made by qualified medical personnel.
Info	Spill, Leakage & Disposal Procedures
In case of Spill	Pick up dry spills by scooping, shoveling or vacuuming and place Into containers for reuse or disposal. Wear protective clothing And gloves. Keep unnecessary people away. Do not allow Product and/or runoff to enter sewers or waterways.
Info	Handling & Storage
Storage	Store in a cool, dry place.
Normal Handling	Avoid contact with skin and eyes. Wash thoroughly after handling

Stability and Reactivity Data	
Reativity	Product is stable
Conditions to Avoid	None
Incompatible materials	Reacts with strong acids and liberates carbon Dioxide.
Hazardous Decomposition	None
Polymerization	Will not occur
TOXICOLOGICAL INFORMATION	
Acute Toxicity	LD50: Unknown
Local Effects	Solutions may be irritating to skin, eye, ingestion
Eyes	Unknown
Inhalation	Inhalation of (unlikely) dust may cause irritation

	Of the respiratory tract.
Ingestion	Ingestion may cause irritation.
Delayed Chronic	Carcinogen Status: Limestone is not listed as a Carcinogen by OSHA, NTP, or IARC
Chronic Exposure	No data available

ECOLOGICAL INFORMATION	
-------------------------------	--

Acute Aquatic Toxicity	LC50 rainbow trout unknown
Degradability	No data available
Log Bioconcentration Factor	No data available
Log Octanol/Water partition coefficient	No data available

DISPOSAL CONSIDERATIONS	
--------------------------------	--

Waste Disposal	Product (as shipped) is not a RCRA hazardous Waste if discarded. Observe all Governmental, Provincial and Municipal regulations when disposing of this product.

TRANSPORT INFORMATION	
------------------------------	--

US DOT Shipping name	Calcium carbonate solution (lime slurry), NMFC 43700, class 50
US DOT Hazard Class	N/A
US DOT Identification Number	N/A
US DOT Packing Group	N/A
US DOT Label Code	N/A
Reportable Quantity	None

OTHER REGULATORY INFORMATION	
-------------------------------------	--

TSCA Status	N/A
Other TSCA Issues	N/A
SARA 311 Classification	N/A
SARA 311 Notification	N/A
CERCLA RQ's and TPQ's	N/A

OTHER INFORMATION	
--------------------------	--

Other	N/A