

MATERIAL SAFETY DATA SHEET – OXYSHOCK 100

Manufactured by: Aklean Industries, Inc.
2111 Catalina
Pasadena, TX 77503

FOR EMERGENCY CALL INFOTRAC
Telephone #: 1-800-535-5053
Outside US: 001-352-323-3500
Date Prepared: 12/31/2008

SECTION I – PRODUCT IDENTIFICATION

Product Name: Oxyshock 100
Synonyms:
Chemical Description: Oxidizer
Intended Use: A balance of all natural minerals, natural oxidizing agents, and buffers create a liquid treatment agent for drinking water purification, agricultural water treatment or chemical reactions for removal of soluble organics.

SECTION II – HAZARDOUS INGREDIENTS

Chemical ID	CAS Number	% Weight	OSHA PEL	ACGIH TLV
NA	007778			

SECTION III – PHYSICAL & CHEMICAL PROPERTIES

Appearance and Odor: Clear to translucent/slight chlorine odor. Liquid in deionized water base. pH: 10.5
Boiling Point °F/C: Specific Gravity (Water=1): 1.1
Vapor Pressure (mm Hg): Melting Point (°F/C):
Vapor Density (Air=1): Evaporation Rate (Butyl Acetate=1):
Solubility in Water: Fully miscible

SECTION IV – FIRE AND EXPLOSION HAZARD

Flash Point (Method): none Flammable Limits (LFL/UFL): NA
Extinguishing Media: NA
Special Fire Fighting Procedures: NA
Fire and Explosion Hazards: none

SECTION V – HEALTH HAZARD AND FIRST AID

Routes of Entry (Inhale, Ingest, Skin, Eye): ingest, skin, eye
Health Hazard (Acute and Chronic): Concentrate not for ingestion. Avoid eye and skin contact. Will cause skin irritation. None of the product content is listed by OSHA as a carcinogen for humans or animals and is appropriate for use as a drinking water purifier agent according to applicaton limits.

Carcinogen/Details:
OSHA Regulated?

Signs and Symptoms of Exposure: See "Health Hazard" above

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedures: Wash eyes, skin with soap and water, rinse thoroughly. If concentrate swallowed, may cause burns to digestive tract. Do Not induce vomiting; drink large quantities of water and any common cooking oil (vegetable).

SECTION VI – STABILITY AND REACTIVITY

Stability: Stable Conditions to Avoid: Avoid heat above 160°
Incompatibles: Acids, combustible materials, organics, reducing agents.
Hazardous Decomposition: Acids, or ammonia products release toxic gases.

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: Heat, organics, acids

SECTION VII – HANDLING AND STORAGE

Handling: Monogoggles, PVC gloves, and if dry material is handled, use breathing protection with an acid gas cartridge.

Respiratory Protection:

Ventilation:

Hand Protection: Rubber gloves

Eye Protection: Safety glasses or goggles

Other Protective Clothing/Equipment: Rubber apron when handling full strength.

Work/Hygienic Practices:

Storage: Store in cool, dark area. Keep container closed but vented.

Other Precautions: Keep away from children and untrained personnel.

SECTION VIII – SPILL AND DISPOSAL

Containment:

Clean-Up: Water wash down, soap and water on skin contact. Do not allow material to come in contact with acids, organics or ammonia.

Disposal: Disposal of waste may be subject to federal, state, and local regulations. Users should review their regulations.

Other Emergency Advice:

SECTION IX – TRANSPORTING

SECTION X – REGULATORY INFORMATION

SECTION XI – NFPA HAZARD RATINGS

		Health	1		
		Flammability	0		
		Reactivity	2		
0 = Minimal	1 = Slight	2 = Moderate	3 = Serious	4 = Severe	

SECTION XII – OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

SECTION XIII – REFERENCES

END