

# MATERIAL SAFETY DATA SHEET

Date of Revision: January 2006

## SECTION I - PRODUCT IDENTIFICATION

Manufactured by: **VentureTECH Corporation**  
10720 Lexington Drive  
Knoxville, TN 37932

Information Phone: (865) 966-2532  
Emergency Phone: (865) 544-9400

Chemical Name:

! NFPA Hazard Ratings: Health - 2  
! none -> extreme Fire - 0

Trade Name: **SCALE-OUT**

! 0 ----> 4 Reactivity - 0

Chemical Family:

Acidic

! Special Hazard Warning -

Formula:

Proprietary Blend of Phosphoric Acid  
and special Detergents

! Personal Protection -

## SECTION II - HAZARDOUS INGREDIENTS

Principal Hazardous Compound:	Percent:	CAS No:	TLV:
Phosphoric Acid (Corrosive)	0-51%	7664-38-2	
Dodecylbenzene Sulfonic Acid	0-8%	1886-81-3	

## SECTION III - PHYSICAL DATA

Appearance & Odor: Brown Liquid, Acidic Odor	Boiling Range: N/A
Percent Volatile by Volume: NA	Evaporation Rate: Non-Volatile
Specific Gravity: 1.3	Vapor Density: N/A
Wt. per Gallon: 10.8lb.	Solubility in Water: Complete
pH: 1.5	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: Non-Combustible Flash Point: None, LEL: UEL:

### Extinguishing Media:

Non-Volatile. Fight source of fire with water spray, carbon dioxide, chemical foam, dry chemical as required by surrounding fire.

### Special Fire fighting Procedures:

None are expected be to required. If this material is involved in a fire, NIOSH approved self contained respiratory should be worn. Thermal decomposition emits toxic fumes of oxides of Phosphorus and Sulfur

### Unusual Fire & Explosion Hazards:

None known

## SECTION V - HEALTH HAZARD DATA

### Permissible Exposure Level:

Not Established

### Effects of Overexposure:

PRIMARY ROUTES OF ENTRY:

( X ) Skin Contact ( X ) Eye Contact ( ) Inhalation ( X ) Ingestion

SIGNS AND SYMPTOMS OF EXPOSURE:

ACUTE: Severe irritant when inhaled or ingested.

CHRONIC: Chemical burns likely to exposed tissues.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory irritation from excessive breathing of mists or generated vapors. Causes eye burns on contact.

CARCINOGENICITY: ( ) OSHA ( ) NTP ( ) IARC

EMERGENCY PROCEDURES:

FIRST AID:

Inhalation: Remove from further exposure to fresh air. Support respiration if needed. Consult physician if symptoms persist.

Skin Contact: Remove contaminated clothing and wash contaminated areas with plenty of water for 15 minutes.

Eye Contact: Flush eyes immediately with large quantities of water for 15 minutes, lifting the eyelids occasionally. Get medical attention.

Ingestion: Do not induce vomiting. Give large quantities of milk or water. Consult physician if symptoms persist.

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## SECTION VI - REACTIVITY DATA

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### Stability:

( X ) Stable ( ) Unstable

### Incompatibility:

Bases, Metals such as mild steel and aluminum.

### Conditions to Avoid:

Reaction of materials with metal can liberate flammable/explosive Hydrogen.

### Hazardous Decomposition Products:

Oxides of Phosphorus and Sulfur

### Hazardous Polymerization:

( X ) Will not occur, ( ) May occur

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## SECTION VII SPILL OR LEAK PROCEDURES

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### Steps To Be Taken in Case Material is Released or Spilled:

Confine as much as possible. Dike and absorb with inert material such as Oil dry or Vermiculite. Neutralize with hydrated lime or soda ash. Transfer to containers for disposal. Small spills can be mopped up. Flush contaminated area with plenty of water. Avoid wash water entering natural waterways or public water supplies.

### Waste Disposal Method:

Dispose of waste in accordance with Federal, State, and local ordinances.

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## SECTION VIII - SPECIAL PROTECTION INFORMATION

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### Respiratory Protection:

Recommended, Not required

### Ventilation:

Local Exhaust. Good room ventilation usually adequate for most operations.

### Protective Gloves:

Impervious rubber or neoprene gloves recommended.

### Eye Protection:

Chemical type goggles or face shield recommended.

### Other Protective Equipment:

Wear appropriate protective clothing to prevent contact with product.

Wash hands thoroughly after use.

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## SECTION IX - SPECIAL PRECAUTIONS

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### Precautions To Be Taken in Handling and Storing:

Empty containers should be reconditioned by certified firms. Disposal of empty containers should be in accordance with applicable laws and regulations. Store in a cool, dry place. Keep container closed. Keep out of reach of children.

### Other Precautions:

The information in this data sheet has been assembled by the manufacturer based on its own studies and on the work of others. The manufacturer makes no warranties, express or implied as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

## SCALE-OUT