

**Product:** Bacta-Pur® ACTIVATOR GS

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**Description:** Bacterial Growth Enhancer

**SECTION 1: COMPANY IDENTIFICATION**

IET-Aquaresearch Ltd.  
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**SECTION 2: HAZARDOUS INGREDIENTS**

Name	CAS	%	PEL	LD/50 or LC/50
Ammonium chloride	12125-02-9	1-2	10 mg/m <sup>3</sup> (AICGH)	1650 mg/kg (oral, rat) 1300 mg/kg (oral, mouse)
Monopotassium phosphate	7778-77-0	10-13	N. Ap.	N. Av.
Dipotassium phosphate	7758-11-4	2-3	N. Ap.	>500mg/kg (oral, rat) >300 mg/kg (oral, mouse)

**SECTION 3: PHYSICAL DATA**

Physical State	Liquid
Odour	Vinegar odor
Appearance	Brown to dark orange
Vapor Pressure	Water
Specific Vapor Density	Water
Evaporation Rate	Water
Freezing Point	0°C
pH	6-7
Density	1.12
Solubility in Water (20°C)	Soluble

**SECTION 4: FIRE & EXPLOSION HAZARDS DATA**

Flammability	N. Ap.
Extinguishing Media	N. Ap.
Flash Point(°C)	N. Ap.
Hazardous Combustion Products	None



**SECTION 5: REACTIVITY DATA**

<i>Stability</i>	Stable
<i>Compatibility</i>	Incompatible with strong acid and alkali, silver salts
<i>Reactivity</i>	Stable
<i>Conditions to avoid</i>	Temperatures below 1°C or above 45°C
<i>Hazardous Polymerization</i>	None
<i>Hazardous Decomposition Products</i>	NH <sub>3</sub> , HCl, MgO, SO <sub>2</sub> , SO <sub>3</sub> (very high temperature)

**SECTION 6: HEALTH HAZARDS DATA**

<i>Skin Contact</i>	Can cause irritation on damaged skin
<i>Skin Absorption</i>	N. Av.
<i>Eye Contact</i>	Can cause irritation of eyes.
<i>Inhalation</i>	N. Av.
<i>Ingestion</i>	N. Av.
<i>Irritancy of Product</i>	See above
<i>Sensitizing Capacity of Product</i>	N. Av.
<i>Carcinogen Status</i>	None
<i>Reproductive Effects</i>	N. Av.
<i>Synergistic Material</i>	None

**SECTION 7: PREVENTIVE MEASURES**

<i>Gloves/type</i>	Chemical resistant gloves
<i>Respiratory/type</i>	N. Av.
<i>Eye/type</i>	Chemical safety goggles
<i>Footwear/type</i>	Safety shoes
<i>Clothing/type</i>	Wear impervious protective clothing
<i>Other/type</i>	Eye bath
<i>Engineering Controls</i>	Use local exhaust in all areas where dusty and misty conditions prevail
<i>Leak / Spill</i>	Collect liquid with absorbant. Dispose in accordance with regional regulations
<i>Handling Procedures</i>	Avoid contact with open wounds and eyes Avoid breathing dust or mist Maintain good personal hygiene after handling
<i>Storage Needs</i>	Store in cool dry place
<i>Shipping Instruction</i>	Not regulated by TDG



<b>SECTION 8: FIRST AID</b>	
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<i>In case of inhalation</i>	N. Ap.
<i>In case of ingestion</i>	Consult a physician
<i>In case of skin contact</i>	Remove any contaminated clothing and wash affected area with soap and water
<i>In case of eye contact</i>	Flush eye with large amount of running water for at least 20 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lid with water. Obtain immediate medical attention

Issue Date: 95/04/08

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Bernard Mallette,  
Safety Director  
IET-Aquaresearch Ltd.

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