## **MATERIALSAFETYDATASHEET**

Section 1. Identity of Material

PRODUCT NAME OF NUMBER 432-IT DPI	) #2 Tablet						
SYNONYMS Potassium Iodide							
FORMULA KI PLUS organic filler	CAS NUMBER	CHEMICAL FAMILY					
REGULATED	DOT PROPER SHIPPING NAME						
IDENTIFICATION	SHIPPING ID NUMBER UN NA EF	PA HAZARDOUS WASTE ID	NUMBER				
HARZA	RDOUS INGREDIENTS	%	TLV	CAS NO.	TXDS		
P	otassium lodide	30		7681-11-0	Oral mus 1862 mg/kg		

Section 2. Hazard Specifications

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KNOWN HAZARDS UNDER 29 CFR 1910.1200					TLV= mg/m2	ppm		
	YES	NO		YES	NO	PEL= mg/m2	ppm	
COMBUSTIBLE			SKIN HAZARD			NFPA HAZARD SIGNAL		
FLAMMABLE MATERIAL			EYE HAZARD			HEALTH	FLAMMABILITY	
PYROPHORIC MATERIAL			TOXIC AGENT			STABILITY	SPECIAL	
EXPLOSIVE MATERIAL			HIGHLY TOXIC AGENT			DOT HAZARD CLASS		
UNSTABLE MATERILA			SENSITIZER					
WATER REACTIVE MATERIAL			CARCINOGEN					
OXIDIZER			REPRODUTIVE TOXIN					
ORGANIC PEROXIDE			BLOOD TOXIN			EPA HAZARD WASTE CLASS		
CORROSIVE MATERIAL			NERVOUS SYSTEM TOXIN					
COMPRESSED GAS			LUNG TOXIN					
IRRITANT			LIVER TOXIN					
			KIDEY TOXIN					

Section 3. Safe Usage Data

	- Conton of Gale Coage Data
	EYES Coverall goggles
PROTECTIVE EQUIPMENT	RESPIRATORY N/A
TYPES	GLOVES Plastic Gloves
	OTHER
VENTILATION	GENERAL MECHANICAL N/A
	LOCAL EXHAUST N/A
PRECAUTIONS	HANDLING & STORAGE Store in room temperature
	OTHER

Section 4. Emergency Response Data

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	EXTINGUISHING MEDIA Water, Alcohol foam, Carbon Dioxide, Dry chemical
FIRE	SPECIAL PROCEDURES none
	UNUSUAL HAZARD
SPILLS	STEPS TO BE TAKEN Wash with plenty of water
RQ	WASTE DISPOSAL METHOD Wash down the drain with a large volume of water.

Sections 5. Physical Hazard Data

			Occupito of 1 hyc	I OAI I IAEAI	<del>u                                    </del>		
FLAMMABILITY	LFL none %			FLASH POINT	N/A	۰F	∘C
FLAMIMABILITY	ufl none %			METHOD USED	N/A		
	STABLE	Х	CONDITION TO AVOID				
STABILITY	UNSTABLE F		HAZARDOUS DECOMP.POTS.				
HAZARDOUS	MAY OCCUR		CONDITION TO AVOID				
POLYMERIZATION	WILL NOT CCUR	х					
INCOMPATIBILITY	MATERIALS TO AV	<sup>OID</sup> alka	aloidal salts, tartaric acid and o	ther acids, p	otassium chlo	rate, metallic salts.	

## Section 6. Health Hazard Data

EFFECT OF EXPOSURE	on't take internal	lly		
ENTRY ROUTE:	Inhale	Ingest	Skin	Eye
EMERGENCY TREATMENT	While no specia	al precautions are	indicated for l	handling this material, use of due care is recommended.

Section 7. Physical and Chemical Properties

	<u> </u>			
BOILING PT: N/A °F °C	VAPOR DENSITY		VOLATILE COMPONENTS	
VAOPR PRESS N/A mmHg	pH Sp. Gr. N/A			
solubility in H O soluble in water	WILL DISSOLVE IN		EVAPORATION RATE	
APPEARANCE White tablet		IS MATERIAL	PASTE POWDER	
<sup>ODOR</sup> Odorless		SOLIDX	LIQUIC GAS	

Section 8. Manufacturer or Supplier Data



## ORBECO ANYLYTICAL SYSTEMS, INC.

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NAME (PRINT) John Esposito
SIGNATURE
TITLE VP
DATE 1/2005
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