

**MATERIAL SAFETY DATA SHEET**

Printed: 6/30/09

**FASCAT® 4200 CATALYST****PRODUCT IDENTIFICATION AND USE**

MANUFACTURER: ARKEMA CANADA INC.  
700 THIRD LINE  
OAKVILLE, ONTARIO  
L6J 5A3

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PRODUCT IDENTIFIER: FASCAT® 4200 CATALYST

PRODUCT CODE: AP9132

PRODUCT USE: ESTERIFICATION CATALYST

WHMIS CLASSIFICATION: E - CORROSIVE MATERIAL.

**HAZARDOUS INGREDIENTS**

	% W/W	CAS #	TLV
DIBUTYLTIN DIACETATE	60-100	1067-33-0	ACGIH TWA = 0.1 MG/M3 (SKIN)
LD50: 900 - 1,235 MG/KG (ORAL-RAT)			ACGIH STEL = 0.2 MG/M3 (SKIN)
LD50: 2,320 MG/KG (DERMAL-RABBIT)			

ADDITIONAL INGREDIENT INFORMATION (WHMIS NOT CONTROLLED):  
NA

**PHYSICAL DATA**

PHYSICAL STATE: LIQUID

ODOUR AND APPEARANCE: STRAW YELLOW LIQUID WITH A SLIGHT ACETIC (VINEGAR) ODOUR.

ODOUR THRESHOLD: NE

SPECIFIC GRAVITY/DENSITY (G/ML): 1.32

VAPOUR PRESSURE: 1.31 @ 77°F

VAPOUR DENSITY (AIR=1): 12.1

VOLATILITY/VOL(%): NE

SOLUBILITY IN H2O: INSOLUBLE

EVAPORATION RATE: NE

BOILING POINT: 266°F @ 2 MM HG

FREEZING POINT: 50°F (APPROX)

PH: NA

LOG KOW: NE

**SHIPPING INFORMATION**

UN 3265, 8, III, CORROSIVE LIQUID, ACIDIC, ORGANIC, NOS (DIBUTYLTIN DIACETATE)

**FIRE AND EXPLOSION HAZARD**

FLAMMABILITY: NOT FLAMMABLE.

CONDITIONS: WILL BURN AT ELEVATED TEMPERATURES.

MEANS OF EXTINCTION: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL.

FLASHPOINT: 153 °C (PMCC)

UPPER EXPLOSION LIMIT (% V): NE

LOWER EXPLOSION LIMIT (%V): NE

AUTO-IGNITION TEMPERATURE: NE

HAZARDOUS COMBUSTION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, TIN OXIDES.

EXPLOSION DATA: NE

SENSITIVITY TO IMPACT: NO

NA - NOT APPLICABLE

NE - NOT ESTABLISHED

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SENSITIVITY TO STATIC DISCHARGE: NO

**REACTIVITY**

CHEMICAL STABILITY: STABLE  
INCOMPATIBLE MATERIALS: OXIDIZERS.  
CONDITIONS OF REACTIVITY: NE  
HAZARDOUS DECOMPOSITION PRODUCTS: NE

**HEALTH HAZARD INFORMATION**

## ROUTE OF ENTRY

SKIN CONTACT: CORROSIVE. MAY CAUSE BURNS.  
SKIN ABSORPTION: MAY BE HARMFUL.  
EYE: CORROSIVE. MAY CAUSE BURNS. MAY CAUSE BLINDNESS.  
INGESTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE BURNS OF MOUTH, THROAT AND DIGESTIVE TRACT.  
INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION.  
ACUTE OVER EXPOSURE EFFECTS: NE  
CHRONIC OVER EXPOSURE EFFECTS: NE  
SENSITIZATION: DOES NOT MEET WHMIS CRITERIA.  
CARCINOGENICITY: DOES NOT MEET WHMIS CRITERIA.  
TERATOGENICITY: DOES NOT MEET WHMIS CRITERIA.  
MUTAGENICITY: DOES NOT MEET WHMIS CRITERIA.  
REPRODUCTIVE TOXICITY: DOES NOT MEET WHMIS CRITERIA.

**PREVENTIVE MEASURES**

PERSONAL PROTECTIVE EQUIPMENT: WEAR SAFETY GOGGLES AND USE IMPERVIOUS GLOVES. WHERE AIRBORNE EXPOSURE IS LIKELY, WEAR A NIOSH APPROVED RESPIRATOR.  
SPECIFIC ENGINEERING CONTROLS: LOCAL EXHAUST IS RECOMMENDED.  
LEAK AND SPILL PROCEDURES: SOAK UP WITH AN ABSORBENT MATERIAL AND PLACE IN A CLOSED CONTAINER.  
WASTE DISPOSAL: HAZARDOUS WASTE. DO NOT ALLOW PRODUCT TO ENTER THE ENVIRONMENT. CONSULT FEDERAL OR LOCAL AUTHORITIES FOR APPROVED DISPOSAL METHODS.  
HANDLING PROCEDURES AND EQUIPMENT: WASH BEFORE EATING, DRINKING, USING TOBACCO PRODUCTS OR REST ROOMS.  
STORAGE REQUIREMENTS: KEEP IN A CLOSED, LABELED CONTAINER IN A VENTILATED AREA.

**FIRST AID MEASURES**

EYE FLUSH EYES WITH LARGE AMOUNT OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEEK MEDICAL ATTENTION.  
SKIN WASH SKIN WITH WATER AND SOAP. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.  
INGESTION DO NOT GIVE LIQUIDS IF PERSON IS UNCONSCIOUS OR VERY DROWSY. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.  
INHALATION REMOVE PERSON TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION AND ADMINISTER OXYGEN IF NECESSARY. SEEK MEDICAL ATTENTION.

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PREPARATION DATE	
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PREPARED BY:	TECHNICAL DEPARTMENT.
PHONE NUMBER OF PREPARER:	905-827-9841
DATE PREPARED (MM/DD/YY):	06/15/92
DATE REVISED (MM/DD/YY):	06/30/09

MINIMUM CONTACT WITH THIS AND ALL CHEMICALS IS RECOMMENDED AS A GOOD GENERAL POLICY TO FOLLOW.

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