

**MATERIAL SAFETY DATA SHEET**

Printed: 4/20/09

**FASCAT® 4202 CATALYST****PRODUCT IDENTIFICATION AND USE**

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

EMERGENCY PHONE NUMBER: (905) 827-9841 (ARKEMA)  
(613) 996-6666 (CANUTEC)

PRODUCT IDENTIFIER: FASCAT® 4202 CATALYST

PRODUCT CODE: AP9136

PRODUCT USE: CATALYST

WHMIS CLASSIFICATION: D2A - VERY TOXIC MATERIAL CAUSING OTHER TOXIC EFFECTS.  
D2B - TOXIC MATERIAL CAUSING OTHER TOXIC EFFECTS.

**HAZARDOUS INGREDIENTS**

	% W/W	CAS #	TLV
STANNANE, DIBUTYLBIS[(1-OXODODECYL)OXY]- LD50: >2,000 MG/KG (ORAL-RATS)	60-100	77-58-7	ACGIH TWA = 0.1 MG/M3 AS SN (SKIN) ACGIH STEL = 0.2 MG/M3 AS SN (SKIN)

ADDITIONAL INGREDIENT INFORMATION (WHMIS NOT CONTROLLED):  
NA

**PHYSICAL DATA**

PHYSICAL STATE: LIQUID

ODOUR AND APPEARANCE: OILY YELLOW LIQUID WITH A CHARACTERISTIC ODOUR.

ODOUR THRESHOLD: NE

SPECIFIC GRAVITY/DENSITY (G/ML): 1.05

VAPOUR PRESSURE: 0.11 MBAR @ 20°C

VAPOUR DENSITY (AIR=1): 1 @ 20°C

VOLATILITY/VOL(%): NE

SOLUBILITY IN H2O: (<1MG/L)

EVAPORATION RATE: NE

BOILING POINT: >350°C

FREEZING POINT: <10°C

PH: NA

LOG KOW: > 5

**SHIPPING INFORMATION**

THIS PRODUCT IS NOT TDG REGULATED.

**FIRE AND EXPLOSION HAZARD**

FLAMMABILITY: NOT FLAMMABLE.

CONDITIONS: WILL BURN AT ELEVATED TEMPERATURES.

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

FLASHPOINT: >100-120°C (TCC)

UPPER EXPLOSION LIMIT (% V): NE

LOWER EXPLOSION LIMIT (%V): NE

AUTO-IGNITION TEMPERATURE: NE

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, TIN OXIDES.

EXPLOSION DATA: NE

NA - NOT APPLICABLE

NE - NOT ESTABLISHED

**MATERIAL SAFETY DATA SHEET**

Printed: 4/20/09

**FASCAT® 4202 CATALYST**

SENSITIVITY TO IMPACT: NO  
SENSITIVITY TO STATIC DISCHARGE: NO

**REACTIVITY**

CHEMICAL STABILITY: STABLE  
INCOMPATIBLE MATERIALS: BASES. REDUCING AGENTS.  
CONDITIONS OF REACTIVITY: DECOMPOSES ABOVE >230°C  
HAZARDOUS DECOMPOSITION PRODUCTS: NE

**HEALTH HAZARD INFORMATION**

ROUTE OF ENTRY  
SKIN CONTACT: MAY CAUSE SEVERE IRRITATION.  
SKIN ABSORPTION: MAY BE ABSORBED.  
EYE: MAY CAUSE SEVERE IRRITATION.  
INGESTION: NE  
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: DIBUTYL TIN DILAURATE HAS CAUSED BIRTH DEFECTS IN ANIMALS.  
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. INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONEL. 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

NA - NOT APPLICABLE

NE - NOT ESTABLISHED

**MATERIAL SAFETY DATA SHEET**

Printed: 4/20/09

**FASCAT® 4202 CATALYST**

ATTENTION.

PREPARATION DATE	
------------------	--

PREPARED BY:	TECHNICAL DEPARTMENT.
PHONE NUMBER OF PREPARER:	905-827-9841
DATE PREPARED (MM/DD/YY):	04/15/02
DATE REVISED (MM/DD/YY):	04/20/09

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

THE INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, SINCE DATA, SAFETY STANDARDS, AND GOVERNMENT REGULATIONS ARE SUBJECT TO CHANGE AND THE CONDITIONS OF HANDLING AND USE, OR MISUSE ARE BEYOND OUR CONTROL, ARKEMA CANADA MAKES NO WARRANTY EXPRESSED OR IMPLIED, WITH RESPECT TO COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. USER SHOULD SATISFY HIMSELF THAT HE HAS ALL CURRENT DATA RELEVANT TO HIS PARTICULAR USE.