



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 02336

PRODUCT NAME: **SPLIT 430**

USE: Clay based, one-step flocculating chelant breaker

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B

CHEMICAL FAMILY: Chelant

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Adipic acid	1-5	000124-04-9	LD50 11000 mg/kg	oral/rat
Aluminium sulfate	1-5	010043-01-3	LD50 1930 mg/kg	oral/rat
Crystalline quartz	1-5	014808-60-7	not available	
Calcium oxide	1-5	001305-78-8	not available	

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural rubber or neoprene

Eye: Safety glasses

Footwear: Not required

Respiratory: NIOSH approved dust mask.

Other: Not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Avoid breathing dust.

VENTILATION REQUIREMENTS: General ventilation

INCOMPATIBILITY (Material to Avoid): None known

SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Sweep or scoop up material for disposal.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Pale gray to charcoal dry powder

S.G. / BULK DENSITY(g/cc): 2.5

pH: not available

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not available

BOILING POINT: not applicable

FREEZING POINT: not applicable

PERCENT VOLATILE: not applicable

SOLUBILITY IN WATER: insoluble

EVAPORATION RATE (water=1): not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause irritation.

SKIN: May cause irritation.

INGESTION: No serious or irreversible effect expected.

INHALATION: May cause irritation of respiratory tract.

LD50 (calculated): 1930 mg/kg		LC50 (calculated): Not applicable	
OTHER TOXIC EFFECTS: TLV: TWA (crystalline quartz): 0.1 mg/m3			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Repeated or prolonged dust inhalation may cause delayed respiratory injury.			
VI - FIRST AID MEASURES			
EYES:	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician.		
SKIN:	Flush affected area thoroughly with water. If irritation develops, contact a physician.		
INGESTION:	Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician.		
INHALATION:	Remove patient to fresh air. Get medical attention for any breathing difficulty.		
VII - FIRE AND EXPLOSION DATA			
FLAMMABLE: No			
FLASH POINT, °C: not applicable		AUTO IGNITION TEMPERATURE, °C: N/App.	
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []			
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.			
HAZARDOUS COMBUSTION PRODUCTS: None known			
EXPLOSIVE SENSITIVITY TO: not applicable			
VIII - REACTIVITY DATA			
STABILITY: Stable [x] Unstable []			
CONDITIONS TO AVOID: None known			
INCOMPATIBILITY (Material to Avoid) : None known			
HAZARDOUS DECOMPOSITION PRODUCTS: None known			
REACTIVITY: Not dangerously reactive.			
IX - MSDS PREPARATION			
SOURCES USED: RTECS		PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200	
PREPARATION DATE: April 15, 2003			
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