
MATERIAL SAFETY DATA SHEET

Page 1 of 3
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

SPLIT 431**MSDS ID: 04431**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SPLIT 431
PRODUCT DESCRIPTOR: EMULSION BREAKER
MANUFACTURER: JOHNSON DIVERSEY, INC.
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800)851-7145

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
QUARTZ - (14808-60-7)	<10	TLV 0.1; PEL 0.1 (RESPIRABLE)	MG/M3
CALCIUM HYDROXIDE (1305-62-0)	<5	TLV 2; PEL 2	MG/M3

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES

SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: MAY IRRITATE EYES AND SKIN. MISTS IRRITATE RESPIRATORY TRACT.
CHRONIC: SAME AS ACUTE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Sensitive skin

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.
SKIN: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.
INGESTION: GIVE WATER. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.
INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

FLASH POINT: N/A	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: N/A	UEL: N/A
UNUSUAL FIRE OR EXPLOSION HAZARDS:		KEEP AWAY FROM HEAT AND IGNITION SOURCES.	
EXTINGUISHING MEDIA:		CO2, DRY CHEMICALS, FOAM.	
FIRE FIGHTING INSTRUCTIONS:		WEAR PROTECTIVE GEAR AND SELF CONTAINED BREATHING APPARATUS IN FIRE AREA.	

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Page 2 of 3
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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: SMALL SPILLS: FLUSH TO DRAIN. LARGE SPILLS: ABSORB ON SUITABLE SORBENT MATERIAL, COLLECT AND RETURN TO CONTAINER.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURE CONTAINER TO EMPTY. KEEP FROM FREEZING. KEEP CONTAINER CLOSED. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP THIS PRODUCT AWAY FROM HEAT AND IGNITION SOURCES.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: FACE SHIELD AND/OR SPLASH GOGGLES AS REQUIRED TO PROTECT.
PROTECTIVE GLOVES: ACID RESISTANT
RESPIRATORY PROTECTION: NONE REQUIRED WITH NORMAL USE.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: SYNTHETIC APRON AND BOOTS.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): N/A SPECIFIC GRAVITY: 2.5000
VOLATILE BY VOLUME: N/A SOLUBILITY IN WATER: LOW
VAPOR PRESSURE (MMHG): N/A AT NA
APPEARANCE AND ODOR: BROWN LIQUID; ALCOHOL ODOR.

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: CHLORINATED PRODUCTS, STRONG OXIDIZERS.
HAZARDOUS DECOMPOSITION PRODUCTS: CO WITH INCOMPLETE COMBUSTION.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSEL OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

MATERIAL SAFETY DATA SHEET

Page 3 of 3
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XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

NONE

LISTED CARCINOGEN: NONE

NTP: NO IARC: YES OSHA: NO

HMIS RATINGS: HEALTH: 1 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: E

STATE RIGHT-TO-KNOW INFORMATION:

POLYPROPYLENE 5820 - CAS #25322-69-4

QUARTZ - CAS #14808-60-7

CALCIUM HYDROXIDE - CAS #1305-62-0

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.