



255 FOUNTAIN STREET
AKRON, OHIO 44304
(216) 535-2108

March 2, 1990

Skip Eady
Chardon Rubber
373 Washington Street
Chardon, OH 44024

SAMPLE/TECHNICAL REQUEST

Dear Mr. Eady:

Thank you for your interest in our products. In response to your request, the following are being sent to your attention:

	<u>ATTACHED</u>	<u>IN SAMPLE CONTAINER</u>
<u>X</u> Sample		
<u>X</u> Material Safety Data Sheet	<u>X</u>	<u>1</u>
____ Technical Data Sheet	____	____
____ Pricing Information	____	____

For the following Akrochem Corporation products:

AKROCHEM E-8850 Brown Oxide
AKROCHEM E-8851 Brown Oxide

note: 0.75 E-8851
0.25 E-8850

Best match to Mapico #418

Should you require further information or assistance, please call us on one of our Toll-Free Numbers: (Outside Ohio) call 1-800-321-2260, or (Inside Ohio) call 1-800-362-0003.

Very truly yours,

AKROCHEM CORPORATION

Timothy Miller
Timothy Miller
Manager Technical Services

TLM/lf

cc: Eugene M. Urban, Technical Sales Rep., Akrochem Corporation

FAX (216) 535-8947

CALL TOLL-FREE OUTSIDE OHIO (800) 321-2260

IN OHIO (800) 362-0003

TELEX 753053

CHARDO 02001



MATERIAL SAFETY DATA SHEET

(Approved by U.S. Department of Labor as "essentially similar" to Form LSB-00S-4)

SECTION I IDENTIFICATION OF PRODUCT	
MANUFACTURER	AKRON CHEMICAL COMPANY
EMERGENCY TELEPHONE NO.	216-535-2108
ADDRESS	255 Fountain St., Akron, Ohio 44304
TRADE NAME AND SYNONYMS	AKROCHEM® E-8850 MEDIUM BROWN IRON OXIDE 54750
CHEMICAL NAME AND SYNONYMS	IRON OXIDE CAS# 1309-38-2
CHEMICAL FAMILY	METAL OXIDE
MOLECULAR FORMULA	COLOR INDEX NO. 77491

SECTION II HAZARDOUS COMPONENTS OF MIXTURES					
COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)	COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)
OUR INTERPRETATION OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 INDICATES THIS PRODUCT SHOULD NOT BE CONSIDERED HAZARDOUS.					
Contains no SARA Title III chemical present at or above the de minimus concentration.					

SECTION III PHYSICAL DATA	
APPEARANCE AND ODOR	BROWN, ODORLESS POWDER
BOILING POINT (DEGREES FAHRENHEIT)	NA
SPECIFIC GRAVITY (WATER = 1)	3.8
VAPOR PRESSURE (MM. OF MERCURY)	NA
PERCENT VOLATILE (BY VOLUME)	NA
VAPOR DENSITY (AIR = 1)	NA
EVAPORATION RATE (BUTYL ACETATE = 1)	NA
SOLUBILITY IN WATER	INSOLUBLE
EVAPORATION RATE (ETHYL ETHER = 1)	NA

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (SPECIFY METHOD) (DEGREES FAHRENHEIT)	NA	FLAMMABLE LIMITS (PERCENT BY VOLUME)	LOWER NA UPPER
FIRE-EXTINGUISHING MEDIA	NONE (DOES NOT BURN)		
SPECIAL FIRE-FIGHTING PROCEDURES	NONE		
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE		

THIS INFORMATION IS GIVEN WITHOUT A WARRANTY OR REPRESENTATION. WE DO NOT ASSUME ANY LEGAL RESPONSIBILITY FOR SAME, NOR DO WE GIVE PERMISSION, INDUCEMENT, OR RECOMMENDATION TO PRACTICE ANY PATENTED INVENTION WITHOUT A LICENSE. IT IS OFFERED SOLELY FOR YOUR CONSIDERATION, INVESTIGATION AND VERIFICATION. BEFORE USING ANY PRODUCT, READ ITS LABEL.

CHARDO 02002

SECTION V HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	N/E TREAT AS INERT OR NUISANCE DUST
EFFECTS OF OVEREXPOSURE	N/A
EMERGENCY AND FIRST AID PROCEDURES	
EYE CONTACT: FLUSH WITH PLENTY OF WATER. CONSULT PHYSICIAN SKIN CONTACT: WASH WITH SOAP AND WATER.	

SECTION VI REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID N/A
	STABLE	XX	
INCOMPATIBILITY (Materials to avoid) N/A			
HAZARDOUS DECOMPOSITION PRODUCTS N/A			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID N/A
	WILL NOT OCCUR	XX	

SECTION VII SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED SWEEP OR VACUUM UP.	
WASTE DISPOSAL METHOD LANDFILL, IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.	

SECTION VIII SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) NIOSH APPROVED DUST RESPIRATOR			
VENTILATION	LOCAL EXHAUST	XX	SPECIAL
	MECHANICAL (General)		OTHER
PROTECTIVE GLOVES RECOMMENDED		EYE PROTECTION SAFETY GOGGLES	
OTHER PROTECTIVE EQUIPMENT N/A			

SECTION IX SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING N/A	
OTHER PRECAUTIONS N/A	

SECTION X DATE AND SOURCE OF INFORMATION		
DATE 11/5/89	NAME AND TITLE J.E. MYERS, MANAGER-TECHNICAL SERVICES	SHEET NUMBER

CHARDO 02003



MATERIAL SAFETY DATA SHEET

(Approved by U.S. Department of Labor as "essentially similar" to Form LSH-005-4)

SECTION I IDENTIFICATION OF PRODUCT	
MANUFACTURER AKRON CHEMICAL COMPANY	EMERGENCY TELEPHONE NO. 216-535-2108
ADDRESS 255 Fountain St., Akron, Ohio 44304	
TRADE NAME AND SYNONYMS AKROCHEM® E-8851 DARK BROWN IRON OXIDE 54800	
CHEMICAL NAME AND SYNONYMS IRON OXIDE CAS# 1309-38-2	
CHEMICAL FAMILY METAL OXIDE	MOLECULAR FORMULA COLOR INDEX NO. 77491

SECTION II HAZARDOUS COMPONENTS OF MIXTURES					
COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)	COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)
OUR INTERPRETATION OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 INDICATES THIS PRODUCT SHOULD NOT BE CONSIDERED HAZARDOUS. Contains no SARA Title III chemical present at or above the de minimus concentration.					

SECTION III PHYSICAL DATA	
APPEARANCE AND ODOR BROWN, ODORLESS POWDER	
BOILING POINT (DEGREES FAHRENHEIT)	NA
VAPOR PRESSURE (MM. OF MERCURY)	NA
VAPOR DENSITY (AIR = 1)	NA
SOLUBILITY IN WATER	INSOLUBLE
SPECIFIC GRAVITY (WATER = 1)	4.4
PERCENT VOLATILE (BY VOLUME)	NA
EVAPORATION RATE (BUTYL ACETATE = 1)	NA
EVAPORATION RATE (ETHYL ETHER = 1)	NA

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (SPECIFY METHOD) (DEGREES FAHRENHEIT)	NA	FLAMMABLE LIMITS (PERCENT BY VOLUME)	LOWER NA UPPER
FIRE-EXTINGUISHING MEDIA NONE (DOES NOT BURN)			
SPECIAL FIRE-FIGHTING PROCEDURES NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS NONE			

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CHARDO 02004

SECTION V HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	N/E TREAT AS INERT OR NUISANCE DUST
EFFECTS OF OVEREXPOSURE	N/A
EMERGENCY AND FIRST AID PROCEDURES	
EYE CONTACT: FLUSH WITH PLENTY OF WATER. CONSULT PHYSICIAN SKIN CONTACT: WASH WITH SOAP AND WATER.	

SECTION VI REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID N/A
	STABLE	XX	
INCOMPATIBILITY (Materials to avoid) N/A			
HAZARDOUS DECOMPOSITION PRODUCTS N/A			
HAZARDOUS POLY- MERIZATION	MAY OCCUR		CONDITIONS TO AVOID N/A
	WILL NOT OCCUR	XX	

SECTION VII SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED SWEEP OR VACUUM UP.	
WASTE DISPOSAL METHOD LANDFILL, IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.	

SECTION VIII SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) NIOSH APPROVED DUST RESPIRATOR			
VENTILATION	LOCAL EXHAUST	XX	SPECIAL
	MECHANICAL (General)		OTHER
PROTECTIVE GLOVES RECOMMENDED		EYE PROTECTION SAFETY GOGGLES	
OTHER PROTECTIVE EQUIPMENT N/A			

SECTION IX SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING N/A	
OTHER PRECAUTIONS N/A	

SECTION X DATE AND SOURCE OF INFORMATION		
DATE 1/5/89	NAME AND TITLE	SHEET NUMBER

J.E. MYERS, MANAGER-TECHNICAL SERVICES

CHARDO 02005