

DATA SHEET

4533 West North Avenue
Melrose Park, IL 60160

1. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME **Cochrane Compressor Company** CAS NUMBER: MIXTURE
MSDS CODE: 009395

ADDRESS 4533 West North Avenue
Melrose Park, IL 60160

EMERGENCY TELEPHONE NO. (800) 546-6040

NFPA HAZARD IDENTIFICATION

DEGREE OF HAZARD	HAZARD RATINGS
HEALTH: 0	0-LEAST
FIRE: 1	1-SLIGHT
REACTIVITY: 0	2-MODERATE
	3-HIGH
	4-EXTREME

TRADE NAME: SYN 825

SYNONYMS:

BY: ENVIRONMENTAL, SAFETY & HEALTH
(800) 546-6227

EFFECTIVE DATE: AUGUST 12, 1994
SUPERSEDES DATE: MARCH 12, 1993

2. INGREDIENTS

COMPONENT NAME CAS NUMBER	HAZARDOUS IN BLEND	PERCENTAGE		COMPONENT EXPOSURE LIMIT	UNIT
		MIN	MAX		
SYNTHETIC HYDROCARBONS MIXTURE	NO	80	TO 98	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
ANTIWEAR AGENT TRADE SECRET	NO	1	TO 10	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
ANTIOXIDANT TRADE SECRET	NO	0.5	TO 5	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
METAL PASSIVATOR MIXTURE	NO	0.1	TO 3	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT
ANTIFOAM BLEND TRADE SECRET	NO	<	0.01	OSHA PEL ACGIH TLV	NO LIMIT NO LIMIT

3. HEALTH INFORMATION AND PROTECTION

EYE CONTACT: THIS PRODUCT IS EXPECTED TO BE PRACTICALLY NON-IRRITATING UPON DIRECT CONTACT.

SKIN CONTACT: THIS PRODUCT MAY CAUSE SLIGHT SKIN IRRITATION UPON DIRECT CONTACT. PROLONGED OR REPEATED CONTACT MAY RESULT IN SLIGHT SKIN IRRITATION.

INHALATION: THIS PRODUCT HAS A LOW VAPOR PRESSURE AND IS NOT EXPECTED TO PRESENT AN INHALATION HAZARD AT AMBIENT CONDITIONS. CAUTION SHOULD BE TAKEN TO PREVENT AEROSOLIZATION OR MISTING OF THIS PRODUCT.

INGESTION: DO NOT INGEST. THIS PRODUCT IS RELATIVELY NON-TOXIC BY INGESTION. THIS PRODUCT HAS LAXATIVE PROPERTIES AND MAY RESULT IN ABDOMINAL CRAMPS AND DIARRHEA. SEE HEALTH DATA SECTION BELOW.

HEALTH DATA: THIS PRODUCT CONTAINS A LOW CONCENTRATION (< 2.0%) OF A TRIARYL PHOSPHATE. THE TRIARYL PHOSPHATE WHEN FED TO HENS AT HIGH DOSES INHIBITED PLASMA ACETYLCHOLINESTERASE, BUT NOT BRAIN NEUROTOXIC ESTERASE. THE TRIARYL PHOSPHATE DID NOT PRODUCE DELAYED PERIPHERAL NEUROTOXICITY IN HENS AFTER FEEDING AT HIGH DOSES. NOR DID IT PRODUCE SYMPTOMS OF CHOLINESTERASE INHIBITION IN RAT FEEDING STUDIES. SYMPTOMS OF CHOLINESTERASE INHIBITION INCLUDE SALIVATION, TEARING, NAUSEA AND CRAMPING. THE KIND OF TRIARYL PHOSPHATE BLENDED IN THIS PRODUCT WILL NOT BE ASSOCIATED WITH NERVOUS SYSTEM TOXICITY.
THIS PRODUCT IS NOT CARCINOGENIC ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD.

4. EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER AND CONTINUE FLUSHING UNTIL IRRITATION SUBSIDES. IF MATERIAL IS HOT, TREAT FOR THERMAL BURNS AND SEEK IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT: WASH CONTAMINATED AREA THOROUGHLY WITH SOAP AND WATER. IF MATERIAL IS HOT, SUBMERGE INJURED AREA IN COLD WATER.

INHALATION: THIS MATERIAL HAS A LOW VAPOR PRESSURE AND IS NOT EXPECTED TO PRESENT AN INHALATION EXPOSURE AT AMBIENT CONDITIONS. IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, REMOVE VICTIM FROM EXPOSURE.

INGESTION: THIS MATERIAL DOES NOT PRESENT ANY KNOWN INGESTION HAZARD.

5. PERSONAL HEALTH PROTECTION INFORMATION

EYE PROTECTION: EYE PROTECTION IS NOT REQUIRED UNDER CONDITIONS OF NORMAL USE. IF MATERIAL IS HANDLED SUCH THAT IT COULD BE SPLASHED INTO EYES, WEAR PLASTIC FACE SHIELD OR SPLASH-PROOF SAFETY GOGGLES.

SKIN PROTECTION: NO SKIN PROTECTION IS REQUIRED FOR SINGLE, SHORT DURATION EXPOSURES. FOR PROLONGED OR REPEATED EXPOSURES, USE IMPERVIOUS CLOTHING (BOOTS, GLOVES, APRONS, ETC.) OVER PARTS OF THE BODY SUBJECT TO EXPOSURE. IF HANDLING HOT MATERIAL, USE INSULATED PROTECTIVE CLOTHING (BOOTS, GLOVES, APRONS, ETC.). LAUNDRY SOILED CLOTHES. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDING SHOES, WHICH CANNOT BE DECONTAMINATED.

RESPIRATORY PROTECTION: RESPIRATORY PROTECTION IS NOT REQUIRED UNDER CONDITIONS OF NORMAL USE.

VENTILATION: GENERAL ROOM VENTILATION IS NORMALLY SUFFICIENT.

OTHER: CONSUMPTION OF FOOD AND BEVERAGE SHOULD BE AVOIDED IN WORK AREAS WHERE HYDROCARBONS ARE PRESENT. ALWAYS WASH HANDS AND FACE WITH SOAP AND WATER BEFORE EATING, DRINKING, OR SMOKING.

6. FIRE PROTECTION INFORMATION

FLASH POINT: 511 F TEST METHOD: C.O.C.
AUTOIGNITION TEMPERATURE: NO DATA TEST METHOD: NO DATA
FLAMMABLE LIMITS IN AIR % BY VOLUME LOWER: NO DATA UPPER: NO DATA
EXTINGUISHING MEDIA: USE DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.
SPECIAL FIRE FIGHTING PROCEDURES: WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FLAME. CAUTION SHOULD BE EXERCISED WHEN USING WATER OR FOAM AS FROTHING MAY OCCUR, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.
UNUSUAL FIRE AND EXPLOSIVE CONDITIONS: DENSE SMOKE MAY BE GENERATED WHILE BURNING. CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION.

7. REACTIVITY DATA

STABILITY (THERMAL, LIGHT, ETC.): STABLE
CONDITIONS TO AVOID: NONE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE
INCOMPATIBILITY MATERIALS TO AVOID: MAY REACT WITH STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

8. ENVIRONMENTAL PRECAUTIONS

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: CONSULT HEALTH EFFECT INFORMATION IN SECTION III, PERSONAL HEALTH PROTECTION INFORMATION IN SECTION V, FIRE PROTECTION INFORMATION IN SECTION VI, AND REACTIVITY DATA IN SECTION VII. NOTIFY APPROPRIATE AUTHORITIES OF SPILL. CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWERS OR WATERCOURSES. REMOVE ALL SOURCES OF IGNITION. LARGE SPILLS MAY BE PICKED UP USING VACUUM PUMPS, SHOVELS, BUCKETS, OR OTHER MEANS AND PLACED IN DRUMS OR OTHER SUITABLE CONTAINERS.
WASTE DISPOSAL METHOD: ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS. THE MATERIAL, IF SPILLED OR DISCARDED, MAY BE A REGULATED WASTE. REFER TO STATE AND LOCAL REGULATIONS. DEPARTMENT OF TRANSPORTATION (DOT) REGULATIONS MAY APPLY FOR TRANSPORTING THIS MATERIAL WHEN SPILLED. WASTE MATERIAL MAY BE LANDFILLED OR INCINERATED AT AN APPROVED FACILITY. MATERIALS SHOULD BE RECYCLED IF POSSIBLE.

9. MISCELLANEOUS

HANDLING AND STORAGE REQUIREMENTS: DO NOT TRANSFER TO UNMARKED CONTAINERS. STORE IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN FLAME, OR OXIDIZING MATERIALS. THIS PRODUCT IS NOT CLASSIFIED AS HAZARDOUS UNDER DOT REGULATIONS. FIRE EXTINGUISHERS SHOULD BE KEPT READILY AVAILABLE. SEE NFPA 30 AND OSHA 1910.106--FLAMMABLE AND COMBUSTIBLE LIQUIDS. SEE ALSO ADDITIONAL INFORMATION SECTION BELOW.

ADDITIONAL INFORMATION: THIS MIXTURE MAY BE FORMULATED IN PART WITH COMPONENTS PURCHASED FROM OTHER COMPANIES. IN MANY INSTANCES, ESPECIALLY WHEN PROPRIETARY OR TRADE SECRET MATERIALS ARE USED, PENNZOIL COMPANY MUST RELY UPON THE HAZARD EVALUATION OF SUCH COMPONENTS SUBMITTED TO PENNZOIL BY THAT PRODUCT'S MANUFACTURER OR IMPORTER.

THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY SARA TITLE III, SECTION 313 REPORTABLE CHEMICALS AT OR GREATER THAN 1.0% (0.1% FOR CARCINOGENS).

ALL INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY.

10. PHYSICAL PROPERTIES

BOILING POINT: NO DATA

PERCENT VOLATILE: NO DATA

MELTING POINT: NO DATA

VAPOR DENSITY
(AIR=1): NO DATA

APPEARANCE: ALMOST COLORLESS

EVAPORATION RATE
(EE=1): NO DATA

ODOR: SLIGHT CHEMICAL ODOR

SPECIFIC GRAVITY: .8457

VAPOR PRESSURE: NO DATA

MOLECULAR WEIGHT: NO DATA

SOLUBILITY: INSOLUBLE IN WATER, SOLUBLE IN MOST PETROLEUM

DISCLAIMER OF WARRANTY:

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