

~~COBALT DRIER~~

CP-32

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RUN DATE 10/22/82



# MATERIAL SAFETY DATA SHEET

Registered U.S. TM of Tenneco Inc.

REVISION DATE 101882

MANUFACTURER : TENNECO CHEMICALS, INC.  
NAME AND TITLE : J.R. HODGSON, MANAGER, TOXICOLOGY AND PRODUCT SAFETY

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EMERGENCY TELEPHONE NO. : (201)763-7173

## SECTION 01 IDENTIFICATION OF PRODUCT

TRADE NAME & SYNONYMS : NUODEX\*\* OCTOATE COBALT 12%  
CHEMICAL NAME & SYNONYMS : COBALT 2-ETHYLHEXANOATE SOLUTION  
MOLECULAR FORMULA : NOT APPLICABLE  
\*\* REGISTERED US. TRADEMARK OF TENNECO CHEMICALS, INC.

MSDS/PRODUCT NUMBER : 7968621  
CHEMICAL FAMILY : COBALT SCAP IN SOLVENT  
MOLECULAR WEIGHT :

## SECTION 02 HAZARDOUS COMPONENTS OF MIXTURES

COMPONENTS	PERCENT	THRESHOLD LIMIT VALUE	COMPONENTS	PERCENT	THRESHOLD LIMIT VALUE
HYDROQUINONE	<.1	2 MG/M3*			
MINERAL SPIRITS	26	100 PPM AS STODDARD SOLVENT*			

\*ACGIH, 1981.

## SECTION 03 PHYSICAL DATA

APPEARANCE AND ODOR : BLUE-VIOLET LIQUID, MINERAL SPIRITS ODOR.

BOILING POINT : 315-380F (SOLVENT)      MELTING POINT : NOT APPLICABLE  
 VAPOR PRESSURE : 1 MM @ 77F 2.5 MM @ 100F      SPECIFIC GRAVITY : > 1  
 VAPOR DENSITY : GREATER THAN AIR      PERCENT VOLATILE : 27  
 SOLUBILITY IN WATER : NEGLIGIBLE      EVAPORATION RATE : SLOWER THAN BU/AC

## SECTION 04 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : 105F SCC      FLAMMABLE LIMITS : 1-6% @ 77F

FIRE EXTINGUISHING MEDIA : WATER SPRAY, FOAM, CARBON DIOXIDE OR DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURE : BURNING WILL PRODUCE TOXIC FUMES. WEAR IMPERMEABLE PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS TO FIGHT FIRES. AVOID SPREADING LIQUID AND FIRE BY WATER FLOODING.

UNUSUAL FIRE AND EXPLOSION HAZARDS : EXPOSURE TO HEAT BUILDS UP PRESSURE IN CLOSED CONTAINERS. COOL WITH WATER SPRAY.

## SECTION 05 HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE : MIXTURE--SEE SECTION 2.

EFFECTS OF OVER EXPOSURE : CAUTION! MAY BE HARMFUL IF SWALLOWED. SYMPTOMS INCLUDE GASTROINTESTINAL IRRITATION, VOMITING AND DEPRESSION. BREATHING OF CONCENTRATED VAPORS MAY CAUSE HEADACHE AND INCOORDINATION. MAY CAUSE IRRITATION.

EMERGENCY 1ST AID PROCEDURE

: INHALATION--REMOVE TO FRESH AIR AND GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED. CALL A PHYSICIAN.  
 : INGESTION--CONTAINS MINERAL SPIRITS. DO NOT INDUCE VOMITING. ASPIRATION MAY LEAD TO PULMONARY EDEMA AND PNEUMONIA. CALL A PHYSICIAN. CONTACT--FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN IF IRRITATION PERSISTS. WASH SKIN WITH SOAP AND WATER.

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Cobalt DZ



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-----SECTION 06 REACTIVITY DATA-----

STABILITY: STABLE X CONDITIONS TO AVOID  
UNSTABLE

INCOMPATIBILITY : STRONG OXIDANTS.

HAZARDOUS DECOMPOSITION : BURNING WILL PRODUCE TOXIC FUMES.

HAZARDOUS POLYMERIZATION : CONDITIONS TO AVOID  
WILL NOT OCCUR

-----SECTION 07 SPILL OR LEAK PROCEDURES-----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED : REMOVE SOURCES OF IGNITION AND VENTILATE AREA. COVER WITH INERT ABSORBENT MATERIAL AND REMOVE TO DISPOSAL CONTAINER. OBEY ALL RELEVANT FEDERAL, STATE AND LOCAL LAWS.

WASTE DISPOSAL METHOD : OBEY RELEVANT LOCAL, STATE AND FEDERAL LAWS. DO NOT CONTAMINATE ANY LAKES, STREAMS, PONDS OR UNDERGROUND WATER SUPPLY.

-----SECTION 08 SPECIAL PROTECTION INFORMATION-----

RESPIRATORY PROTECTION : IF EXPOSURE EXCEEDS TLV'S USE APPROPRIATE NIOSH-APPROVED RESPIRATORY PROTECTIVE EQUIPMENT.

VENTILATION LOCAL EXHAUST : RECOMMENDED SPECIAL :  
MECHANICAL : RECOMMENDED OTHER :  
PROTECTION GLOVES : IMPERMEABLE GLOVES TO MINIMIZE SKIN CONTACT (NATURAL RUBBER OR LATEX).

EYE PROTECTION : CHEMICAL SPLASH GOGGLES OR FACE SHIELD.

OTHER PROTECTIVE EQUIPMENT : EYE WASH FOUNTAIN, SAFETY SHOWER. WASH CONTAMINATED CLOTHING BEFORE REUSE.

-----SECTION 09 SPECIAL PRECAUTIONS-----

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING : CAUTION: COMBUSTIBLE LIQUID-KEEP AWAY FROM HEAT AND FLAME. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE IRRITATION. AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING VAPORS OR SPRAY MIST. USE WITH ADEQUATE VENTILATION. HMIS RATINGS: HEALTH-1, FLAMMABILITY-2, REACTIVITY-0 (HEALTH RATINGS APPLY ONLY TO ACUTE EFFECTS AS DEFINED BY THE NATIONAL PAINT- AND COATINGS ASSOCIATION. SEE SECTIONS 2 & 5 FOR ADDITIONAL INFORMATION).

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ATTENTION: PLANT MANAGER