MATERIAL SAFETY DATA SHEET

TENNECO CHEMICALS, INC.

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

MSDS/PRODUCT NUMBER: 796862
CHEMICAL FAMILY: COBALT SCAP IN SOLVENT
MOLECULAR WEIGHT:

COMPONENTS | PERCENT THRESHOLD LIMIT VALUE | THRESHOLD LIMIT VALUE
---|---|---
HYDROQUINONE | < .1 2 MG/M3* | 26 100 PPM AS SOUDARD SOLVE
MINERAL SPIRITS | 26 | NT*

ACGIH, 1981.

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

BOILING POINT: 315-380F (SOLVENT)
VAPOR PRESSURE: 1.1 MM @ 77F 2.5 MM @ 100F
VAPOR DENSITY: GREATER THAN AIR
SOLUBILITY IN WATER: NEGLIGIBLE
MELTING POINT: NOT APPLICABLE
SPECIFIC GRAVITY: > 1
PERCENT VOLATILE: 27
EVAPORATION RATE: SLOWER THAN BU/AC

FLASH POINT: 110F SGC
FIRE EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CARBON DIOXIDE OR DRY CHEMICAL.
SPECIAL FIRE FIGHTING PROCEDURE: APPARATUS TO FIRE FIGHT FIRE. AVOID SPREADING LIQUID AND FIRE BY WATER FLOODING.

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

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.

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.

EMERGENCY 1ST AID PROCEDURE:

HEALTH HAZARD DATA:
MATERIAL SAFETY DATA SHEET

TRADE NAME & SYNONYMS: MONODEX® OCTOATE COBALT 12%
NAME AND TITLE: J.R. HUDSON, MANAGER, TOXICOLOGY AND PRODUCT SAFETY

STABILITY: STEADY AT ROOM TEMPERATURE. CONDITIONS TO AVOID: STRONG OXIDANTS.

HAZARDOUS DECOMPOSITION: BURNING WILL PRODUCE TOXIC FUMES.
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

REACTIVITY DATA

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: IMPERVIOUS 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 (HMIS RATINGS APPLY ONLY TO ACUTE EFFECTS AS DEFINED BY THE NATIONAL PAINT AND COATINGS ASSOCIATION. SEE SECTIONS 2 & 5 FOR ADDITIONAL INFORMATION).

TENNECO CHEMICALS INC
C/O CHEMICAL DIST INC
2262 NW NICOLAI
PORTLAND OR 97210

ATTENTION: PLANT MANAGER

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