

CHAMPION CHEMICAL CO. -- NEO-FORM ARTERIAL EMBALMING FLUID -- 9930-00-935-3639

===== Product Identification =====

Product ID:NEO-FORM ARTERIAL EMBALMING FLUID

MSDS Date:09/01/1992

FSC:9930

NIIN:00-935-3639

MSDS Number: BYCMJ

=== Responsible Party ===

Company Name:CHAMPION CHEMICAL CO.

Address:400 HARRISON ST

Box:967

City:SPRINGFIELD

State:OH

ZIP:45501-0967

Country:US

Info Phone Num:513-324-5681

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CAGE:MO291

=== Contractor Identification ===

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Company Name:CHAMPION CO THE SPECIAL PRODUCTS DIV

Address:400 HARRISON ST

Box:967

City:SPRINGFIELD

State:OH

ZIP:45501-0967

Country:US

Phone:513-324-5681

CAGE:94231

===== Composition/Information on Ingredients =====

Ingred Name:FORMALDEHYDE (SARA 302/313)

(CERCLA)
CAS:50-00-0
RTECS #:LP8925000
Fraction by Wt: 15%
OSHA PEL:SEE 1910.1048
ACGIH TLV:C 0.3 PPM, A2; 9495
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 40%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 200 PPM
ACGIH TLV:S,200PPM/250STEL; 95
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT)
T) WAS NOT STATED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:SWALLOWING THE LIQUID CAUSES
INEBRIATION, HEADACHE, NAUSEA & VOMITING LEADING TO SEVERE ILLNESS,
BLINDNESS & PERHAPS DEATH.
Explanation of Carcinogenicity:CONTAINS F [50-00-0] WHICH IS
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:INEBRIATION, HEADACHE, NAUSEA & VOMITING
LEADING TO SEVERE ILLNESS, BLINDNESS & PERHAPS DEATH.
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION ON MSDS.

===== First Aid Measures =====

First Aid:EYES:CALL PHYSICIAN, IMMEDIATELY FLUSH W/PLENTY OF WATER.
SKIN:WASH W/SOAP & WATER, FLUSH FOR ABOUT 15 MIN. INHALATION:REMOVE
TO FRESH AIR, GIVE OXYGEN OR ARTIFICIAL RESPIRATION.
INGESTION:INDUCE VOMITING, GIVE MILK FREELY IF CONSCIOUS.

===== Fire Fighting Measures

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Flash Point Method:COC

Flash Point:120F,49C

Lower Limits:6.7

Upper Limits:72

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. COOL
CONTAINER W/WATER SPRAY.

Unusual Fire/Explosion Hazard:MFR GAVE NO INFORMATION ON MSDS.

===== Accidental Release Measures =====

Spill Release Procedures:FLUSH SPILLED MATERIAL TO SEWER W/LARGE
VOLUMES OF WATER - IF ALLOWED

. NEUTRALIZE W/5% SOLUTIONS OF AMMONIA
OR SODIUM SULFITE.

Neutralizing Agent:5% SOLUTIONS OF AMMONIA OR SODIUM SULFITE.

===== Handling and Storage =====

Handling and Storage Precautions:MAINTAIN ADEQUATE VENTILATION &
ENGINEERING CONTROLS TO ENSURE EXPOSURE LEVELS BELOW OSHA LIMITS.
AVOID PROLONGED INHALATION OR CONTACT W/SKIN OR EYES

Other Precautions:KEEP BOTTLES TIGHTLY CAPPED. KEEP AWAY FROM HEAT &
FLAMES. STORE AT TEMPERATURES NO LOWER TH
AN 45F NOR HIGHER THAN
110F.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:UNNECESSARY IF AREA IS ADEQUATELY VENTILATED,
FORMALDEHYDE RESPORATOR MASK (3M).

Ventilation:GENEARL MECHANICAL VENTILATION IS ACCEPTABLE IF NECESSARY.
LOCAL VENTILATION IS PREFERRED.

Protective Gloves:PLASTIC TYPE.

Eye Protection:COVERALL GOGGLES

Other Protective Equipment:SAFETY SHOWER, EYE BATH, APRON

Work Hygienic Practices:MFR:?. HMIS:USE GOOD CHEMICAL HYGIEN

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PRACTICES. AVOID CONTACT IF AT ALL POSSIBLE. WASH THOROUGHLY AFTER
HANDLING.

Supplemental Safety and Health
NONE

===== Physical/Chemical Properties =====

HCC:T4

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:180F,82C

Vapor Density:1

Spec Gravity:0.985

Evaporation Rate & Reference:1 (N-BUAC = 1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR WATER-WHITE LIQUID, MODERATE IRRITATING ODOR

Percent Volatiles by Volume:40

===== Stability an

d Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

OXIDANTS (ACIDS)

Stability Condition to Avoid: SPARKS, HEAT, & FIRES

Hazardous Decomposition Products: AT ELEVATED TEMPERATURES, RELEASES
FORMALDEHYDE GAS, CARBON DIOXIDE, CARBON MONOXIDE.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods: FLUSH TO CHEMICAL SEWER, INCINERATE, DISPOSE IN
SANITARY LANDFILL OR FLUSH TO WASTE TREATMENT SYSTEM.

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