

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

Product ID:NEO-FORM ARTERIAL EMBALMING FLUID

MSDS Date:09/01/1992

FSC:9930

NIIN:00-935-3639

MSDS Number: BYCMK

=== 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

Emergency Phone Num:513-324-5681

CAGE:MO291

=== Contractor Identif

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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: 35%

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: 21.25%  
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) 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 VOMI TING, GIVE MILK FREELY IF CONSCIOUS.

===== Fire Fighting Measures =====

Flash Point Method:COC  
Flash Point:16

3F,73C

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

Supplemental Safety and Health

THIS PRODUCT DOES NOT APPEAR TO FIT THE NSN.

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

HCC:T4

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:205F,96C

Vapor Density:1

Spec Gravity:1.083

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

Solubility in Water:COMPLETE

Appearance and Odor:REDDISH, CLEAR LIQUID, PUNGENT IRRITATING ODOR

Percent Volatiles by Volume:21

===== Stability and Reactivity Data =====

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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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