

## **COOLANOL 25R DIELECTRIC TRANSFER FLUID**

### **MSDS Number**

CCSTZ

### **National Stock Number**

9160-00-965-2376

### **Product Name**

COOLANOL 25R DIELECTRIC TRANSFER FLUID

### **Manufacturer**

CHEVRON CHEMICAL CO AGRICULTURAL CHEMICAL DIV

### **Product Identification**

Product ID: COOLANOL 25R DIELECTRIC TRANSFER FLUID

MSDS Date: 03/14/1995

FSC: 9160

NIIN: 00-965-2376

MSDS Number: CCSTZ

### **Responsible Party**

CHEVRON CHEMICAL CO AGRICULTURAL CHEMICAL DIV

575 MARKET ST

SAN FRANCISCO , CA 94119

US

Emergency Phone: 415-233-3737

Info Phone: 415-233-3737

Cage: 2H740

### **Contractor**

CHEVRON PRODUCTS CO GLOBAL LUBRICANTS

SAN FRANCISCO, CA 94105-2870

US

800-228-3500/415-894-0703

Cage: 2H740

### **Ingredients**

ORGANOSILICATE ESTER

Fraction By Weight: >99.0%

### **ADDITIVES**

Fraction By Weight:

### **Hazards**

LD50 LC50 Mixture: DERMAL LD50 (RABBIT) IS >7.94 G/KG

Routes of Entry: Inhalation: NO Skin: YES Ingestion: NO

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: EYES- SLIGHTLY IRRITATING TO EYES & COULD CAUSE PROLONGED IMPAIRMENT OF VISION. SKIN- MODERATE SKIN IRRITANT. INGESTION- CONSIDERED PRACTICALLY NON-TOXIC TO INTERNAL ORGANS. INHALATION- CONSIDERED PRACTICALLY NON-TOXIC TO INTERNAL ORGANS.

Effects of Overexposure: EYES- MAY INCLUDE PAIN, TENDR, REDNESS AND BLURRED VISION. SKIN- MAY INCLUDE PAIN OR A FEELING OF HEAT,

DISCOLORATION, SWELLING AND BLISTERING.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYE: FLUSH EYES IMMEDIATELY WITH FRESH WATER FOR 15 MIN. IF IRRITATION PERSISTS, SEE A DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. SEE A DOCTOR IF SYMPTOMS OCCUR. INGESTION : NO FIRST AID ARE REQUIRED. INHALATION: SINCE THIS MATERIAL IS NOT EXPECTED TO BE AN INHALATION PROBLEM, NO FIRST AID PROCEDURES ARE REQUIRED.

## Fire Fighting

Flash Point Method:COC  
Flash Point:350F,177C  
Autoignition Temp:Autoignition Temp Text:480F  
Lower Limits:NDA  
Upper Limits:NDA  
Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE OR ANY CLASS B EXTINGUISHING AGENT.  
Fire Fighting Procedures:FOR FIRES, DO NOT ENTER ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING SELF- CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:NORMAL COMBUSTION FORMS CARBON DIOXIDE, WATER VAPOR & MAY PRODUCE CARBON MONOXIDE OR LOW MOLECULAR WEIGHT HYDROCARBONS. HEATING MAY PRODUCE SILICATE ESTERS.

## Accidental Release

Spill Release Procedures:COVER SPILL WITH A ABSORBENT CLAY OR LIME SOIL. USE A STIFF BROOM TO MIX THOROUGHLY. SWEEP UP & PLACE IN A DISPOSABLE CONTAINER. SCRUB AREA WITH DETERGENT & WATER USING A STIFF BROOM. PICK UP LIQUID WITH ADDITIONAL ABSORBENT & PLACE IN CONTAINER.

## Handling

Handling and Storage Precautions:STORE AWAY FROM STRONG OXIDIZING MATERIALS. DO NOT WELD, HEAT OR DRILL CONTAINER. REPLACE CAP OR BUNG.  
Other Precautions:EMPTIED CONTAINER STILL CONTAIN HAZARDOUS MATERIAL WHICH MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEATED SUFFICIENTLY. CAUTION! DO NOT USE PRESSURE TO EMPTY DRUM OR DRUM MAY RUPTURE WITH EXPLOSIVE FORCE.

## Exposure Controls

Respiratory Protection:IF OPERATING CONDITIONS RESULT IN AIRBORNE MISTS OR VAPORS OF THIS MATERIAL, THE USE OF AN APPROVED RESPIRATOR IS RECOMMENDED.  
Ventilation:NO SPECIAL VENTILATION IS USUALLY NECESSARY. HOWEVER, IF HIGH AIRBORNE CONCEN. IS CREATED, SPECIAL VENTILATION IS NEEDED  
Protective Gloves:NO SPECIAL SKIN PROTECTION IS NECESSARY.  
Eye Protection:NO SPECIAL EYE PROTECTION IS NECESSARY.  
Other Protective Equipment:SKIN CONTACT CAN BE MINIMIZED BY WEARING PROTECTIVE CLOTHING.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
READ THE ENTIRE DOCUMENT AND LABEL BEFORE USING THIS PRODUCT.

## Chemical Properties

HCC:N1  
Boiling Pt:B.P. Text:NDA  
Melt/Freeze Pt:M.P/F.P Text:NDA  
Decomp Temp:Decomp Text:NDA  
Vapor Pres:0.009  
Vapor Density:17  
Spec Gravity:0.889-  
pH:NDA  
Viscosity:6.1-6.7 CST  
Evaporation Rate & Reference:NDA

Solubility in Water:VERY LOW SOLUBILITY  
Appearance and Odor:CLEAR, LIQUID WITH A MILD, SWEET ODOR.  
Percent Volatiles by Volume:NDA

## Stability

Stability Indicator/Materials to Avoid:YES  
MAY REACT WITH STRONG OXIDIZING AGENTS, SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.  
Stability Condition to Avoid:AVOID CONTACT WITH WATER AT HIGH TEMPERATURE.  
Hazardous Decomposition Products:PRODUCTS OF DECOMPOSITION MAY INCLUDE SILICON DIOXIDE.  
Conditions to Avoid Polymerization:POLYMERIZATION WILL NOT OCCUR.

## Disposal

Waste Disposal Methods:PLACE CONTAMINATED MATERIAL IN DISPOSABLE CONTAINER & DISPOSE OF IN A MANNER CONSISTANT WITH APPLICABLE REGULATIONS. CONTACT LOCAL ENVIRONMENTAL OR HEALTH AUTHOROTIES FOR APPROVED DISPOSAL OF THIS MAT ERIAL.

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