

CAIN CHEMICAL INC -- DOT 3 NOTOR VEHICLE BRAKE FLUID -- 9150-00-231-9071

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Product Identification  
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Product ID:DOT 3 NOTOR VEHICLE BRAKE FLUID

MSDS Date:06/01/1988

FSC:9150

NIIN:00-231-9071

MSDS Number: BWCWD

=== Responsible Party ===

Company Name:CAIN CHEMICAL INC

Box:27702

City:HOUSTON

State:TX

ZIP:77227-7702

Country:US

Info Phone Num:713-623-2246

Emergency Phone Num:800-533-CAIN

Prepar

er's Name:GREG KRENEK

CAGE:CAINC

=== Contractor Identification ===

Company Name:CAIN CHEMICAL INC

Address:ELEVEN GREENWAY PLAZA, SUITE 2700

Box:27702

City:HOUSTON

State:TX

ZIP:77227-7702

Country:US

Phone:713-623-2246

CAGE:CAINC

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Composition/Information on Ingredients  
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Ingred Name:NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carc

inogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE IRRITATION TO SKIN AND EYES. PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE DERMATITIS. VAPORS MAY BE IRRITATING TO NOSE, THROAT AND RESPIRATORY TRACT. MAY BE HARMFUL IF INGESTED. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. CHRONIC: EMBRYOTOXICITY, FETOTOXICITY.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CONFIRMED OR SUSPECTED CARCINOGENS.

Effects of Overexposure:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. MAY CAUSE DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, LOSS OF COORDINATION, VOMITING AND DIARRHEA. ASPIRATION PNEUMONITIS MAY CAUSE COUGHING, LABORED BREATHING, CYANOSIS, AND IN SEVERE CASES, UNCONSCIOUSNESS OR DEATH BY ASPHYXIATION.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE KIDNEYS OR LIVER MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE. INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH & DRINK LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.

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

Flash Point:>200F,>93C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, ALCOHOL FOAM, OR DRY CHEMICAL. WATER SPRAY OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Exp

losion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:WIPE UP SMALL SPILLS WITH PAPER TOWEL. WEAR  
GLOVES, GOGGLES & RESPIRATOR. VENTILATE AREA. DO NOT BREATHE VAPOR.  
ELIMINATE IGNITION SOURCES. DIKE TO RETAIN RUNOFF. VACUUM OR PUMP  
FREE LIQUID. ABSORB RE SIDUE WITH INERT MATERIAL & PLACE IN SALVAGE  
DRUM.

Neutralizing Agent:DILUTE WITH WATE  
R

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. KEEP  
CONTAINERS CLOSED WHEN MATERIAL IS NOT IN USE. KEEP AWAY FROM  
IGNITION SOURCES. AVOID PROLONGED OR REPEATED CONTACT.

Other Precautions:NONE

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE  
RESPIRATOR WITH FULL FACEPIECE AND ORGANIC VAPOR CARTRIDGES IN  
COMB

INATION WITH A HIGH-EFFICIENCY PARTICULATE FILTER.

Ventilation:LOCAL AND MECHANICAL(GENERAL) EXHAUST TO PROVIDE ADEQUATE  
VENTILATION.

Protective Gloves:NEOPRENE OR NITRILE RUBBER GLOVES

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:WEAR INDUSTRIAL WORK CLOTHING. USE RUBBER  
APRON OR BOOTS IF NEEDED. HAVE EMERGENCY EYE WASH AND SAFETY SHOWER  
AVAILABLE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE  
EATING, DRINKING OR SMOKING.

LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO  
NOT BREATHE VAPORS OR MIST. DO NOT INGEST. READ PRECAUTIONS ON  
LABEL BEFORE USE.

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

HCC:V6

Boiling Pt:B.P. Text:401F,205C

Evaporation Rate & Reference:N/K (N-BUTYL ACETATE

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR LIQUID. MILD ETHER ODOR.

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS AND HIGH OXYGEN CONTENTS.

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND OXYGENATED HYDROCARBONS.

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

Waste Disposal Methods: DISPOSAL OF WASTE AND HAZARDOUS MATERIAL SHALL COMPLY WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL PROTECTION AGENCY REGULATIONS. SEND WASTE MATERIAL TO AN APPROVED RECYCLING FACILITY IF FEASIBLE. CITY, STATE AND FEDERAL REGULATIONS MUST BE FOLLOWED.

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