

WAGNER DIV/COOPER IND INC -- WAGNER BRAKE FLUIDS -- 9150-00-231-9071

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Product Identification
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Product ID:WAGNER BRAKE FLUIDS

MSDS Date:01/01/1989

FSC:9150

NIIN:00-231-9071

MSDS Number: BNRDY

=== Responsible Party ===

Company Name:WAGNER DIV/COOPER IND INC

Address:100 MISTY LANE

City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Info Phone Num:201-386-9300

Emergency Phone Num:201-386-9300

CAG

E:7L639

=== Contractor Identification ===

Company Name:COOPER INDUSTRIES INC WAGNER DIV

Address:155 ALGONQUIN PKY

Box:City:WHIPPANY

State:NJ

ZIP:07981-1601

Country:US

Phone:201-884-7800

CAGE:94988

Company Name:WAGNER DIV/COOPER IND INC

Address:100 MISTY LANE

Box:City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Phone:312-386-9300

CAGE:7L639

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Composition/Information on Ingredients
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Ingred Name:POLYPROPYLENE GLYCOL

CAS:25322-69-4

Fraction by Wt: 10-15%

Ingred Name:DIETHY

LENE GLYCOL
CAS:111-46-6
RTECS #:ID5950000
Fraction by Wt: 5-20%

Ingred Name:PROPANOL, OXYBIS-;(DIPROPYLENE GLYCOL)
CAS:25265-71-8
RTECS #:UB8765000
Fraction by Wt: 5-10%

Ingred Name:ETHANOL, 2-(2-(2-METHOXYETHOXY)ETHOXY)-; (TRIETHYLENE
GLYCOL MONOMETHYL-ETHER)
CAS:112-35-6
RTECS #:KL6390000
Fraction by Wt: 5-30%

Ingred Name:ETHANOL, 2-(2-BUTOXY ETHOXY)-;(DIETHYLENE GLYCOL MONOBUTYL-
ETHER) MFR CAS: 142-22-6
CAS:112-34-5
RTECS #:KJ9100000
Fraction by Wt: 15-20%

Ingred Name:ETHANOL, 2
-(2-BUTOXY ETHOXY)ETHOXY)-; (TRIETHYLENE GLYCOL
MONOBUTYL-ETHER)MFR CAS: 112-34-5
CAS:143-22-6
RTECS #:KJ9450000
Fraction by Wt: 35-45%

Ingred Name:METHYL GLYCOL ETHER
Fraction by Wt: 5-15%

Ingred Name:GLYCOL ETHER BLEND
Fraction by Wt: 15-25%

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute

and Chronic:ACUTE: CAUSES MILD SKIN IRRITATION WITH DRY PATCHES AND REDNESS. EYE CONTACT WILL CAUSE TEARING AND BURNING OF EYE. OTHER HEALTH EFFECTS MAY INCLUDE NAUSEA, BURNING OR IRRITATED ESOPAGUS AND STOMACH, EDEMA (FLUID RETENTION). MAY INCLUDE JAUNDICE (YELLOWISH SKIN COLOR), ABDOMINAL PAIN, AND HEADACHE.

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

Effects

of Overexposure:HLTH HAZ: DIZZINESS INCOORDINATION, CONFUSION AND UNCONSCIOUSNESS. INGESTION MAY BE FATAL. CHRONIC: MAY RESULT IN LIVER AND KIDNEY DAMAGE. OTHER HEALTH EFFECTS MAY INCLUDE NAUSEA, VOMITING, DROWSINES, AND FATIGUE.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:EYE: HOLD EYELIDS OPEN AND FLUSH EYES FOR AT LEAST 15 MINUTES WITH LARGE QUANTITIES OF WATER. SEEK MED ATTN IMMED. SKIN: WA SH

AREA WITH SOAP AND WATER. REMOVE CONTAMD CLOTHING. SEEK MED ATTN. INHAL: R REMOVE VICTIM TO FRESH AIR. RESTORE BREATHING IF NECESSARY. SEEK MED ATTN IMMED. INGEST: IF VICTIM IS CONSCIOUS, GIVE LARGE QTY OF WATER. SEEK MED ATTN IMMED.

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

Flash Point Method:COC

Flash Point:280F,138C

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

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SC BA AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Procedures:VENTILATE AREA. USE ABSORBENT MATERIAL AND SWEEP OR PICKUP MATERIAL AND PLACE INTO CLOSED CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A WELL VENTILATED, COOL, DRY AREA AWAY FROM OXIDIZING

AGENTS.

Other Precautions:NONE KNOWN.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF MATERIAL IS AIRBORNE OR BECOMES IRRITATING,
USE A NIOSH/OHSA APPROVED RESPIRATOR FOR ORGANIC VAPORS AND MIST IN
ACCORDANCE WITH NIOSH/OSHA RESPIRATORY PROTECTION REQUIREMENTS
(29CFR 1910.134).

Ventilation:GENERAL VENTILATION IS ACCEPTABLE.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:C

OVERALLS.

Work Hygienic Practices:EYEWASH STATION AND SAFETY SHOWER SHOULD BE
AVAILABLE IN AREAS OF USE. WASH THOROUGHLY AFTER HANDLING PRODUCT.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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Physical/Chemical Properties
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HCC:V6

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

Spec Gravity:1.03+.03

Evaporation Rate & Reference:74%-7 DAYS-DOT

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR, LIGHT AMBER COLOR, MILD ODOR.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS, STRONG ACIDS, AMMONIUM COMPOUNDS, REDUCING AGENTS.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:OXIDES OF CARBON AND NITROEN, SODIUM
MONOXIDE.

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Disposal Considerations
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Waste Disposal Methods:DISPOSE OF WASTE VIA A LICENSED DISPOSAL FIRM,
(SEE EPA 40CFR 261 AND 262). ALSO CONSULT WITH STATE, FEDERAL, AND

LOCAL REGULATIONS.

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