

COOPER INDUSTRIES INC,WAGNER BRAKE DIV -- WAGNER PREMIUM BRAKE FLUID (H-120),HEAVY DU -- 9150-00-231-9071

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

Product ID:WAGNER PREMIUM BRAKE FLUID (H-120),HEAVY DU

MSDS Date:08/01/1991

FSC:9150

NIIN:00-231-9071

MSDS Number: BQYBW

=== Responsible Party ===

Company Name:COOPER INDUSTRIES INC,WAGNER BRAKE DIV

Address:930 ROOSEVELT PARKWAY

City:CHESTERFIELD

State:MO

ZI

P:63017

Country:US

Info Phone Num:314-537-8700

Emergency Phone Num:314-537-8700

CAGE:94988

=== 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

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

Ingred Name:POLYPROPYLENE GLYCOL

CAS:25322-69-4

Fraction by Wt: 2-5%

Other REC Limits:NONE SPECIFIED

Ingred Name:DI-/TETRAETHYLENE GLYCOL MIXTURE

Fr

action by Wt: 15-20%
Other REC Limits:NONE SPECIFIED

Ingred Name:ALIPHATIC ALCOHOL
CAS:70955-04-3
Fraction by Wt: 2-6%
Other REC Limits:NONE SPECIFIED

Ingred Name:DIETHYLENE GLYCOL MONOBUTYL ETHER
CAS:112-34-5
RTECS #:KJ9100000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED

Ingred Name:DIETHYLENE GLYCOL MONOBUTYL ETHER
CAS:143-22-6
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED

Ingred Name:DIETHYLENE GLYCOL MONOPROPYL ETHER
CAS:6881-94-3
Fraction by Wt: 8-10%
Other REC Limits:NONE SPECIFIED

Ingred Name:DIETHYLENE GLYCOL,MIXED ALKYL ETHERS (C1-C6)
Fraction by Wt: 10-20%
Other REC Limits:NONE SPECIFIED

Ingred Name:TRIETHYLENE GLYCOL, MIXED ALKYL ETHERS (C1-C6)
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED

Ingred Name:TRIETHYLENE GLYCOL MONOETHYL ETHER
CAS:112-50-5
RTECS #:KK8950000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Route

s of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: IRRITATION, TEARING, BURNING.

SKIN: MILD IRRITATION. CAN BE ABSORBED IN TOXIC AMOUNTS. OTHER EFFECTS MAY INCLUDE NAUSEA, BURNING OR IRRITATED ESOPHAGUS AND STOMACH, EDEMA, JAUNDICE, ABDOMINAL PAIN, HEADACHE, DIZZINESS, UNCOORDINATION, CONFUSION, UNCONSCIOUSNESS, LIVER AND KIDNEY DAMAGE. INGESTION: MAY BE FATAL.

Explanation of Carcinogenicity:

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

Effects of Overexposure:EYES: IRRITATION, TEARING, BURNING. SKIN: IRRITATION, CAN BE ABSORBED IN TOXIC AMOUNTS. OTHER EFFECTS: NAUSEA, BURNING OR IRRITATED ESOPHAGUS AND STOMACH, EDEMA, JAUNDICE, ABDOMINAL PAIN, HEADACHE, DIZZINESS, UNCOORDINATION, CONFUSION AND UNCONSCIOUSNESS, LIVER AND KIDNEY DAMAGE. INGESTION MAY BE FATAL.

Medical Conditions Aggravated by Exposure:

NONE KNOWN.

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First Aid Measures
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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. GET MEDICAL ATTENTION. INHALATION: MOVE VICTIM TO FRESH AIR. RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. INGESTION: IF VICTIM IS CONSCIOUS, GIVE LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:COC

Flash Point:>200F,>93C

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

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

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Ne

utralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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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. LOCAL VENTILATION IS
PREFERRED.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:USE COVERALLS WHERE SPLASH/SRAY IS LIKELY.
PROVIDE EYE WASH STATION AND SAFETY SHOWER IN WORK AREA.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplement
al Safety and Health

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Physical/Chemical Properties
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HCC:V6

Boiling Pt:B.P. Text:440F,227C

Spec Gravity:1.02

pH:9.2

Solubility in Water:SOLUBLE

Appearance and Odor:AMBER LIQUID. 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.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS.

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