

DOW CHEMICAL U.S.A. -- NAPA DOT 3 BRAKE FLUID -- 9150-01-052-6762

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

Product ID:NAPA DOT 3 BRAKE FLUID

MSDS Date:04/07/1992

FSC:9150

NIIN:01-052-6762

MSDS Number: CCVSS

=== Responsible Party ===

Company Name:DOW CHEMICAL U.S.A.

Address:CHEMICAL AND METALS DEPARTMENT

City:MIDLAND

State:MI

ZIP:48674

Country:US

Info Phone Num:517-636-4400

Emergency Phone Num:517-636-4

400

CAGE:96717

=== Contractor Identification ===

Company Name:BALKAMP INC

Address:2601 S HOLT ROAD

Box:City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-244-7241

CAGE:70842

Company Name:DOW CHEMICAL CO

Address:100 LARKIN CENTER

Box:City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:800-258-2436

CAGE:96717

Company Name:NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address:ONE LINCOLN WAY

Box:City:ST. LOUIS

State:MO

ZIP:63120-1578

Country:US

Phone:414-255-5520

CAGE:050Q3

===== Composition

/Information on Ingredients =====

Ingred Name:GLYCOL ETHERS
Other REC Limits:NONE RECOMMENDED

Ingred Name:GLYCOLS AND POLYGLYCOLS
Other REC Limits:NONE RECOMMENDED

Ingred Name:OXIDATION INHIBITER
Other REC Limits:NONE RECOMMENDED

Ingred Name:CORROSION INHIBITOR
Fraction by Wt: N//K
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (RATS) ORAL: >2000MG/KG

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

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

Health Hazards Acute and Chronic:EYE CONTACT MAY CAUSE MODERATE IRRITATION, CORNEAL DAMAGE. PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION. MAY CAUSE MORE SEVERE RESPONSE IF SKIN IS CUT. INGESTION/INHALATION NOT LIKELY RESULTS OF EXPOSURE.

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

Effects of Overexposure

:EYE IRRITATION, CORNEAL DAMAGE, SKIN IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IRRIGATE WITH FLOWING WATER IMMEDIATELY AND CONTINUOUSLY FOR 15 MINUTES. CONSULT MEDICAL PERSONNEL. SKIN: WASH OFF IN FLOWING WATER OR SHOWER. INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT A PHYSICIAN. INGESTION: INDUCE VOMITING IF LARGE AMOUNTS ARE INGESTED. CO

NSULT MEDICAL PERSONNEL.

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

Flash Point Method:PMCC

Flash Point:280F,138C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:KEEP UNNECESSARY PEOPLE AWAY. WHEN USING WATER SPRAY, BOIL OVER MAY OCCUR WHEN THE PRODUCT TEMPERATURE REACHES THE BOILING POINT OF WATER.

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

Spill Release Procedures:KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS AND SOIL. DO NOT ALLOW TO CONTAMINATE GROUND WATER. SOAK UP WITH SUITABLE ABSORBENT MATERIAL AND SCOOP UP FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PRACTICE REASONABLE CARE AND PERSONAL CLEANLINESS. SPILLS OF THESE ORGANIC LIQUIDS ON HOT FIBROUS INSULATIONS MAY LEAD TO LOWERING OF AUTOIGNITIONTEMP

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:WHEN AIRBORNE EXPOSURE GUIDELINES AND/OR COMFORT LEVELS MAY BE EXCEEDED, USE AN APPROVED AIR-PURIFYING RESPIRATOR.

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST CONDITIONS.

Protective Gloves:IMPERVIOUS GLOVES IF SKIN IS BROKEN

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

===== Physical

/Chemical Properties =====

HCC:V6

Boiling Pt:B.P. Text:430F,221C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:LOW

Vapor Density:NOT GIVEN

Spec Gravity:1.03

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INFINITE

Appearance and Odor:LIGHT YELLOW LIQUID, MILD ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING MATERIALS.

Stability Condition to Avoid:HIGH TEMPERATURES,IGNITION SOURCES

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Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,
WATER, UNIDENTIFIED ORGANIC COMPOUNDS.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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