
SECTION I - PRODUCT INFORMATION

MANUFACTURER'S NAME:

Brake Parts
4400 Prime Parkway
McHenry, IL 60050

EMERGENCY TELEPHONE NUMBER

(312) 455-2662

REVISION DATE:

November 12, 1986

INFORMATION TELEPHONE NUMBER

(815) 363-9000

PRODUCT NAME: Raybestos Brake Fluid (APF) 1, 4, 5, 12, 54

OTHER NAMES: DOT 3 Brake Fluid, Heavy-Duty Brake Fluid

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Mixture of alkylene oxide adducts	100	none established	none establish

SECTION III - PHYSICAL DATA

Boiling Point: 450F, 232C Min. Sol. in water: Infinite
VAP Press: (mmHg @ 20C) Low Sp. Gravity: 1.03
VAP Density (Air=1): Unknown % Volatile by Vol: Not Appl.
Appearance and Odor: Light Yellow Liquid - Mild Odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 280F, 138C; 272F, 133C Flammable Limits
Method Used: COC; FMCC LFL: Not Deter. UFL: Not Deter.

Extinguishing Media: Water Fog, Alcohol Foam, CO2, Dry Chemical

Special Fire-Fighting Equipment and Hazards: Wear positive-pressure, self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Stability: Stable
Incompatibility: Oxidizing Material
Hazardous Decomposition Products: Not Known
Hazardous Polymerization: Will not Occur

SECTION VI - SPILL, LEAK, AND DISPOSAL PROCEDURES

Action to take for spills: Do not allow to contaminate ground water. Soak up in absorbent material and shovel into drums.

Disposal Method: In accordance with local, state and federal laws.

SECTION VII - HEALTH HAZARD DATA

Eye: Slight transient irritation, no corneal injury likely
Skin Contact: Single short exposure - no irritation. Repeated, prolonged exposure - minor skin effects, especially if confined against skin by clothing or other items.
Skin Absorption: Not absorbed in toxic amounts.
Ingestion: Low single dose oral toxicity; LD50 greater than 2 g/kg.
Inhalation: No guide for control known. Material has very low volatility
Systemic & Other Effects: None known

SECTION VIII - FIRST AID

Eyes: Irrigation of the eye immediately with water for five minutes is good safety practice.
Skin: Contact will probably cause no more than irritation. Wash off in flowing water or shower. Wash clothing before reuse.
Ingestion: Low in toxicity. Induce vomiting if large amounts are ingested. Remove to fresh air if effects occur. Consult medical personnel.

Note to Physician:

Eyes: May cause mild irritation. Stain for evidence of corneal injury.
Skin: May cause mild irritation with prolonged contact. If rash is present, treat as any contact dermatitis. Not likely to be absorbed in acutely toxic amounts.
Respiratory: Injury is unlikely.
Oral: Low in toxicity.
General: Information based on analogy to similar chemical. No specific antidote. Treatment based on the sound judgement of the physician and the individual reactions of the patient.

SECTION IX - SPECIAL HANDLING INFORMATION

Ventilation: Good general ventilation usually adequate for most handling.
Respiratory Protection: None normally needed.
Protective Clothing: Clean, body-covering clothing.
Eye Protection: Safety glasses or goggles.

SECTION X - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

Precautions to be taken in handling and storage: Practice reasonable care and personal cleanliness.