

OxyChem®

Oxy Petrochemicals Inc.

CARQUEST DOT-3 BRAKE FLUID

MATERIAL SAFETY DATA SHEET

Packaged by:
Quaker Supreme Chemical Corporation
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Manufactured by:
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Product: 713-
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I. MATERIAL IDENTIFICATION

PRODUCT NAME: CARQUEST DOT-3 BRAKE FLUID

CHEMICAL NAME (SYNONYMS): N.A.
CAS REGISTRY NUMBER: N.A.
DOT HAZARD CLASS: Not Regulated
SHIPPING NAME: Not Regulated
I.D. NUMBER: Not Regulated

II. HAZARDOUS COMPONENT(S)

HAZARDOUS COMPONENT(S)	CAS NUMBER	ACGIH TLV	OSHA PEL	PERCENT COMPOSITION
Proprietary formulation of variable glycol ethers, glycol and polyglycol	N.A.	N.A.	N.A.	100

SUBSTANCES PRESENT AT A CONCENTRATION OF 0.1% OR MORE CLASSIFIED AS A CARCINOGEN BY IARC, NTP OR OSHA: None

SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372: Contains Glycol Ethers of diethylene glycol and triethylene glycol at no more than 75 percent concentration.

III. PHYSICAL/CHEMICAL DATA

BOILING POINT (760 mm Hg): 205°C, 401°F
MELTING POINT: No data
SOLUBILITY IN WATER: Soluble
VOLATILE CONTENT: No data
SPECIFIC GRAVITY: No data
VAPOR PRESSURE: No data
VAPOR DENSITY: No data
APPEARANCE: Clear liquid
ODOR: Mild ether odor

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): >93.3°C, >200°F
AUTOIGNITION TEMPERATURE: No data
FLAMMABLE LIMITS IN AIR: LEL: No data UEL: No data
EXTINGUISHING MEDIA: Use water spray, alcohol foam, dry chemical, or carbon dioxide. Water or foam may cause frothing.
SPECIAL FIRE FIGHTING INSTRUCTIONS: Use water spray to keep fire exposed containers cool. Wear full protective clothing and self-contained breathing apparatus in buildings or confined areas.
UNUSUAL FIRE, EXPLOSION HAZARDS: None known.

V. HAZARDOUS REACTIVITY

STABILITY: Stable.
CONDITIONS TO AVOID: High heat and open flames.
INCOMPATIBILITIES (MATERIALS TO AVOID): Avoid contact with strong oxidizers and high oxygen concentrations.
HAZARDOUS COMBUSTION/DECOMPOSITION PRODUCTS: Incomplete combustion can generate carbon monoxide and/or oxygenated hydrocarbons.
POLYMERIZATION: Will not occur.

VI. HEALTH HAZARD DATA

ACUTE OR IMMEDIATE EFFECTS: ROUTES OF ENTRY AND SYMPTOMS
No toxicity information is available on this specific preparation. This health hazard information is based on information that is available on individual components, similar preparations and on information from literature.
INHALATION: Vapors and mists can irritate respiratory passages.
SKIN CONTACT: May cause slight irritation.
EYE CONTACT: May cause severe irritation and/or chemical burns.
INGESTION: Can irritate mouth, throat, esophagus, and stomach. May result in central nervous system depression and liver and kidney damage.
CHRONIC AND/OR OTHER EFFECTS: Recent toxicological data indicates that a minor component (<10%) of this formulation produced slight embryotoxicity, fetotoxicity and toxicity in maternal rabbits at a high dermal application rate (750 mg/kg/day).
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Personnel with pre-existing kidney or liver medical conditions should avoid exposure to this material.

VII. FIRST AID

INHALATION: If inhaled, immediately remove the affected victim from exposure to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, administer oxygen. Get medical attention.

VII. FIRST AID (continued)

SKIN CONTACT: Flush immediately with water, use soap if available. Remove contaminated clothing, including shoes. Launder clothing before reuse. Seek medical attention if symptoms are present.

EYE CONTACT: Immediately flush eyes with large amounts of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Get medical attention.

INGESTION: If conscious, give 1 or 2 glasses of water to drink and induce vomiting by sticking finger down throat. Take immediately to a hospital or physician. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

VIII. PROTECTION INFORMATION

VENTILATION: Local exhaust ventilation is recommended to control vapors, mists, or spray.

RESPIRATORY PROTECTION: Use MSHA/NIOSH approved respiratory protection equipment - air purifying for dusts and mists in combination with organic vapor cartridges; air supplied - if other protective measures do not adequately control exposure to vapors and mists. For emergencies and unknown concentrations, use full-face piece positive pressure self-contained breathing apparatus. Utilize respiratory protection equipment in accordance with 29 CFR 1910.134 (Respiratory Protection).

PROTECTIVE CLOTHING: Impervious gloves and body protection when potential for splash or contact with material exists.

EYE PROTECTION: Chemical goggles or face shield and chemical goggles.

OTHER PROTECTIVE EQUIPMENT/MEASURES: Emergency eyewash fountains and safety showers should be available in the vicinity of any potential exposures. Discard shoes that cannot be decontaminated.

IX. SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR LEAKED: Review Section X. SPECIAL PRECAUTIONS OR OTHER COMMENTS before proceeding with cleanup. Use appropriate personal protective equipment/measures during cleanup.

Prevent liquid from entering sewers, water ways or low areas. Soak up liquid with absorbent material and shovel into waste containers.

WASTE DISPOSAL METHOD: Discarded product is not a RCRA hazardous waste. Dispose of recovered non-usable product and material used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

X. SPECIAL PRECAUTIONS OR OTHER COMMENTS

GENERAL CONTROL MEASURES AND PRECAUTIONS: Prevent skin and eye contact. Keep container tightly closed. Do not mix with strong oxidants. Do not consume food, drink, or tobacco in areas where they may become contaminated with this material. Wash thoroughly after handling.

STORAGE CONDITIONS: Do not store with strong oxidants.

The information in this Material Safety Data Sheet relates only to the specific material(s) designated herein and does not relate to use in combination with any other material or in any process.

No representations, or warranties, either expressed or implied are made with respect to the information set forth herein or to the product to which the information refers.

N.A. = Not Applicable

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DATE: 1/90