

QUAKER SUPREME CHEMICAL CORP
433 SADDLER ST
MONTGOMERY, AL 36101
102488 SC-1

DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

MATL NAME: CAR QUEST SILICONE BRAKE FLUID
EMERGENCY TELEPHONE NO. (517) 496-5900

SECTION I - GENERAL INFORMATION

MANUFACTURER'S NAME: DOW CORNING CORPORATION
ADDRESS: SOUTH SAGINAW ROAD, MIDLAND MI 48686

PROPER SHIPPING NAME(49CFR 172.101): NONE
D.O.T. HAZARD NAME(49CFR 172.101): NONE
D.O.T. ID NO(49CFR 172.101): NONE
D.O.T. HAZARD CLASS(49CFR 172.101): NONE
RCRA HAZARD CLASS(40CFR 261)(IF DISCARDED): NONE
E.P.A. PRIORITY POLLUTANTS(40CFR 122.53): NONE
NFPA - NATIONAL FIRE PROTECTION ASSOCIATION - 704
HEALTH (NFPA): 1 FLAMMABILITY (NFPA): 1 REACTIVITY (NFPA): 0
CAS NO: MIXTURE DOW CORNING WARNING CODE: NOT USED
GENERIC DESCRIPTION: SILICONE

SECTION II - HAZARDOUS INGREDIENTS AS DEFINED IN 29 CFR 1910.1200
(CARCINOGENS IDENTIFIED WITH AN ASTERISK *)

CAS NO.	INGREDIENT	WT. %	EXPOSURE LIMITS
000122623	DIOCTYL SEBACATE	3	NOT ESTABLISHED. SEE COMMENT.
000126738	TRIBUTYL PHOSPHATE	2	OSHA PEL: TWA 5 MG/M3. ACGIH TLV: TWA 0.2 PPM.

COMMENT: 2-ETHYLHEXANOL MAY FORM DURING USE. EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED.

SECTION III - EFFECTS OF OVEREXPOSURE

EYE: DIRECT CONTACT IRRITATES SLIGHTLY WITH REDNESS AND SWELLING.

SKIN: A SINGLE RELATIVELY SHORT EXPOSURE CAUSES NO KNOWN ADVERSE EFFECT.
SEVERAL REPEATED PROLONGED EXPOSURES (24 TO 48 HOURS) MAY IRRITATE.

INHALATION: IRRITATES RESPIRATORY PASSAGES AND EYES VERY SLIGHTLY.

ORAL: SMALL AMOUNTS TRANSFERRED TO THE MOUTH BY FINGERS DURING USE, ETC..

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SECTION III - EFFECTS OF EXPOSURE (CONTINUED)

SHOULD NOT INJURE. SWALLOWING LARGE AMOUNTS MAY CAUSE DIGESTIVE DISCOMFORT.

COMMENTS: 2-ETHYLHEXANOL, WHEN FED TO PREGNANT RATS AT HIGH DOSE LEVELS (1.5 GMS/KG OF BODY WEIGHT), CAUSED BIRTH DEFECTS IN OFFSPRING AND INJURED THE MOTHERS. SUCH INJURIES MAY HAVE CAUSED THE BIRTH DEFECTS. THE POTENTIAL FOR HUMAN BIRTH DEFECTS FROM EXPOSURE IS UNKNOWN, BUT BELIEVED LOW.

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH WATER.

SKIN: WIPE OFF AND FLUSH WITH WATER.

INHALATION: NO FIRST AID SHOULD BE NEEDED.

ORAL: NO FIRST AID SHOULD BE NEEDED.

COMMENT: NONE.

SECTION V - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): OPEN CUP ABOVE 380F/193C

AUTOIGNITION: NOT DETERMINED

FLAMMABILITY LIMITS IN AIR: LOWER: N.D. UPPER: N.D.

EXTINGUISHING MEDIA: WATER WATER FOG X CO2 X DRY CHEMICAL X FOAM X OTHER

SPECIAL FIRE FIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS

UNUSUAL FIRE AND EXPLOSION HAZARDS: HAZARDOUS PHOSPHOROUS COMPOUNDS FORM.

COMMENTS: N.D.=NOT DETERMINED.

SECTION VI - PHYSICAL DATA

BOILING POINT(2 760 MM HG): NOT APPLICABLE

SPECIFIC GRAVITY (AT 77 DEG F/25 DEG C): 0.95

MELTING POINT: NOT APPLICABLE

VAPOR PRESSURE (AT 77 DEG F/25 DEG C): LESS THAN 5 MM.

VAPOR DENSITY (AIR = 1 AT 77 DEG F/25 DEG C): NOT APPLICABLE

PERCENT VOLATILE BY WEIGHT (%): LESS THAN 5

EVAPORATION RATE (ETHER = 1): LESS THAN 1

SOLUBILITY IN WATER(%): LESS THAN 0.1

ODOR, APPEARANCE, COLOR: VERY LITTLE ODOR, LIQUID, PURPLE.

NOTE: THE ABOVE INFORMATION IS NOT INTENDED FOR USE IN PREPARING PRODUCT SPECIFICATIONS. CONTACT DOW CORNING BEFORE WRITING SPECIFICATIONS

SECTION VII - REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY(MATERIAL TO AVOID): OXIDIZING MATERIAL CAN CAUSE A REACTION.

CONDITIONS TO AVOID: NOT APPLICABLE

HAZARDOUS DECOMPOSITION PRODUCTS: PHOSPHOROUS OXIDES, NITROGEN OXIDES, SILICON DIOXIDE, CARBON DIOXIDE, AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NOT APPLICABLE

COMMENTS: NONE

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SECTION VIII - SPILL, LEAK, MAINTENANCE/REPAIR AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL.

PROTECTIVE EQUIPMENT:

EYES: USE PROPER PROTECTION -- SAFETY GLASSES, AS A MINIMUM.

SKIN: WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

INHALATION: NO RESPIRATORY PROTECTION REQUIRED.

WASTE DISPOSAL METHOD: DOW CORNING SUGGESTS THAT ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION BE REVIEWED TO DETERMINE APPROVED DISPOSAL PROCEDURES. CONTACT DOW CORNING IF THERE ARE ANY DISPOSAL QUESTIONS.

D.D.T. (49CFR 171.8)/E.P.A. (40CFR 117) SPILL REPORTING INFORMATION

HAZARDOUS SUBSTANCE: NONE REPORTABLE QUANTITY: NOT APPLICABLE
CONCENTRATION OF HAZARDOUS SUBSTANCE: NOT APPLICABLE
REPORTABLE QUANTITY OF PRODUCT: NOT APPLICABLE

COMMENTS: PRODUCT IS AN OIL IN THE CONTEXT OF THE U.S. CLEAN WATER ACT. SPILLS TO U.S. SURFACE WATERS, OR TO WATERCOURSES OR SEWERS LEADING TO U.S. SURFACE WATERS THAT CAUSE A VISIBLE SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER.

SECTION IX - ROUTINE HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT:

EYES: USE PROPER PROTECTION -- SAFETY GLASSES, AS A MINIMUM.

SKIN *: WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

INHALATION: NO RESPIRATORY PROTECTION REQUIRED.

VENTILATION:

LOCAL EXHAUST: NONE SHOULD BE NEEDED.
MECHANICAL (GENERAL): RECOMMENDED

SUITABLE RESPIRATOR: NONE SHOULD BE NEEDED.

THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING, USE AT ELEVATED TEMPERATURES, OR AEROSOL/SPRAY APPLICATIONS, MAY REQUIRE ADDED PRECAUTIONS.

* GOOD PRACTICE REQUIRES THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL, ESPECIALLY BEFORE EATING OR SMOKING.

COMMENTS: NONE

SECTION X - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: USE REASONABLE CARE AND CAUTION.

OTHER PRECAUTIONS: NONE KNOWN TO DOW CORNING.

COMMENTS: TRACES OF FORMALDEHYDE AND OTHER THERMAL DECOMPOSITION PRODUCTS MAY FORM AT TEMPERATURES ABOVE 150 C IN THE PRESENCE OF AIR. PROVIDE VENTILATION TO CONTROL VAPOR EXPOSURE WITHIN INHALATION GUIDELINES WHEN HANDLING AT ELEVATED TEMPERATURES.

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

PREPARED BY: JACK L. SHENEGER

LAST REVISION DATE: JANUARY 3, 1989

PREVIOUS REVISION DATE: SEPTEMBER 23, 1985

DATE: JANUARY 05, 1989

(R) INDICATES REGISTERED OR TRADEMARK OF THE DOW CORNING CORPORATION.

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