

DOW CORNING CORPORATION -- DOW CORNING 2-1143 SILICONE BRAKE FLUID --  
9150-01-102-9455

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

Product ID:DOW CORNING 2-1143 SILICONE BRAKE FLUID

MSDS Date:12/28/1995

FSC:9150

NIIN:01-102-9455

Status Code:A

MSDS Number: CJVNY

=== Responsible Party ===

Company Name:DOW CORNING CORPORATION

Address:3901 S SAGINAW RD

Box:997

City:MIDLAND

State:MI

ZIP:48686

Country:US

Info P

hone Num:517-496-5900/8577 TRANS

Emergency Phone Num:517-496-5900

Resp. Party Other MSDS Num.:1595873

Preparer's Name:DOW CORNING CORPORATION

Chemtec Ind/Phone:(800)424-9300

CAGE:5D028

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

Contract Num:SP0450-00-D-0015

CAGE:4N760

Company Name:DOW CORNING CORP

Address:3901 S SAGINAW RD

Box:997

City:MIDLAND

State:MI

ZIP:

48686-0997

Country:US

Phone:517-496-6000/517-496-6315

CAGE:5D028

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Composition/Information on Ingredients  
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Ingred Name:DI(2-ETHYLHEXYL) SEBACATE

CAS:122-62-3

= Wt:3.

Ingred Name:TRIBUTYL PHOSPHATE

CAS:126-73-8

RTECS #:TC7700000

= Wt:2.

OSHA PEL:TWA 0.2 MG/M3

ACGIH TLV:2.2 MG/M3;0.2 PPM

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Hazards Identification  
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LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER

Health Hazards Acute and Chronic:TARGET ORGANS: NERVOUS SYSTEM.

EYE:

DIRECT CONTACT IRRITATES SLIGHTLY. SKIN: A SINGLE SHORT EXPOSURE (LESS THAN 24 HOURS) MAY IRRITATE. REPEATED PROLONGED CONTACT (24 TO 48 HOURS) MAY IRRITATE MODERATELY. INHALATION: IRRITATES RESPIRATORY PASSAGES AND EYES VERY SLIGHTLY. CHRONIC INHALATION OF VAPORS MAY INJURE THE FOLLOWING ORGAN(S): NERVOUS SYSTEM. ORAL: SMALL AMOUNTS TRANSFERRED TO THE MOUTH BY FINGERS DURING USE, ETC., SHOULD NOT INJURE. REPEATED SWALLOWING OF LARGE AMOUNTS MAY INJURE SLIGHTLY.

GHTLY.

Explanation of Carcinogenicity:NONE KNOWN

Effects of Overexposure:EYES: DIRECT CONTACT MAY CAUSE REDNESS AND

SWELLING. INHALATION: VAPOR OVEREXPOSURE MAY CAUSE DROWSINESS.

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First Aid Measures  
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First Aid:EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SKIN:

REMOVE FROM SKIN AND WASH THOROUGHLY WITH SOAP AND WATER OR WATERLESS CLEANSER. GET MEDICAL ATTENTION IF IRRITATION OR OTHER ILL EFFECTS DEVELOP OR PERSIST. INHALATION:

N: REMOVE TO FRESH AIR.

GET MEDICAL ATTENTION IF ILL EFFECTS PERSIST. ORAL: GET MEDICAL ATTENTION. COMMENTS: TREAT ACCORDING TO PERSON'S CONDITION AND SPECIFICS OF EXPOSURE.

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Fire Fighting Measures  
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Flash Point Method:CC

Flash Point:>101.C, 213.8F

Autoignition Temp:Autoignition Temp Text:ND

Lower Limits:ND

Upper Limits:ND

Extinguishing Media:CARBON DIOXIDE (CO2). WATER SPRAY. DRY CHEMICAL. FOAM. WATER CAN BE USED TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS. DETERMINE THE NEED TO EVACUATE OR ISOLATE THE AREA ACCORDING TO YOUR LOCAL EMERGENCY PLAN.

Unusual Fire/Explosion Hazard:NONE. HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL BREAKDOWN OF THIS PRODUCT DURING FIRE OR VERY HIGH HEAT CONDITIONS MAY EVOLVE THE FOLLOWING HAZARDOUS DECOMPOSITION PRODUCTS: NITROGEN OXIDES. CARBON OXIDES AND TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS. METAL OXIDES. SILICON DIOXIDE. FORMALDEHYDE.

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Accidental Release Measures  
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Spill Release Procedures:LARGE SPILLS, PROVIDE DIKING OR OTHER APPROPRIATE CONTAINMENT TO KEEP MATERIAL FROM SPREADING. AFTER REMOVAL, CLEAN ANY REMAINING SLIPPERY SURFACES BY APPROPRIATE TECHNIQUES. OBSERVE ALL PERSONAL PROTECTION EQUIPMENT RECOMMENDATIONS DESCRIBED IN THIS DOCUMENT. LOCAL, STATE, AND

FEDERAL REPORTING REQUIREMENTS MAY APPLY TO SPILLS OR RELEASES OF THIS MATERIAL INTO THE ENVIRONMENT.

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Handling and Storage  
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Handling and Storage Precautions:NO SPECIAL PRECAUTIONS. USE REASONABLE CARE.

Other Precautions:AVOID EYE CONTACT. AVOID BREATHING VAPOR. KEEP CONTAINER CLOSED. USE REASONABLE CARE.

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Exposure Controls/Personal Protection  
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Respiratory Protection:SUITABLE RESPIRATOR: ORGANIC VAPOR TYPE.

USE

RESPIRATORY PROTECTION UNLESS ADEQUATE LOCAL EXHAUST VENTILATION IS PROVIDED OR AIR SAMPLING DATA SHOW EXPOSURES ARE WITHIN RECOMMENDED EXPOSURE GUIDELINES. INDUSTRIAL HYGIENE PERSONNEL CAN ASSIST IN JUDGING THE ADEQUACY OF EXISTING ENGINEERING CONTROLS.

Ventilation:LOCAL EXHAUST: RECOMMENDED. GENERAL VENTILATION: RECOMMENDED.

Protective Gloves:NO SPECIAL PROTECTION NEEDED.

Eye Protection:USE PROPER PROTECTION- SAFETY GLASSES AS A MINIMUM.

Work Hygienic Practices:SKIN:

WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

Supplemental Safety and Health

THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING. USE AT ELEVATED TEMPERATURE, OR AEROSOL/SPRAY APPLICATIONS, MAY REQUIRE ADDED PRECAUTIONS. PRECAUTIONARY MEASURES: AVOID EYE CONTACT. AVOID BREATHING VAPOR. KEEP CONTAINER CLOSED. USE REASONABLE CARE.

===== Physical/Chemical Properties =====

HCC:V5

Boiling Pt:B.P. Text:ND

Vapor Pres:ND

Vapor Density:ND

Spec Gravity:0.

97

Viscosity:45.00 CST

Solubility in Water:ND

Appearance and Odor:LIQUID, PURPLE, SLIGHT ODOR

Percent Volatiles by Volume:ND

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL CAN CAUSE A REACTION.

Stability Condition to Avoid:NONE.

Conditions to Avoid Polymerization:HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:COMPLETE IN

FORMATION NOT YET AVAILABLE.

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Ecological Information  
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Ecological:COMPLETE INFORMATION NOT YET AVAILABLE.

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Disposal Considerations  
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Waste Disposal Methods:DISPOSAL OF COLLECTED PRODUCT, RESIDUES, AND CLEANUP MATERIALS MAY BE GOVERNMENTALLY REGULATED. OBSERVE ALL APPLICABLE LOCAL, STATE, AND FEDERAL WASTE MANAGEMENT REGULATIONS.

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MSDS Transport Information  
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Transport Information:PROPER SHIPPING NAME: NOT APPLICABLE. CALL DOW CORNING TRANSPORTATION, 517-496-8577, IF ADDITIONAL INFORMATION IS REQUIRED.

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Regulatory Information  
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SARA Title III Information:NOT LISTED ON SARA SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE LIST. LISTED AS AN ACUTE AND CHRONIC HAZARD CLASS IN SECTION 312. NO SECTION 313 TOXIC CHEMICALS PRESENT OR NONE PRESENT IN REGULATED QUANTITIES.

Federal Regulatory Information:TSCA STATUS: ALL CHEMICAL SUBSTANCES FOUND IN THIS PRODUCT COMPLY WITH THE TOXIC SUBSTANCES CONTROL ACT INVENTORY REPORTING REQUIREMENTS.

State Regulatory Information:NO KNOWN CHEMICALS LISTED BY THE STATE OF CALIFORNIA UNDER THE SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 (PROPOSITION 65) AS BEING KNOWN TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. MASSACHUSETTS: TRIBUTYL PHOSPHATE (CAS# 126-73-8). NEW JERSEY AND PENNSYLVANIA : DIMETHYL, METHYL, AND ETHYL SILICONE RESIN (95, CAS# 68037-74-1); DI(2-ETHYLHEXYL) SEBACATE (3, CAS# 122-62-3), AND BUTYL PHOSPHATE (2, CAS# 126-73-8).

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