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**Barnes Distribution**

**1301 E. 9th Street, #700  
Cleveland OH 44114  
(800) 726-9626**



**Material Safety Data Sheet**

**MSDS Form No. : 005514  
Item No. : BD1181, BD1181-1  
MATERIAL SAFETY DATA SHEET**

BD1181

02 00

-----SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION -----

PRODUCT NUMBER: BD1181

PRODUCT NAME: SILICONE LUBE SPRAY

HMIS CODES:

HEALTH 2\*  
FLAMMABILITY 4  
REACTIVITY 0

MANUFACTURER'S NAME:

MFG. FOR:  
BARNES DISTRIBUTION  
1301 EAST 9TH ST.  
SUITE 700  
CLEVELAND, OH 44114-1824

TELEPHONE NUMBERS AND WEBSITES:

PRODUCT INFORMATION: (866) 438-6767

REGULATORY INFORMATION: (216) 566-2902

MEDICAL EMERGENCY: (303) 739-1178

TRANSPORTATION EMERGENCY: (800) 424-9300

FOR CHEMICAL EMERGENCY ONLY (SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT)

DATE OF PREPARATION: 14-APR-08

## -----SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS -----

% BY WT	CAS NO.	INGREDIENT	UNITS	VAPOR PRESSURE
15	74-98-6	PROPANE ACGIH TLV: 2500 PPM OSHA PEL: 1000 PPM		760 MM
24	110-54-3	HEXANE ACGIH TLV: 50 PPM OSHA PEL: 50 PPM		127 MM
11	107-83-5	ISOHEXANE ISOMERS ACGIH TLV: NOT AVAILABLE OSHA PEL: NOT AVAILABLE		211 MM
4	96-14-0	3-METHYLPENTANE ACGIH TLV: 500 PPM OSHA PEL: NOT AVAILABLE		211 MM
3	79-29-8	2,3-DIMETHYLBUTANE ACGIH TLV: NOT AVAILABLE OSHA PEL: NOT AVAILABLE		230 MM
1	75-83-2	2,2-DIMETHYLBUTANE ACGIH TLV: NOT AVAILABLE OSHA PEL: NOT AVAILABLE		317 MM
1	110-82-7	CYCLOHEXANE ACGIH TLV: 100 PPM OSHA PEL: 300 PPM		100 MM
35	67-64-1	ACETONE ACGIH TLV: 500 PPM ACGIH TLV: 750 PPM STEL OSHA PEL: 1000 PPM		180 MM

## -----SECTION 3 - HAZARDS IDENTIFICATION -----

## ROUTES OF EXPOSURE:

INHALATION OF VAPOR OR SPRAY MIST.

EYE OR SKIN CONTACT WITH THE PRODUCT, VAPOR OR SPRAY MIST.

## EFFECTS OF OVEREXPOSURE:

EYES: IRRITATION.

SKIN: PROLONGED OR REPEATED EXPOSURE MAY CAUSE IRRITATION.

## INHALATION:

IRRITATION OF THE UPPER RESPIRATORY SYSTEM.

MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH.

## SIGNS AND SYMPTOMS OF OVEREXPOSURE:

HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURE TO VAPORS OR SPRAY MISTS.

REDNESS AND ITCHING OR BURNING SENSATION MAY INDICATE EYE OR EXCESSIVE SKIN EXPOSURE.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE GENERALLY RECOGNIZED.

CANCER INFORMATION:

FOR COMPLETE DISCUSSION OF TOXICOLOGY DATA REFER TO SECTION 11.

-----SECTION 4 - FIRST AID MEASURES -----

EYES:

FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.  
GET MEDICAL ATTENTION.

SKIN:

WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER.  
REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE.

INHALATION:

IF AFFECTED, REMOVE FROM EXPOSURE. RESTORE BREATHING.  
KEEP WARM AND QUIET.

INGESTION:

DO NOT INDUCE VOMITING.  
GET MEDICAL ATTENTION IMMEDIATELY.

-----SECTION 5 - FIRE FIGHTING MEASURES -----

FLASH POINT:

PROPELLANT: <0 F

LEL: 1.0

UEL: 12.8

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS:

CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.

DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

SPECIAL FIRE FIGHTING PROCEDURES:

FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED.

WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME

HEAT.

-----SECTION 6 - ACCIDENTAL RELEASE MEASURES -----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA.  
REMOVE WITH INERT ABSORBENT.

-----SECTION 7 - HANDLING AND STORAGE -----

STORAGE CATEGORY: NOT AVAILABLE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:  
KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME. VAPORS WILL ACCUMULATE READILY  
AND MAY IGNITE EXPLOSIVELY.

DURING USE AND UNTIL ALL VAPORS ARE GONE:  
KEEP AREA VENTILATED - DO NOT SMOKE - EXTINGUISH ALL FLAMES, PILOT LIGHTS,  
AND HEATERS - TURN OFF STOVES, ELECTRIC TOOLS AND APPLIANCES, AND ANY OTHER  
SOURCES OF IGNITION.

CONSULT NFPA CODE. USE APPROVED BONDING AND GROUNDING PROCEDURES.

CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE, OR EXPOSE TO  
TEMPERATURE ABOVE 120F. HEAT FROM SUNLIGHT, RADIATORS, STOVES, HOT WATER,  
AND OTHER HEAT SOURCES COULD CAUSE CONTAINER TO BURST. DO NOT TAKE  
INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

-----SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION -----

PRECAUTIONS TO BE TAKEN IN USE:  
USE ONLY WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPOR AND SPRAY MIST.

WASH HANDS AFTER USING.

VENTILATION:  
LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE TO  
MATERIALS IN SECTION 2 IS MAINTAINED BELOW APPLICABLE EXPOSURE LIMITS.  
REFER TO OSHA STANDARDS 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION:  
IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY  
VENTILATION, WEAR A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR  
APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS IN SECTION 2.

PROTECTIVE GLOVES:  
NONE REQUIRED FOR NORMAL APPLICATION OF AEROSOL PRODUCTS WHERE MINIMAL SKIN  
CONTACT IS EXPECTED. FOR LONG OR REPEATED CONTACT, WEAR CHEMICAL RESISTANT  
GLOVES.

EYE PROTECTION: WEAR SAFETY SPECTACLES WITH UNPERFORATED SIDESHIELDS.

## OTHER PRECAUTIONS:

INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS  
CAN BE HARMFUL OR FATAL.

## -----SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

## PRODUCT WEIGHT:

5.71 LB/GAL

684 G/L

SPECIFIC GRAVITY: 0.69

## BOILING POINT:

&lt;0 - 179 F

&lt;-18 - 81 C

MELTING POINT: NOT AVAILABLE

VOLATILE VOLUME: 96%

EVAPORATION RATE: FASTER THAN ETHER

VAPOR DENSITY: HEAVIER THAN AIR

SOLUBILITY IN WATER: N.A.

pH: 7.0

VOLATILE ORGANIC COMPOUNDS (VOC THEORETICAL - AS PACKAGED):

VOLATILE WEIGHT: 60.00% LESS WATER AND FEDERALLY EXEMPT SOLVENTS

## -----SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY: STABLE

CONDITIONS TO AVOID: NONE KNOWN.

INCOMPATIBILITY: NONE KNOWN.

## HAZARDOUS DECOMPOSITION PRODUCTS:

BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## -----SECTION 11 - TOXICOLOGICAL INFORMATION -----

## CHRONIC HEALTH HAZARDS:

NO INGREDIENT IN THIS PRODUCT IS AN IARC, NTP OR OSHA LISTED CARCINOGEN.

PROLONGED AND REPEATED EXPOSURE TO HEXANE MAY CAUSE DAMAGE TO NERVE TISSUE  
OF THE ARMS AND LEGS (PERIPHERAL NEUROPATHY), RESULTING IN MUSCULAR WEAKNESS  
AND LOSS OF SENSATION. THIS EFFECT MAY BE INCREASED BY THE PRESENCE OF

METHYL ETHYL KETONE.

REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

TOXICOLOGY DATA:

CAS NO.	INGREDIENT NAME
74-98-6	PROPANE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: NOT AVAILABLE
110-54-3	HEXANE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: 28700 MG/KG
107-83-5	ISOHEXANE ISOMERS LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: NOT AVAILABLE
96-14-0	3-METHYLPENTANE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: NOT AVAILABLE
79-29-8	2,3-DIMETHYLBUTANE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: NOT AVAILABLE
75-83-2	2,2-DIMETHYLBUTANE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: NOT AVAILABLE
110-82-7	CYCLOHEXANE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: NOT AVAILABLE
67-64-1	ACETONE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: 5800 MG/KG

-----SECTION 12 - ECOLOGICAL INFORMATION -----

ECOTOXICOLOGICAL INFORMATION: NO DATA AVAILABLE.

-----SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL METHOD:

WASTE FROM THIS PRODUCT MAY BE HAZARDOUS AS DEFINED UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) 40 CFR 261.

WASTE MUST BE TESTED FOR IGNITABILITY TO DETERMINE THE APPLICABLE EPA HAZARDOUS WASTE NUMBERS.

DO NOT INCINERATE. DEPRESSURIZE CONTAINER. DISPOSE OF IN ACCORDANCE WITH

FEDERAL, STATE/PROVINCIAL, AND LOCAL REGULATIONS REGARDING POLLUTION.

-----SECTION 14 - TRANSPORT INFORMATION -----

US GROUND (DOT) :

MAY BE CLASSED AS CONSUMER COMMODITY, ORM-D  
UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, (ERG# 126)

CANADA (TDG) :

MAY BE CLASSED AS CONSUMER COMMODITY, ORM-D  
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, (ERG# 126)

IMO:

MAY BE SHIPPED AS LIMITED QUANTITY  
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, EMS F-D, S-U

-----SECTION 15 - REGULATORY INFORMATION -----

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION:

CAS NO.	CHEMICAL/COMPOUND	% BY WT	% ELEMENT
110-54-3	HEXANE	24	
110-82-7	CYCLOHEXANE	1	

CALIFORNIA PROPOSITION 65:

WARNING:

THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE  
CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

TSCA CERTIFICATION:

ALL CHEMICALS IN THIS PRODUCT ARE LISTED, OR ARE EXEMPT FROM LISTING, ON THE  
TSCA INVENTORY.

CANADA WHMIS CLASS CODES:

CLASS B- DIVISION 5- FLAMMABLE AEROSOL  
CLASS D- DIVISION 2- SUBDIVISION B- TOXIC MATERIAL

-----SECTION 16 - OTHER INFORMATION -----

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF  
THE CANADIAN CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL  
OF THE INFORMATION REQUIRED BY THE CPR.

THE ABOVE INFORMATION PERTAINS TO THIS PRODUCT AS CURRENTLY FORMULATED, AND  
IS BASED ON THE INFORMATION AVAILABLE AT THIS TIME. ADDITION OF REDUCERS OR  
OTHER ADDITIVES TO THIS PRODUCT MAY SUBSTANTIALLY ALTER THE COMPOSITION AND  
HAZARDS OF THE PRODUCT. SINCE CONDITIONS OF USE ARE OUTSIDE OUR CONTROL, WE  
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