

**SAFETY DATA SHEET**

**PRODUCT: DUSTBUSTER OIL BASE**

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**SECTION 01: PRODUCT AND COMPANY INFORMATION**

MANUFACTURER/SUPPLIER .....	B.S.C. INC.
MANUFACTURER'S/SUPPLIERS ADDRESS.....	109 IBER RD., UNIT #3, OTTAWA, ON K2S 0X5 613-744-8896
PRODUCT NAME .....	DUSTBUSTER OIL BASE
PRODUCT USE .....	DUST MOP TREATMENT
EMERGENCY PHONE NUMBER.....	CANUTEC 1-613-996-6666

**SECTION 02: HAZARDS IDENTIFICATION**



ROUTE OF ENTRY:	
SKIN CONTACT .....	NON IRRITATING TO SLIGHT TRANSIENT IRRITATION. BUT NO PERMANENT DAMAGE
SKIN ABSORPTION .....	N.A.V
EYE CONTACT.....	NON IRRITATING TO SLIGHT TRANSIENT IRRITATION. BUT NO PERMANENT DAMAGE
INHALATION.....	THIS PRODUCT HAS A LOW VAPOUR PRESSURE AND IS NOT EXPECTED TO PRESENT AN INHALATION EXPOSURE AT AMBIENT CONDITIONS. UPON HEATING TO HIGH TEMPERATURES OR MECHANICAL ACTIONS WHICH MAY PRODUCE VAPOURS, MISTS, OR FUMES, INHALATION OF PRODUCT MAY CAUSE IRRITATION OF THE BREATHING PASSAGES..
INGESTION .....	RELATIVELY NON-TOXIC VIA INGESTION
EFFECTS/SYMPTOMS OF ACUTE EXPOSURE .....	SEE ABOVE
EFFECTS/SYMPTOMS OF CHRONIC EXPOSURE....	DERMAL ROUTE: PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION CHARACTERIZED BY DERMATITIS OR OIL ACNE. EYE IRRATION: REPEATED OR PROLONGED CONTACT MAY CAUSE TRANSIENT IRRITATION, BUT NO PERMANENT DAMAGE. INHALATION ROUTE: NEGLIGIBLE BREATHING HAZARD AT NORMAL TEMPERATURES (UP TO 38C) OR RECOMMENDED BLENDING TEMPERATURES. ELEVATED TEMPERATURES OR MECHANICAL ACTION MAY FORM VAPOURS, MISTS OR FUME. INHALATION OF OIL MISTS OR VAPOURS FROM HOT OIL MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT. ORAL ROUTE: LOW TOXICITY; HAS LAXATIVE EFFECT.

**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS HAZARDS IDENTIFICATION**

HAZARDOUS INGREDIENTS	C.A.S. #	%	TLV	LD50	LC50
MIXTURE OF SEVERELY HYDROTREATED AND HYDROCRACKED BASE OIL (PETROLEUM)	N.AV	90 – 100	SEE SECTION 11	SEE SECTION 11	SEE SECTION 11

**SECTION 04: FIRST AID MEASURES**

SKIN CONTACT .....	IN CASE OF CONTACT, REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 30 MINUTES. GET MEDICAL ATTENTION.
EYE CONTACT.....	WASH EYES WITH WATER FOR A MINIMUM OF 15 MINUTES OR UNTIL NO EVIDENCE OF THE CHEMICAL REMAINS. HOLD EYELIDS OPEN DURING FLUSHING. SEEK IMMEDIATE MEDICAL ATTENTION.
INHALATION.....	REMOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GET IMMEDIATE MEDICAL ATTENTION.
INGESTION .....	RINSE MOUTH WITH WATER. DRINK PLENTY OF WATER OR FRUIT JUICE. DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. SEEK IMMEDIATE

MEDICAL ATTENTION.

**SECTION 05: FIRE FIGHTING MEASURES**

CONDITIONS OF FLAMMABILITY .....	MAY BE COMBUSTIBLE AT HIGH TEMPERATURE
IF YES, UNDER WHICH CONDITIONS?	LOW FIRE HAZARD. THIS MATERIAL MUST BE HEATED BEFORE IGNITION WILL OCCUR.
MEANS OF EXTINCTION/EXTINGUISHING MEDIA: ..	SMALL FIRE: USE DRY CHEMICAL, CO2, WATER SPRAY OR FOAM. LARGE FIRE; USE WATER SPRAY, FOR OR FOAM
FLASH POINT.....	124°C (255 F) PENSKY MARTENS CLOSED CUP
UPPER FLAMMABLE LIMIT (% BY VOLUME).....	N.AV.
LOWER FLAMMABLE LIMIT (% BY VOLUME).....	N.AV.
AUTO-IGNITION TEMPERATURE .....	N.AV.
SPECIAL FIRE FIGHTING PROCEDURES.....	FIREFIGHTERS SHOULD WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.
UNUSUAL FIRE AND EXPLOSION HAZARDS.....	DO NOT CUT, WELD, HEAT, DRILL OR PRESSURIZE EMPTY CONTAINERS. CONTAINERS MAY EXPLODE IN HEAT OF FIRE
EXPLOSION DATA.....	N.AV.
SENSITIVITY TO MECHANICAL IMPACT .....	N.AV.
SENSITIVITY TO STATIC DISCHARGE .....	N.AV.
HAZARDOUS COMBUSTION PRODUCTS .....	CARBON OXIDES. SMOKE AND IRRITATING VAPORS AS PRODUCTS OF INCOMPLETE COMBUSTION

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

ACCIDENTAL RELEASE MEASURES .....	NAERG96, GUIDE 171, SUBSTANCES (LOW TO MODERATE HAZARD). ELIMINATE ALL IGNITION SOURCES. AVOID CONTACT. STOP LEAK IF WITHOUT RISK. CONTAIN SPILL. ABSORB WITH INERT ABSORBENTS SUCH AS DRY CLAY, OR DIATOMACEOUS EARTH. AVOID INHALING DUST OF DIATOMACEOUS EARTH FOR IT MAY CONTAIN SILICA IN VERY FINE PRACTICLE SIZE, MAKING THIS A POTENTIAL ESPIRATORY HAZARD. PLACE USED ABSORBENT IN CLOSED METAL CONTAINERS FOR LATE DISPOSAL OR BURN ABSORBENT IN SUITABLE COMBUSTION CHAMBER. DO NOT FLUSH TO SEWERS, STREAMS OR OTHER BODIES OF WATER. CHECK WITH APPLICABLE JURISDICTION FOR SPECIFIC DISPOSAL REQUIREMENTS OF SPILLED MATERIAL AND EMPTY CONTAINERS. NOTIFY THE APPROPRIATE AUTHORITIES IMMEDIATELY.
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**SECTION 07: HANDLING AND STORAGE**

HANDLING PROCEDURES AND EQUIPMENT.....	KEEP AWAY FROM SOURCES OF IGNITION. DO NOT REUSE EMPTY CONTAINERS WITHOUT COMMERCIAL CLEANING OR CONDITIONING. PRACTICE GOOD PERSONAL HYGIENE. WASH HANDS AFTER HANDLING AND BEFORE EATING. LAUNDER WORK CLOTHES FREQUENTLY. DISCARD SATURATED LEATHER GOODS.
STORAGE REQUIREMENTS.....	SOTRE IN TIGHTLY CLOSED CONTAINERS IN COOL, DRY, ISOLATED WELL VENTILATED AREA AND AWAY FROM INCOMPATIBLES.

**SECTION 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

ENGINEERING CONTROL.....	FOR NORMAL APPLICATION, SPECIAL VENTILATION IS NOT NECESSARY. IF USER'S OPERATIONS GENERATE VAPOURS OR MIST, USE VENTILATION TO KEEP EXPOSURE TO AIRBORNE CONTAMINANTS BELOW THE EXPOSURE LIMIT. MAKE-UP AIR SHOULD ALWAYS BE SUPPLIED TO BALANCE AIR REMOVED BY EXHAUST VENTILATION.
PERSONAL PROTECTIVE EQUIPMENT SKIN PROTECTION .....	WEAR APPROPRIATE CHEMICALLY PROTECTIVE GLOVES. WHEN HANDLING HOT PRODUCT ENSURE GLOVES ARE HEAT RESISTANT AND INSULATED.

EYE/FACE PROTECTION .....	EYE PROTECTION (I.E., SAFETY GLASSES, SAFETY GOGGLES AND/OR FACE SHIELD) SHOULD BE DETERMINED BASED ON CONDITIONS OF USE. IF PRODUCT IS USED IN AN APPLICATION WHERE SPLASHING MAY OCCUR, THE USE OF SAFETY GOGGLES AND/OR A FACE SHIELD SHOULD BE CONSIDERED.
RESPIRATORY PROTECTION .....	WHERE CONCENTRATIONS IN AIR MAY EXCEED THE OCCUPATIONAL EXPOSURE LIMITS GIVEN IN SECTION 11 (AND THOSE APPLICABLE TO YOUR AREA) AND WHERE ENGINEERING, WORK PRACTICES OR OTHER MEANS OF EXPOSURE REDUCTION ARE NOT ADEQUATE, NIOSH APPROVED RESPIRATORS MAY BE NECESSARY TO PREVENT OVEREXPOSURE BY INHALATION
WORK/HYGIENE PRACTICES .....	ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE PROXIMAL TO THE WORK-STATION LOCATION.
FOOTWEAR/TYPE.....	WEAR APPROPRIATE FOOTWEAR TO PREVENT PRODUCT FROM COMING IN CONTACT WITH FEET AND SKIN.
CLOTHING/TYPE.....	WEAR APPROPRIATE CLOTHING TO PREVENT SKIN CONTACT. AS A MINIMUM LONG SLEEVES AND TROUSERS SHOULD BE WORN.

<b>SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES</b>
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PHYSICAL STATE .....	LIQUID.
APPEARANCE & ODOUR .....	CLEAR COLOUR – NO ODOUR
ODOUR THRESHOLD .....	N.AV.
SPECIFIC GRAVITY .....	0.8475 KG/L
VAPOUR PRESSURE (MMHG).....	NEGLIGIBLE AT AMBIENT TEMPERATURE AND PRESSURE
VAPOUR DENSITY (AIR=1).....	N.AV.
EVAPORATION RATE.....	N.AV.
BOILING POINT.....	N.AV.
FREEZING/MELTING POINT .....	N.AV.
PH .....	N.AV.
SOLUBILITY IN WATER (% W/W).....	INSOLUBLE
COEFFICIENT OF WATER/OIL DISTRIBUTION .....	N.AV.

<b>SECTION 10: STABILITY AND REACTIVITY</b>
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STABILITY .....	STABLE UNDER NORMAL OPERATING CONDITIONS.
CONDITIONS TO AVOID.....	N.AV.
INCOMPATIBILITY (MATERIALS TO AVOID).....	ACIDS. AMMONIA. STRONG OXIDIZERS. REDUCING AGENTS. METALS. ORGANICS CHEMICALS, HYDROCARBONS, HALOCARBONS.
HAZARDOUS DECOMPOSITION PRODUCT.....	CHLORINE. OXYGEN. OXIDES OF SODIUM. OXIDES OF POTASSIUM, OXIDES OF PHOSPHORUS. THERMAL DECOMPOSITION MAY YIELD ACRYLIC MONOMERS.
HAZARDOUS POLYMERIZATION .....	WILL NOT OCCUR.

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>
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EXPOSURE LIMITS.....	ACGIH: TLV-TWA (8H) 5 MG/M3 (OIL MIST); STEL 10 MG/M3 (OIL MIST). CONSULT LOCAL, STATE, PROVINCIAL OR TERRITORY AUTHORITIES FOR ACCEPTABLE EXPOSURE LIMITS.
LD50.....	BASED ON TOXICITY OF COMPONENTS. ACUTE ORAL TOXICITY (LD50): >5000 MG/KG (RAT). ACUTE DERMAL TOXICITY (LD50): >2000 MG/KG (RABBIT).
LC50.....	N.AV.
IRRITANCY OF MATERIAL .....	SEE SECTION 2.
SENSITIZATION TO PRODUCT .....	N.AV.
CARCINOGENICITY.....	THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY CHEMICALS AT REPORTABLE QUANTITIES THAT ARE LISTED BY NTP. THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY CHEMICALS AT REPORTABLE QUANTITIES THAT ARE LISTED AS A1, A2 OR A3 CARCINOGENS BY ACGIH. THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY CHEMICALS AT REPORTABLE QUANTITIES THAT ARE LISTED AS CARCINOGENS BY OSHA. THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY CHEMICALS AT REPORTABLE QUANTITIES THAT ARE LISTED AS GROUP 1, 2A OR 2B CARCINOGENS BY IARC

REPRODUCTIVE TOXICITY .....	THIS PRODUCT IS NOT EXPECTED TO BE A REPRODUCTIVE HAZARD, BASED ON THE AVAILABLE DATA AND THE KNOWN HAZARDS OF THE COMPONENTS
TERATOGENICITY .....	N.AV.
MUTAGENICITY .....	BASED ON ACTUAL TEST RESULTS OF BASE OILS AND RESULTS OF SIMILAR PRODUCTS, SEVERELY HYDROTREATED BASE OILS GIVE NEGATIVE RESULTS WHEN TESTED FOR: (A) SALMONELLA TYPHIMURIUM TA98 USING THE MODIFIED AMES ASSAY FOR PETROLEUM PRODUCT; (B) SALMONELLA-ESCHERICHIA COLI/MAMMALIAN-MICROSOME REVERSE MUTATION ASSAY (AMES TEST) WITH A CONFIRMATORY ASSAY; (C) STRUCTURAL CHROMOSOMAL ABERRATIONS IN CHINESE HAMSTER OVARY (CHO) CELLS.
TOXICOLOGICAL SYNERGISTIC PRODUCTS.....	N.AV.
CHRONIC TOXICITY .....	N.AV.

**SECTION 12: ECOLOGICAL INFORMATION**

ECOLOGICAL INFORMATION N.AV.

**SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL.....	SPENT/USED/WASTE OIL MAY MEET THE REQUIREMENTS OF HAZARDOUS WASTE. CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES. PREFERRED WASTE MANAGEMENT PRIORITIES ARE: (1) RECYCLE OR REPROCESS; (2) INCINERATION WITH ENERGY RECOVERY; (3) DISPOSAL AT LICENSED WASTE DISPOSAL FACILITY. ENSURE THAT DISPOSAL OR REPROCESSING IS IN COMPLIANCE WITH GOVERNMENT REQUIREMENTS AND LOCAL DISPOSAL REGULATIONS.
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**SECTION 14: TRANSPORT INFORMATION**

PROPER SHIPPING NAME.....	NOT REGULATED
TDG CLASSIFICATION .....	N.AV.
UN NUMBER .....	N.AV.
PACKING GROUP .....	N.AV.

**SECTION 15: REGULATORY INFORMATION**

WHMIS CLASSIFICATION .....	NOT A CONTROLLED PRODUCT
CPR COMPLIANCE .....	THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

**SECTION 16: OTHER INFORMATION**

PREPARATION INFORMATION .....	PREPARED BY: REGULATORY AFFAIRS, TELEPHONE - (613)-744-8896 PREPARATION DATE: JULY 1, 2016
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N.AV. = NOT AVAILABLE  
N.AP. = NOT APPLICABLE