

THE BETTER THAN CORPORATION
PO BOX 89
VAUGHAN, ONTARIO, L4K 1Y8
CANADA
905-669-9855/1-800-361-0094

PRODUCT: 11111-BT233 DUST MOP TREATMENT 375G**SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER MANUFACTURED FOR:
THE BETTER THAN CORPORATION
PO BOX 89
VAUGHAN
ONTARIO
CANADA
L4K 1Y8
905-669-9855

PRODUCT NAME..... 11111-BT233 DUST MOP TREATMENT 375G
CHEMICAL FAMILY..... ORGANIC COATING.
MOLECULAR WEIGHT..... NOT APPLICABLE.
CHEMICAL FORMULA..... NOT APPLICABLE.
TRADE NAMES & SYNONYMS
RECOMMENDED PRODUCT USES..... CLEANER.
FORMULA/LAB BOOK #..... 010-3-158.

SECTION 02: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION..... Warning.
SIGNAL WORD..... Warning.
HAZARD STATEMENTS H223 FLAMMABLE AEROSOL. H229 PRESSURIZED CONTAINER: MAY BURST IF HEATED. H302+H332 HARMFUL IF SWALLOWED OR INHALED. H315+H320 CAUSES SKIN AND EYE IRRITATION.
PRECAUTIONARY STATEMENTS..... P101 IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL AT HAND. P102 KEEP OUT OF REACH OF CHILDREN. P103 READ LABEL BEFORE USE.
OTHER HAZARDS..... No additional information available.

SECTION 03: COMPOSITION/INFORMATION INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
HEPTANE	142-82-5	30-60
ISOPROPANOL	67-63-0	1-5
ODOURLESS MINERAL SPIRITS	64742-48-9	10-30
PROPANE	74-98-6	10-30

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

SECTION 05: FIRE FIGHTING MEASURES

FLAMMABILITY..... EXTREMELY FLAMMABLE.
IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.

EXPLOSION DATA

PRODUCT: 11111-BT233 DUST MOP TREATMENT 375G**SECTION 05: FIRE FIGHTING MEASURES**

SENSITIVITY TO STATIC DISCHARGE. NOT APPLICABLE.
 SENSITIVITY TO IMPACT..... NOT APPLICABLE.
 EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
 HAZARDOUS COMBUSTION PRODUCTS..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
 AEROSOL FLAME PROJECTION CLASSIFIED AS:..... >45cm.
 FLASHBACK..... YES.

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.

SECTION 07: HANDLING AND STORAGE

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
 ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
 HANDLING PROCEDURES AND EQUIPMENT STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
 SYNERGISTIC MATERIALS..... NONE KNOWN.

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENTS	ACGIH TLV		OSHA PEL		REL	NIOSH
	TWA	STEL	PEL	STEL		
HEPTANE	400 ppm					
ISOPROPANOL	400 ppm					
ODOURLESS MINERAL SPIRITS	100 ppm					
PROPANE	1000 ppm					
GLOVES/ TYPE.....	NONE REQUIRED FOR NORMAL APPLICATION OF AEROSOL PRODUCTS WHERE MINIMAL SKIN CONTACT IS EXPECTED.					
RESPIRATORY/TYPE.....	IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.					
EYE/TYPE.....	SAFETY GLASSES.					
FOOTWEAR/TYPE.....	NOT NORMALLY REQUIRED.					
OTHER/TYPE.....	NOT REQUIRED.					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... AEROSOL.
 APPEARANCE..... CLEAR.
 ODOR..... FRAGRANT.
 ODOR THRESHOLD..... NOT AVAILABLE.
 pH..... NOT APPLICABLE.
 FREEZING POINT: (°C)..... NOT AVAILABLE.
 BOILING POINT (°C)(CONC)..... 83-205.
 FLASH POINT(°C),TAG CLOSED-CUP LOWEST KNOWN VALUE IS HEPTANE @ -7°C.
 (CONCENTRATE)
 EVAPORATION RATE..... GREATER THAN 1.
 n-BUTYL ACETATE = 1
 UPPER FLAMMABLE LIMIT..... 12.6.
 (% BY VOLUME)
 LOWER FLAMMABLE LIMIT..... 2.6.
 (% BY VOLUME)
 VAPOUR PRESSURE(PSIG)-AEROSOL..... 50-60.
 @ 20 C
 VAPOUR DENSITY (AIR=1)..... GREATER THAN 1.
 (BY WEIGHT)
 SPECIFIC GRAVITY (AEROSOL)..... 0.65-0.69.
 SPECIFIC GRAVITY (LIQUID)..... 0.70-0.74.
 SOLUBILITY IN WATER g/L (20°C)..... NEGLIGIBLE.
 COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.
 AUTO IGNITION TEMPERATURE (°C)..... 399.

PRODUCT: 11111-BT233 DUST MOP TREATMENT 375G**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

AEROSOL PERCENT VOLATILE..... 89-90.
(BY WEIGHT).

SECTION 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF DECOMPOSITION..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

CHEMICAL STABILITY:
YES..... UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?..... NOT APPLICABLE.

COMPATIBILITY WITH OTHER SUBSTANCES:
NO, WHICH ONES?..... STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?..... NOT APPLICABLE.
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
HEPTANE	NOT AVAILABLE	>15000 mg/kg ORAL-RAT
ISOPROPANOL	12000 ppm (8hr) INHAL - RAT	>4720 mg/kg ORAL - RAT
ODOURLESS MINERAL SPIRITS	5,500mg/m3(4h)	5000 mg/kg ORAL - RAT
PROPANE	NOT AVAILABLE	>5000 mg/kg DERMAL-RABBITS
ROUTE OF ENTRY: INHALATION.....	INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIANT.	
INGESTION.....	MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.	
EYE CONTACT.....	MAY CAUSE IRRITATION.	
SKIN CONTACT.....	MAY CAUSE IRRITATION.	
SKIN ABSORPTION.....	NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.	
EFFECTS OF ACUTE EXPOSURE.....	DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.	
EFFECTS OF CHRONIC EXPOSURE.....	SOLVENTS MAY CAUSE DEFATTING DERMATITIS	
IRRITANCY OF MATERIAL.....	SKIN/EYE IRRITANT.	
CARCINOGENICITY OF MATERIAL.....	THE INGREDIENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP, (NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN EVALUATED BY IARC,(INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS).	
MUTAGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.	
TERATOGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.	
REPRODUCTIVE EFFECTS.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.	
SENSITIZING CAPABILITY OF MATERIAL.	UNKNOWN.	

SECTION 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

SECTION 14: TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.1) .
D.O.T. CLASSIFICATION

PRODUCT: 11111-BT233 DUST MOP TREATMENT 375G**SECTION 15: REGULATORY INFORMATION**

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION..... A,B5,D2B.
 CNFC SECTION 3.3.5..... LEVEL 3.
 CEPA (Canadian Environmental Protection ... ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC
 Act) SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 2 MODERATE HAZARD.
 HMIS RATING FLAMMABILITY..... 4 SEVERE HAZARD.
 HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.
 HMIS RATING PERSONAL PROTECTION.. B.
 NFPA CODE 30B..... LEVEL 3.
 SARA 313 INFORMATION:..... THIS PRODUCT CONTAINS NO INGREDIENTS SUBJECT TO THE REPORTING
 REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND
 COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.
 . CAS #: CHEMICAL
 NAME: . N/A.
 CALIFORNIA PROPOSITION 65:..... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE
 CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:
 . WARNING: THIS PRODUCT DOES NOT INTENTIONALLY
 CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE
 CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
 . CAS #: CHEMICAL NAME:
 . N/A.
 TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY
 IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.
 VOC (w/w%)..... 89-90.

SECTION 16: OTHER INFORMATION

NOTICE FROM THE BETTER THAN THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY THE
 CORPORATION FREE OF CHARGE. WHILE BELIEVED TO BE
 RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK.
 THE BETTER THAN CORPORATION ASSUMES NO RESPONSIBILITY FOR EVENTS
 RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS
 MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL
 DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH
 ANY OTHER MATERIAL OR IN ANY PROCESS.
 PREPARED BY..... Regulatory Affairs
 PREPARATION DATE AUG06/15