

TENDER CORPORATION

MATERIAL SAFETY DATA SHEET

SAFETY DATA SHEET

PREPARED ACCORDING TO 29 CFR 1910.1200, REGULATION (EC) NO. 1272/2008  
(GHS)  
AND CANADIAN CONTROLLED PRODUCTS ACT (CPR)

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

PRODUCT NAME: BEN'S 30 WILDERNESS FORMULA, ECO-SPRAY

EPA REG. NO.: 56575-11

PRODUCT CODE: 0001-1430

MSDS DATE: APRIL 13, 2012

MSDS REVISION NO.: 2

USE: INSECT REPELLENT

MANUFACTURER: TENDER CORPORATION

ADDRESS:  
106 BURNDY ROAD  
LITTLETON, NH 03561

INFORMATION CALLS: 800-258-4696

E-MAIL: CUSTOMERSERVICE@TENDERCORP.COM

FAX PHONE: 603-444-6735

EMERGENCY PHONE:

SPILLS:

VEOLIA: (800) 354-2382

MEDICAL:

POISON CONTROL CENTER INFORMATION: (800) 258-4696

HMIS HAZARD RATING:

HEALTH 1  
FLAMMABILITY 1  
REACTIVITY 0  
PERSONAL PROTECTION X

-----SECTION 2: HAZARDS IDENTIFICATION -----

EMERGENCY OVERVIEW:

CLEAR, DEET ODOR, NON-FLAMMABLE BUT COMBUSTIBLE, WATER SOLUBLE, LIQUID  
IN  
PRESSURIZED CAN

HAZARD CLASSIFICATION: WARNING

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS:

PICTOGRAM: EXCLAMATION MARK

SIGNAL WORD: WARNING

HAZARD STATEMENT(S):

H302: HARMFUL IF SWALLOWED

H319: CAUSES SERIOUS EYE IRRITATION

H412:

HARMFUL TO AQUATIC ORGANISMS AND MAY CAUSE LONG-TERM ADVERSE EFFECTS  
IN THE AQUATIC ENVIRONMENT

PRECAUTIONARY STATEMENT(S):

P102: KEEP OUT OF THE REACH OF CHILDREN

P234: KEEP IN ORIGINAL CONTAINER

P305+P351+P338:

IF IN EYES:

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES,  
IF PRESENT AND EASY TO DO. CONTINUE RINSING

P301+330+331+315:

IF SWALLOWED:

RINSE MOUTH. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL  
ADVICE/ATTENTION.

P273: AVOID RELEASE TO THE ENVIRONMENT

ROUTES OF EXPOSURE: DERMAL, ORAL

POTENTIAL HEALTH EFFECTS:

INHALATION: MAY CAUSE IRRITATION TO LUNGS

SKIN CONTACT:

DO NOT USE OVER CUTS, WOUNDS OR IRRITATED SKIN  
PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE

EYE CONTACT:

PROLONGED CONTACT MAY CAUSE IRRITATION, WITH REDNESS, PAIN, TEARING,  
BLURRED VISION AND CONJUNCTIVITIS.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

-----SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS -----

INGREDIENT	CONC.(%)	CAS NO.	EC NO.	CLASSIFICATION
DEET (N,N-DIETHYL-	29 TO 31	134-62-3	205-149-7	WHMIS D2B-TOXIC

M-TOLUAMIDE)  
36/38

EU-XN;XI; R22-  
R52-53

WATER	30 TO 40	7732-18-5	231-791-2	NONE
DIPROPYLENE GLYCOL MONOMETHYL ETHER LIQUID	20 TO 30	34590-94-8	252-104-2	WHMIS CLASS B3 COMBUSTIBLE
PROPYLENE GLYCOL	25 TO 30	57-55-6	200-338-0	NONE

SEE SECTION 8 - "EXPOSURE CONTROLS/PERSONAL PROTECTION" FOR EXPOSURE GUIDELINES

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

INHALATION:

MOVE VICTIM TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF INDICATED.  
CONTACT A PHYSICIAN IF WARRANTED.

CONTACT WITH SKIN:

TAKE OFF CONTAMINATED CLOTHING. IMMEDIATELY WASH GENTLY AND THOROUGHLY WITH  
LUKE WARM, GENTLY FLOWING WATER AND NON-ABRASIVE SOAP FOR 15-20 MINS.  
IF  
SKIN IRRITATION OR RASH OCCURS, SEE A DOCTOR. THOROUGHLY CLEAN CLOTHING  
BEFORE REUSE OR DISPOSE OF SAFELY.

CONTACT WITH EYES:

IMMEDIATELY FLUSH THE CONTAMINATED EYE(S) WITH LUKEWARM, GENTLY FLOWING  
WATER FOR 15-20 MINUTES, WHILE HOLDING THE EYELID(S) OPEN. REMOVE  
CONTACT  
LENSES, IF PRESENT AND EASY TO DO. TAKE CARE NOT TO RINSE CONTAMINATED  
WATER INTO THE UNAFFECTED EYE OR ONTO THE FACE. IF IRRITATION OR PAIN  
PERSISTS, SEE A DOCTOR.

INGESTION:

HAVE VICTIM RINSE MOUTH WITH WATER. NEVER GIVE ANYTHING BY MOUTH IF THE  
VICTIM IS RAPIDLY LOSING CONSCIOUSNESS, OR IS UNCONSCIOUS OR  
CONVULSING.  
DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN IF WARRANTED.

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

FIRE AND EXPLOSIVE PROPERTIES:

NON FLAMMABLE - THIS PRODUCT IS COMBUSTIBLE BUT NOT FLAMMABLE OR  
EXPLOSIVE

FLASH POINT: >250 DEG. C

FLAMMABLE LIMITS: NOT APPLICABLE

EXTINGUISHING MEDIA:

WATER SPRAY

CARBON DIOXIDE  
DRY CHEMICAL OR FOAM

SPECIFIC HAZARDS:

IN CASE OF FIRE, HAZARDOUS COMBUSTION GASES MAY BE FORMED:

CARBON MONOXIDE (CO)  
CARBON DIOXIDE (CO2)  
NITROGEN OXIDES (NOX)

PROTECT EQUIPMENT FOR FIREFIGHTERS:

USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING

FURTHER INFORMATION:

FIRE RESIDUES AND CONTAMINATED FIREFIGHTING WATER MUST BE DISPOSED OF  
IN  
ACCORDANCE WITH LOCAL REGULATIONS

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

PERSONAL PRECAUTIONS:

FOR LARGE SPILLS:

ISOLATE THE HAZARD AREA. KEEP OUT UNNECESSARY AND UNPROTECTED  
PERSONNEL.  
INCREASE VENTILATION TO AREA OR MOVE LEAKING CONTAINER TO A WELL-  
VENTILATED  
AND SECURE AREA. USE THE PERSONAL PROTECTIVE EQUIPMENT RECOMMENDED IN  
SECTION 8 OF THIS MSDS. REVIEW SECTION 7 (HANDLING) OF THIS MSDS BEFORE  
PROCEEDING WITH CLEANUP.

ENVIRONMENTAL PRECAUTIONS: DO NOT CONTAMINATE WATER BY DISPOSAL OF  
WASTES

METHOD FOR CONTAINMENT AND CLEAN-UP:

PREVENT PRODUCT FROM ENTERING DRAINS AND VENTILATION SYSTEMS. CONTAIN  
AND  
SOAK UP SPILL WITH ABSORBENT THAT DOES NOT REACT WITH SPILLED PRODUCT.  
PLACE USED ABSORBENT INTO SUITABLE, COVERED LABELED CONTAINERS FOR  
DISPOSAL.

LARGE SPILLS:

DIKE SPILL PRODUCT TO PREVENT RUNOFF. RECOVER CONTAMINATED WATER FOR  
APPROPRIATE DISPOSAL.

REPORT SPILLS TO LOCAL HEALTH, SAFETY AND ENVIRONMENTAL AUTHORITIES, AS  
REQUIRED.

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

HANDLING:

READ ENTIRE LABEL BEFORE USING. USE STRICTLY IN ACCORDANCE WITH LABEL  
PRECAUTIONARY STATEMENTS AND DIRECTIONS.

DO NOT CONTAMINATE FOOD OR FEED.

STORAGE:

KEEP PRODUCT IN ITS ORIGINAL CONTAINER.

KEEP CONTAINER TIGHTLY CLOSED.

STORE THIS PRODUCT IN A COOL, DRY PLACE AWAY FROM HEAT OR DIRECT SUNLIGHT.

PROTECT FROM FREEZING.

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

ENGINEERING CONTROLS:

GENERAL VENTILATION IS USUALLY ADEQUATE. WHEN HANDLING LARGE QUANTITIES OF CONCENTRATED PRODUCT; USE LOCAL EXHAUST VENTILATION, IF NECESSARY.

PERSONAL PROTECTIVE EQUIPMENT (PPE): NONE REQUIRED.

EXPOSURE GUIDELINES:

INGREDIENT	CAS NO.	%	EXPOSURE LIMITS		
			ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-
TWA					
DIPROPYLENEGLYCOL PPM MONOMETHYL ETHER	34590-94-8	<20	150 PPM	150 PPM	100

-----SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES -----

APPEARANCE: CLEAR LIQUID

ODOR: INSECTICIDAL (DEET)

PH: 7.0

BOILING POINT: NOT DETERMINED

MELTING POINT: NOT DETERMINED

RELATIVE DENSITY (H2O=1) @25 DEG. C: 1.0 TO 1.2 GM/ML

VAPOR PRESSURE (MMHg) @ DEG. C: NOT APPLICABLE

VAPOR DENSITY (AIR=1): NOT APPLICABLE

FLASH POINT: GREATER THAN 250 DEG. C

SOLUBILITY IN WATER: SOLUBLE

SOLUBILITY IN SOLVENTS: SOLUBLE IN ALCOHOL

VISCOSITY: 5-25 CPS @ 25 DEG. C

VOLATILE ORGANIC COMPOUNDS (VOC): <16%

PARTITION COEFFICIENT: NOT DETERMINED

-----SECTION 10: STABILITY AND REACTIVITY -----

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME TEMPERATURES

INCOMPATIBILITY (MATERIAL TO AVOID): OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:  
CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

-----SECTION 11: TOXICOLOGICAL INFORMATION -----

THE PREPARATION HAS NOT BEEN TESTED FOR ALL TOXICOLOGICAL EFFECTS; SOME ARE CLASSIFIED ON THE BASIS OF THE KNOWN HAZARDS OF THE COMPONENTS.

ACUTE ORAL TOXICITY:

LD50: GREATER THAN 3,129 MG/KG FEMALE RAT

METHOD: OPPTS 870.1100, OECD 425

SOURCE: PRODUCT TESTED 2004

ACUTE INHALATION TOXICITY:

LC50: GREATER THAN 5.11 MG/L

METHOD OPPTS 870.1300, OECD 403

SOURCE: PRODUCT TESTED 2008

ACUTE DERMAL TOXICITY:

LD50: GREATER THAN 2000 MG/KG FEMALE & MALE RAT

METHOD: OPPTS 870.1200, OECD 402

SOURCE: PRODUCT TESTED 2008

IRRITANT EFFECT ON SKIN:

SLIGHTLY IRRITATING, IRRITATION CLEARED BY 72HRS (PDII: 1.3)

METHOD: OPPTS 870.2500, OECD 404

SOURCE: PRODUCT TESTED 2004

IRRITANT EFFECT ON EYES:

SEVERLY IRRITATING, IRRITATION CLEARED BY 14 DAYS (MMTS 28.7)

METHOD: OPPTS 870.2400, OECD 405

SOURCE: PRODUCT TESTED 2004

SENSITIZATION: NOT DETERMINED

METHOD:

SOURCE:

MUTAGENICITY: NOT MUTAGENIC

METHOD: AMES TEST OPPTS 870.5100, OECD 471

SOURCE: PRODUCT TESTED 2008

CARCINOGENICITY/REPRODUCTIVE TOXICITY:

NOT DETERMINED; NONE OF THE COMPONENTS PRESENT IN THIS MATERIAL AT

CONCENTRATIONS OF 0.1% OR GREATER ARE LISTED BY IARC, NTP, OSHA OR  
ACGIH  
AS BEING CARCINOGENS.

SOURCE: SAFETY DATA SHEETS OF COMPONENTS

SPECIFIC TARGET ORGAN TOXICITY:  
SINGLE EXPOSURE (GHS): NO DATA AVAILABLE  
REPEATED EXPOSURE (GHS): NO DATA AVAILABLE

SIGNS AND SYMPTOMS OF EXPOSURE:

POTENTIAL HEALTH EFFECTS:

INHALATION: MAY CAUSE IRRITATION TO LUNGS

SKIN CONTACT:  
DO NOT USE OVER CUTS, WOUNDS OR IRRITATED SKIN. PRE-EXISTING SKIN  
DISORDERS  
MAY BE AGGRAVATED BY EXPOSURE

EYE CONTACT:  
PROLONGED CONTACT MAY CAUSE IRRITATION, WITH REDNESS, PAIN, TEARING,  
BLURRED VISION AND CONJUNCTIVITIS.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

TARGET ORGANS: CENTRAL NERVOUS SYSTEM

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

GENERAL COMMENTS:  
ECOTOXICOLOGICAL DATA HAVE NOT BEEN DETERMINED SPECIFICALLY FOR THIS  
PRODUCT, BUT IT IS CLASSIFIED ON THE BASIS OF THE KNOWN HAZARDS OF THE  
COMPONENTS. THIS SECTION IS NOT REQUIRED BY WHMIS.

MOBILITY:  
THE PRODUCT IS WATER-BASED AND EXPECTED TO BE MOBILE IN THE AQUATIC  
ENVIRONMENT.

BIODEGRADABILITY:  
N,N-DIETHYL-M-TOLUAMIDE - 83.8% (28D)  
METHOD: OECD 301B  
SOURCE: LITERATURE

BIOACCUMULATION:  
N,N-DIETHYL-M-TOLUAMIDE IS NOT READILY BIODEGRADABLE IN THE  
ENVIRONMENT,  
ACCORDING TO ECBI/07/00 REV. 3 (29/8/00)

TOXICITY:  
N,N-DIETHYL-M-TOLUAMIDE HAS BEEN SHOWN TO BE TOXIC TO AQUATIC  
ORGANISMS.  
LC50 APPROX. 97 MG/L (96H RAINBOW TROUT)  
METHOD: OECD 203  
SOURCE: LITERATURE

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

WASTE DISPOSAL METHOD: DO NOT REUSE ANY EMPTY CONTAINERS.

US:

THIS PRODUCT IS NOT A HAZARDOUS SOLID WASTE AS DEFINED IN RESOURCE CONSERVATION RECOVERY ACT REGULATIONS (40 CFR 261) AND SHOULD BE DISPOSED OF ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS DISPOSE OF PARTIALLY FILLED AND EMPTY CONTAINERS BY WRAPPING AND DISCARDING IN TRASH.

INTERNATIONAL:

THIS PRODUCT SHOULD NOT BE DISPOSED OF VIA THE DRAINS OR BY LANDFILL. DISPOSAL MUST BE IN ACCORDANCE WITH CURRENT NATIONAL AND LOCAL REGULATIONS. CHEMICAL RESIDUES GENERALLY COUNT AS SPECIAL WASTE, AND THEIR DISPOSAL MAY BE REGULATED IN THE EC MEMBER COUNTRIES THROUGH CORRESPONDING LAWS AND REGULATIONS. WE RECOMMEND THAT YOU CONTACT EITHER THE AUTHORITIES OR APPROVED WASTE DISPOSAL COMPANIES WHO WILL ADVISE YOU ON HOW TO DISPOSE OF SPECIAL WASTE.

GENERAL EU REQUIREMENTS ARE GIVEN IN THE WASTE FRAMEWORK DIRECTIVE (75/442/EEC) AND THE HAZARDOUS WASTE DIRECTIVE (91/689/EEC). PACKAGING MAY CONTAIN RESIDUES OF THE PRODUCT AND SHOULD BE TREATED ACCORDINGLY.

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

SHIPPING INFORMATION:

MARINE POLLUTANT: NO

REGULATION ADDITIONAL INFORMATION	UN NO.	PROPER SHIPPING NAME	CLASS	PACKAGE GROUP
U.S. DEPARTMENT OF TRANSPORTATION (DOT) - NONBULK	N/A	CONSUMER COMMODITY	ORM-D	N/A
U.S. DEPARTMENT OF TRANSPORTATION REGULATED (DOT) - BULK				NOT
CANADIAN TRANSPORTATION OF DANGEROUS GOODS (TDG)	N/A	CONSUMER COMMODITY	ORM-D	N/A
INTERNATIONAL MARITIME				NOT



DANGEROUS GOODS (IMDG)  
REGULATED

INTERNATIONAL AIR                    N/A            CONSUMER                    ORM-D    N/A  
TRANSPORT ASSOC.                                       COMMODITY  
(IATA)

THE TRANSPORTATION REGULATIONS ARE CITED ACCORDING TO INTERNATIONAL  
REGULATIONS AND IN THE FORM APPLICABLE TO THE UNITED STATES AND CANADA.  
POSSIBLE NATIONAL DEVIATIONS IN OTHER COUNTRIES ARE NOT CONSIDERED.

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

U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT):  
ALL COMPONENTS OF THIS PRODUCT ARE LISTED OR EXEMPT ON THE TSCA LIST

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NONE

CERCLA HAZARDOUS SUBSTANCE: NONE

CERCLA REPORTABLE QUANTITY: NONE

RCRA 261 (RESOURCE CONSERVATION RECOVERY ACT):  
THIS PRODUCT IS NOT DEFINED AS A HAZARDOUS SOLID WASTE..

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (TPQ): NONE

311/312 HAZARD CLASS: NONE

313 REPORTABLE INGREDIENTS: NONE

U.S. STATE REGULATIONS:

CALIFORNIA PROPOSITION 65 WARNING: NONE

STATES RIGHT TO KNOW: PENNSYLVANIA - PROPYLENE GLYCOL (57-55-6)

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION:  
B3: COMBUSTABLE LIQUID  
D2B: TOXIC

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA  
OF  
THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

DOMESTIC SUBSTANCE LIST (DSL)/NON-DOMESTIC SUBSTANCE LIST (NDSL):  
ALL COMPONENTS ARE LISTED OR EXEMPT

CANADIAN INGREDIENT DISCLOSURE LIST:  
N,N-DIETHYL-M-TOLUAMIDE(134-62-3), DIPROPYLENEGLYCOL MONOMETHYL ETHER

(34590-94-8), AND PROPYLENE GLYCOL (57-55-6)

EU REGULATIONS:

LABELING IN ACCORDANCE WITH EC-DIRECTIVES:

HAZARD SYMBOLS:

TOXIC TO AQUATIC ORGANISMS  
IRRITANT

HAZARDOUS COMPONENT(S) TO BE INDICATED ON LABEL:

N,N-DIETHYL-M-TOLUAMIDE(CAS # 134-62-3)

R PHRASES:

22: HARMFUL IF SWALLOWED

36/38: IRRITATING TO EYES AND SKIN

52/53:

HARMFUL TO AQUATIC ORGANISMS AND MAY CAUSE LONG-TERM ADVERSE EFFECTS IN  
THE  
AQUATIC ENVIRONMENT

S PHRASES:

2: KEEP OUT OF THE REACH OF CHILDREN

26:

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER  
AND  
SEEK MEDICAL ADVICE

49: KEEP ONLY IN THE ORIGINAL CONTAINER

61:

AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/SAFETY  
DATA  
SHEET.

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

HMIS:

HEALTH 1  
FLAMMABILITY 1  
REACTIVITY 0  
SPECIAL NONE

4=EXTREME

3=HIGH

2=MODERATE

1=SLIGHT

0=INSIGNIFICANT

REVISED SECTIONS OR REASON FOR REVISION:

ORIGIN DATE: APRIL 21, 2011

1-(6-7-11)-CORRECTED CAS # FOR WATER

2-(4-13-12)-FORMATING CHANGES, ADDED PRODUCT CODE, E-MAIL, REMOVED SKIN IRRADIATION WARNINGH-315 PER ACTUAL PRODUCT TESTING RESULTS

DISCLAIMER:

THE INFORMATION PROVIDED HEREIN WAS BELIEVED TO BE ACCURATE, TO THE BEST

KNOWLEDGE OF TENDER CORPORATION, AT THE TIME OF PREPARATION FROM A COMPILATION OF SOURCES BELIEVED TO BE RELIABLE AND IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED. IT IS THE RESPONSIBILITY OF THE USER TO INVESTIGATE AND UNDERSTAND OTHER PERTINENT SOURCES OF INFORMATION, TO COMPLY WITH ALL LAWS AND PROCEDURES APPLICABLE TO THE SAFE HANDLING, STORAGE AND USE OF THIS PRODUCT AND TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE. THIS DATA SHEET RELATES ONLY TO THE SPECIFIC

PRODUCT LISTED AND DOES NOT RELATE TO USE IN COMBINATION OR IN ANY PROCESS

WITH OTHER MATERIALS

DATE PRINTED: 16 JANUARY 2013

TENDER CORPORATION  
106 BURNDY ROAD  
LITTLETON, NH 03561

NEW MSDS.BEN'S 30 WILDERNESS ECO-SPRAY.DOC

MATERIAL SAFETY DATA SHEET

-----SECTION I: PRODUCT AND COMPANY IDENTIFICATION -----

MANUFACTURER'S NAME/NON-EMERGENCY PHONE NO:

TENDER CORPORATION / 603-444-5464

EMERGENCY PHONE NUMBERS VEOLIA (SPILLS): (800) 354-2382

MEDICAL:

POISON CONTROL CENTER INFORMATION: (800) 258-4696

PRODUCT TRADE NAME: BEN'S 30 WILDERNESS FORMULA, ECO-SPRAY

EPA REG. NO.: 56575-11

CHEMICAL NAME:

N/A: PROPRIETARY FORMULA CONTAINING DEET

CHEMICAL FAMILY:

N/A: PROPRIETARY FORMULA CONTAINING DEET

DATE ISSUED: 10/22/07

DATE REVISED: 1/22/08

-----SECTION II: COMPOSITION/INFORMATION ON INGREDIENTS -----

COMPONENT NAME	CAS NUMBER	PERCENT BY WEIGHT	EXPOSURE LIMITS ACGIH(TLV) / OSHA(PEL)
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	PROPRIETARY	PEL: 100 PPM TWA 150 PPM STEL
PROPYLENE GLYCOL	57-55-6	PROPRIETARY	NOT DETERMINED

OTHER IMPORTANT INGREDIENTS:

THIS PRODUCT CONTAINS 30.0% DEET (N, N-DIETHYL-m-TOLUAMIDE) AND OTHER ISOMERS (CAS NUMBER 134-62-3). IT IS REGULATED BY EPA (FIFRA) AS A PESTICIDE.

-----SECTION III: HAZARDS IDENTIFICATION -----

EMERGENCY OVERVIEW:

NOTE:

THIS HAZARD EVALUATION IS BASED ON INFORMATION FROM COMPONENT PRODUCTS.

ROUTES OF ENTRY: DERMAL, ORAL, EYE

POTENTIAL ACUTE HEALTH EFFECTS:

EYES:

CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY. DO NOT GET IN EYES. IN ANIMAL STUDIES, IRRITATION CLEARED IN 14 DAYS (PRODUCT PRODUCED CORNEAL INVOLVEMENT).

SKIN:

DO NOT APPLY OVER CUTS, WOUNDS OR IRRITATED SKIN. MAY CAUSE SKIN REACTIONS IN RARE CASES. IN ANIMALS STUDIES WAS CLASSIFIED AS SLIGHTLY IRRITATING

INHALATION: NONE KNOWN

INGESTION: HARMFUL IF SWALLOWED.

LD50: >3.129 (FEMALE RAT) G/KG.

POTENTIAL CHRONIC HEALTH EFFECTS:

CARCINOGENIC EFFECTS: NOT SUSPECTED

-----SECTION IV: FIRST AID MEASURES -----

EYE CONTACT:

HOLD EYELIDS OPEN AND FLUSH WITH A STEADY GENTLE STREAM OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

SKIN CONTACT:

IF YOU SUSPECT YOU OR YOUR CHILD IS REACTING TO THIS PRODUCT, WASH TREATED SKIN AND CALL YOUR LOCAL POISON CONTROL CENTER. IF YOU GO TO A DOCTOR, TAKE THIS REPELLENT WITH YOU.

INGESTION:

CALL A PHYSICIAN OR POISON CONTROL CENTER. DO NOT INDUCE VOMITING. DRINK PROMPTLY A LARGE QUANTITY OF MILK, EGG WHITES, GELATIN SOLUTION, OR IF THESE ARE NOT AVAILABLE, DRINK LARGE QUANTITIES OF WATER. AVOID ALCOHOL.

INHALATION: SEEK FRESH AIR.

-----SECTION V: FIRE FIGHTING MEASURES -----

FLASH POINT: >212 DEG. F (>100 DEG. C)

FLAMMABLE LIMITS: NOT APPLICABLE

EXTINGUISHING MEDIA:

USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE: DRY CHEMICAL, OR CO2 EXTINGUISHERS, ALCOHOL-TYPE FOAM OR WATER SPRAY ARE RECOMMENDED.

SPECIAL FIRE-FIGHTING PROCEDURES:

FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS (PRESSURE-DEMAND MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. REMOVE ALL UNPROTECTED PERSONS FROM THE AREA. AVOID BREATHING SMOKE AND MISTS. AVOID PERSONNEL AND EQUIPMENT CONTACT WITH FALLOUT AND RUNOFF. CONTAIN AND ISOLATE RUNOFF AND DEBRIS FOR PROPER DISPOSAL. DECONTAMINATE PERSONAL PROTECTIVE EQUIPMENT AND FIRE FIGHTING EQUIPMENT BEFORE REUSE.

FIRE AND EXPLOSION HAZARDS: NONE

HAZARDOUS COMBUSTION PRODUCTS:

TOXIC FUMES FROM BURNING CONTAINERS AND PACKAGING MAY CAUSE INHALATION HAZARD.

-----SECTION VI: SPILL OR LEAK PROCEDURES -----

SPILL AND LEAK PROCEDURES:

DO NOT CONTAMINATE SOIL OR SURFACE/GROUND WATER. CONTAIN THE SPILL AND PREVENT THIS PRODUCT FROM REACHING SURFACE WATERS OR OTHER WATER SUPPLIES. SOAK UP THE SPILL WITH AN APPROPRIATE ABSORBENT MATERIAL AND TRANSFER INTO

SUITABLE WASTE CONTAINERS FOR DISPOSAL. CLEAN THE SPILL AREA WITH  
DETERGENT  
AND WATER. PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS, STREAMS OR  
OTHER  
WATERS.

-----SECTION VII: HANDLING AND STORAGE -----

HANDLING:

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER  
INCONSISTENT WITH ITS LABELING. READ ENTIRE LABEL BEFORE USING. USE  
STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND  
DIRECTIONS.

STORE IN CLEAN, DRY PLACE. PROTECT CONTAINER FROM RUPTURE DURING  
TRANSPORT  
AND STORAGE. KEEP PRODUCT IN ITS ORIGINAL CONTAINER. DO NOT CONTAMINATE  
FOOD OR FEED.

STORAGE:

KEEP CONTAINER TIGHTLY CLOSED. STORE IN A DRY PLACE AWAY FROM EXTREME  
HEAT  
AND COLD. STORE IN ORIGINAL CONTAINER

-----SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION -----

RESPIRATORY PROTECTION: NONE REQUIRED

VENTILATION: NORMAL

PROTECTIVE CLOTHING: NONE REQUIRED

-----SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES -----

APPEARANCE: CLEAR COLORLESS LIQUID

ODOR: INSECTICIDAL (DEET)

SPECIFIC GRAVITY (H<sub>2</sub>O=1) @ 25 DEG. C: 1.00 - 1.20 GM/ML

SOLUBILITY IN WATER: SLIGHTLY SOLUBLE

BOILING POINT: NOT APPLICABLE

MELTING POINT: NOT APPLICABLE

VAPOR PRESSURE: NOT APPLICABLE

pH: 8 TO 10

VAPOR DENSITY: NOT APPLICABLE

VISCOSITY: 5-25 CPS @ 25 DEG. C

EVAPORATION RATE: NOT APPLICABLE

-----SECTION X: STABILITY/REACTIVITY INFORMATION -----

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME TEMPERATURES, STATIC DISCHARGE

INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN AND OTHER TOXIC GASSES

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

-----SECTION XI: DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL METHOD:

THIS PRODUCT IS NOT A HAZARDOUS SOLID WASTE AS DEFINED IN RESOURCE CONSERVATION RECOVERY ACT REGULATIONS (40 CFR 261). DISPOSE OF PARTIALLY

FILLED AND EMPTY CONTAINERS BY WRAPPING AND DISCARDING IN TRASH. DO NOT REUSE ANY EMPTY CONTAINERS. CONTAMINATED ABSORBENT AND WASH WATER SHOULD BE

DISPOSED OF ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS.

-----SECTION XII: TRANSPORTATION INFORMATION -----

DOT SHIPPING NAME: CONSUMER COMMODITY

DOT HAZARD CLASS: ORM-D

DOT PG: N/A

DOT IDENTIFICATION NUMBER: N/A

N/A=NOT APPLICABLE

-----SECTION XIII: REGULATORY INFORMATION -----

TSCA:

ALL COMPONENTS OF THIS PRODUCT ARE LISTED OR ARE EXEMPT FROM LISTING ON THE TSCA INVENTORY

SARA (SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372): NOT LISTED

RCRA/CERCLA HAZARDOUS SUBSTANCES (40 CFR 302): NOT LISTED

CALIFORNIA PROPOSITION 65: NOT LISTED

PENNSYLVANIA RIGHT-TO-KNOW HAZARDOUS SUBSTANCES LIST:

THIS PRODUCT CONTAINS PROPYLENE GLYCOL (CAS# 57-55-6), A REPORTABLE CHEMICAL.

-----SECTION XIV: OTHER INFORMATION -----

HMIS:

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
SPECIAL	NONE

4=EXTREME  
3=HIGH  
2=MODERATE  
1=SLIGHT  
0=INSIGNIFICANT

THE INFORMATION PROVIDED HEREIN WAS BELIEVED TO BE ACCURATE, TO THE BEST KNOWLEDGE OF TENDER CORPORATION, AT THE TIME OF PREPARATION FROM A COMPILATION OF SOURCES BELIEVED TO BE RELIABLE AND IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED. IT IS THE RESPONSIBILITY OF THE USER TO INVESTIGATE AND UNDERSTAND OTHER PERTINENT SOURCES OF INFORMATION, TO COMPLY WITH ALL LAWS AND PROCEDURES APPLICABLE TO THE SAFE HANDLING, STORAGE AND USE OF THIS PRODUCT AND TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE. THIS DATA SHEET RELATES ONLY TO THE SPECIFIC PRODUCT LISTED AND DOES NOT RELATE TO USE IN COMBINATION OR IN ANY PROCESS WITH OTHER MATERIALS.