

Prepared according to 29CFR 1910.1200, Regulation (EC) No. 1272/2008 (GHS) and Canadian Controlled Products Act (CPR)

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**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**


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<b>PRODUCT NAME:</b>	<i>Natrapel® Picaridin Eco-Spray</i>	<b>HMIS Hazard Rating</b>	
		Health	1
		Flamability	3
		Reactivity	0
		Personal Protection	X
<b>Product Code:</b>	<i>EPA Reg. 56575-15 044224068781</i>		
<b>SDS Date:</b>	<i>April 26, 2017</i>		
<b>SDS Revision No.:</b>	<i>7</i>		
<b>USE:</b>	<i>Insect Repellent</i>		
<b>MANUFACTURER:</b>	<i>Tender Corporation</i>		
<b>ADDRESS:</b>	<i>944 Industrial Park Rd Littleton, NH 03561</i>		
<b>INFORMATION CALLS:</b>	<i>800-258-4696</i>		
<b>CUSTOMER SERVICE:</b>	<i><a href="mailto:cs@tendercorp.com">cs@tendercorp.com</a></i>		
<b>TECHNICAL QUESTIONS:</b>	<i><a href="mailto:regulatory@tendercorp.com">regulatory@tendercorp.com</a></i>		
<b>FAX PHONE:</b>	<i>603-444-6735</i>		
<b>EMERGENCY PHONE:</b>	<i>Spills:(800) 354-2382 (Veolia) Medical Information:(800) 258-4696 (Tender Corporation)</i>		

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**SECTION 2: HAZARDS IDENTIFICATION**


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**EMERGENCY OVERVIEW:** *Clear, lemony odor, Flammable, Water soluble Liquid*

**HAZARD CLASSIFICATION:** *Eye Irritant, Category 2; Flammable Aerosol, Category 2*

**GHS Label elements, including precautionary statements**

*Pictogram*



*Signal word:*

**DANGER**

*Hazard statement(s)*

<i>H225</i>	<i>Highly flammable liquid and vapour</i>
<i>H302</i>	<i>Harmful if swallowed</i>
<i>H319</i>	<i>Causes serious eye irritation</i>
<i>H315</i>	<i>Causes skin irritation</i>
<i>H412</i>	<i>Harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment</i>
<i>H280</i>	<i>Contains gas under pressure; may explode if heated</i>

*Precautionary statement(s)*

<i>P210</i>	<i>Keep away from heat/sparks/open flames/hot surfaces –No smoking</i>
<i>P211</i>	<i>Do not spray on an open flame or other ignition source</i>
<i>P233+234+235</i>	<i>Keep container tightly closed. Keep in original container. Keep cool.</i>
<i>P243</i>	<i>Take precautionary measures against static discharge.</i>
<i>P251</i>	<i>Pressurized container: do not pierce or burn even after use</i>
<i>P403</i>	<i>Store in a well-ventilated place</i>
<i>P410+P412</i>	<i>Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F</i>
<i>P337+P313</i>	<i>If eye irritation persists, get medical advice/attention</i>
<i>P264</i>	<i>Wash hand thoroughly after handling</i>
<i>P305+P351+P338</i>	<i>IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing</i>
<i>P301+330+331+315</i>	<i>IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Get immediate medical advice/attention.</i>
<i>P273</i>	<i>Avoid release to the environment</i>
<b>ROUTES OF EXPOSURE:</b>	<i>Dermal, oral</i>

**POTENTIAL HEALTH EFFECTS**

**INHALATION:** *May cause irritation to lungs*

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- 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
Picaridin [1-Piperidinecarboxylic acid, 2-(2hydroxyethyl)-, 1-methylpropyl-ester]	20	119515-38-7		None
Water	20 to 30	7732-18-5	231-791-2	None
Ethyl alcohol	20 to 30	64-17-5	200-578-6	WHMIS Class B2 flammable liquid – Toxic D2B EU-F;R11
Polyethylene Glycol 400	15 to 30	25322-68-3		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:** Flammable - Explosive/hazardous vapors and flammable liquid

Flash Point: 78°F

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 (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)

**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 SDS. Review Section 7 (Handling) of this SDS 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.

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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**

**It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.**

- GENERAL:** Do not use or store near heat, sparks, open flame, or any other ignition sources.
- 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
Ethyl alcohol	64-17-5	< 30	1000 ppm		1000 ppm

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

- APPEARANCE:** Clear liquid
- ODOR:** Lemony
- pH:** 7.0 to 9.0
- BOILING POINT:** Greater than 35°C
- MELTING POINT:** Not determined
- RELATIVE DENSITY (H<sub>2</sub>O = 1) @25°C:** 0.98 gm/ml
- VAPOR PRESSURE (mmHg) @ °C:** Not applicable
- VAPOR DENSITY (AIR = 1):** Not applicable
- FLASH POINT:** 26°C (78.8°F).
- SOLUBILITY IN WATER:** Soluble
- SOLUBILITY IN SOLVENTS:** Soluble in alcohol
- VISCOSITY:** 5-25 cps @ 25° C
- VOLATILE ORGANIC COMPOUNDS (VOC):** <36%
- PARTITION COEFFICIENT:** Not determined

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**SECTION 10: STABILITY AND REACTIVITY**


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<b>STABILITY:</b>	<i>Stable</i>
<b>CONDITIONS TO AVOID:</b>	<i>Extreme temperatures</i>
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b>	<i>Oxidizing agents, acids, alkali metals, ammonia, peroxides, calcium hypochlorite, reducing agents</i>
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	<i>Carbon dioxide, Carbon monoxide, Hydrogen cyanide Nitrogen oxides</i>
<b>HAZARDOUS POLYMERIZATION:</b>	<i>Will not occur</i>

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**SECTION 11: TOXICOLOGICAL INFORMATION**


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*The preparation has not been tested for all toxicological effects; some are classified on the basis of the known hazards of the components.*

<b>Acute oral toxicity:</b>	<b>LD50</b> – 6200 mg/kg bw (rat) <b>Method:</b> <i>unknown</i> <b>Source:</b> <i>IUCLID Datasheet ID: 64-17-5, 18-Feb-2000</i>
<b>Acute inhalation toxicity:</b>	<b>LC50</b> – 5.9 mg/l (rat-6hrs) <b>Method:</b> <i>unknown</i> <b>Source:</b> <i>IUCLID Datasheet ID: 64-17-5, 18-Feb-2000</i>
<b>Acute dermal toxicity:</b>	<b>LDLo</b> – 2000 mg/kg bw (rabbit) <b>Method:</b> <i>unknown</i> <b>Source:</b> <i>IUCLID Datasheet ID: 64-17-5, 18-Feb-2000</i>
<b>Irritant effect on skin:</b>	<i>Non-irritating (rabbit)</i> <b>Method:</b> <i>OECD Guide-Line 404</i> <b>Source:</b> <i>IUCLID Datasheet ID: 64-17-5, 18-Feb-2000</i>
<b>Irritant effect on eyes:</b>	<i>Moderately irritating (rabbit)</i> <b>Method:</b> <i>OECD Guide-Line 405</i> <b>Source:</b> <i>IUCLID Datasheet ID: 64-17-5, 18-Feb-2000</i>
<b>Sensitization:</b>	<i>Not sensitizing (guinea pig)</i> <b>Method:</b> <i>unknown</i> <b>Source:</b> <i>IUCLID Datasheet ID: 64-17-5, 18-Feb-2000</i>
<b>Mutagenicity:</b>	<i>Not determined</i>
<b>Carcinogenicity/Reproductive toxicity:</b>	<i>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.</i> <b>Source:</b> <i>Safety Data Sheets of components</i>
<b>Specific Target Organ Toxicity</b>	<b>Single exposure (GHS)</b> – <i>no data available</i> <b>Repeated exposure (GHS)</b> – <i>no data available</i>
<b>Signs and Symptoms of Exposure</b>	<i>irritation, dryness and cracking of skin, may cause headaches and irritation to throat</i>

**POTENTIAL HEALTH EFFECTS**

<b>INHALATION:</b>	<i>May cause irritation to lungs</i>
<b>SKIN CONTACT:</b>	<i>Do not use over cuts, wounds or irritated skin. Pre-existing skin disorders may be aggravated by exposure</i>
<b>EYE CONTACT:</b>	<i>Prolonged contact may cause irritation, with redness, pain, tearing, blurred vision and conjunctivitis.</i>
<b>INGESTION:</b>	<i>May be harmful if swallowed.</i>
<b>TARGET ORGANS:</b>	<i>Respiratory system</i>

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**SECTION 12: ECOLOGICAL INFORMATION**

<b>General Comments:</b>	<i>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.</i>
<b>Mobility</b>	<i>The product is alcohol-based and expected to be mobile in the aquatic environment.</i>
<b>Biodegradability</b>	<i>Ethanol is expected to be biodegradable Source: Ethanol Manufacturers SDS</i>
<b>Bioaccumulation</b>	<i>Ethanol is not expected to bioaccumulate in the environment.</i>
<b>Toxicity</b>	<i>Ethanol is not classified as harmful or toxic to aquatic life. LC50 Rainbow Trout &gt;10,000mg/L (96hr), Flathead minnow LC50 15,300 mg/L (96hr) Source: Ethanol Manufacturers SDS and IUCLID Datasheet</i>

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** *Do not reuse any empty containers.*

**US:** *This product is a hazardous liquid waste (D001) 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	UN No.	Proper Shipping Name	Class	Package Group	Additional Information
U.S. Department of Transportation (DOT) – NonBulk	1950	Aerosols, flammable	2.1	II	Consumer Commodity/ Limited Qty Exemption Not exceeding 1L ORM-D
Canadian Transportation of Dangerous Goods (TDG)	1950	Aerosols, flammable	2.1	II	Consumer Commodity/ Limited Qty Exemption Not exceeding 1L ORM-D
International Maritime Dangerous Goods (IMDG)	1950	Aerosols, flammable	2.1	II	
International Air Transport Assoc. (IATA)	1950	Aerosols, flammable	2.1	II	

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 defined as a hazardous waste (D001).*

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**Section 302 Extremely Hazardous Substances (TPQ):** *None*

**311/312 HAZARD CLASS:** *None*

**313 REPORTABLE INGREDIENTS:** *None*

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**U.S. STATE REGULATIONS:**

**California Proposition 65 Warning:** Ethyl alcohol (64-17-5) when in alcoholic beverages. This product may contain trace amounts of Ethylene Oxide (CAS Number 75-21-8). This is a chemical known to the state of California to cause cancer.

**States Right to Know:** Ethyl alcohol (64-17-5) Pennsylvania, Rhode Island, Florida, Massachusetts, New Jersey, Tennessee, California; 1-Piperidinecarboxylic acid, 3-(2-hydroxyethyl)-, 1methylpropylester (119515-38-7) Pennsylvania

**CANADIAN REGULATIONS:**

**WHMIS CLASSIFICATION:** B2 Flammable Liquid 

D2B Toxic 

This product has been classified in accordance with the hazard criteria of the CPR and the SDS 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: Ethyl alcohol (64-17-5)

**EU REGULATIONS:**

Labeling in accordance with EC-Directives

Hazard symbols



Flammable



Irritant

Hazardous component(s) to be indicated on label – Ethyl alcohol (64-17-5)

**R phrases** 22 Harmful if swallowed  
36/37/38 Irritating to eyes, respiratory system and skin

**S phrases** 2 Keep out of the reach of children  
7 Keep container tightly closed  
16 Keep away from sources of ignition – No smoking  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
49 Keep only in the original container

**SECTION 16: OTHER INFORMATION**

<b>HMIS</b>		
<b>Health: 1</b>	<b>Flammability: 3</b>	<b>Reactivity: 0</b>
<b>Special: None</b>		

4=extreme 3=High 2=Moderate 1=Slight 0=Insignificant

**REVISED SECTIONS OR REASON FOR REVISION:**

ORIGIN DATE: DECEMBER 22, 2011

1-(MAY 14, 2012) - MEDICAL INFORMATION PHONE # & ADDED E-MAIL ADDRESS, PRINT DATE, PRODUCT CODE

2-(JANUARY 25, 2013) – CHANGED IATA TRANSPORTATION INFO

3-(JANUARY 30, 2013) – CHANGED TRANSPORTATION INFO

4-(JUNE 1, 2015) – CHANGED TITLE FROM MSDS TO SDS

5-(DECEMBER 15, 2015) – FORMATTING CHANGES

6-(FEBRUARY 5, 2016) –REMOVE 8 HR/8 HOUR, FORMATING, AND ADD SECTION 7 REFERENCE TO FLAMMABLE AND FEDERAL LAW

7 – (APRIL 26, 2017) – UPDATED TRANSPORTATION INFORMATION FOR DIFFERENT NATRAPEL PACKAGING

**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