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

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Natrapel® 8HR with Picaridin in bottles, wipes & continuous spray
EPA Reg. No. 39967-53-5675, 56575-14 & 56575-15
Product Code: 0001-1630
MSDS Date: January 30, 2013
MSDS Revision No.: 3
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:(800) 354-2382 (Veolia)
Medical Information:(800) 258-4696  (Tender Corporation)

SECTION 2: HAZARDS IDENTIFICATION

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

HAZARD CLASSIFICATION: Flammable

GHS Label elements, including precautionary statements
Pictogram

Signal word: WARNING DANGER
Hazard statement(s)
H225 Highly flammable liquid and vapour
H302 Harmful if swallowed
H319 Causes serious eye irritation
H315 Causes skin irritation
H412 Harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment

Precautionary statement(s)
P210 Keep away from heat/sparks/open flames/hot surfaces –No smoking
P243 Take precautionary measures against static discharge.
P403 Store in a well-ventilated place
P102+234 Keep out of the reach of children. 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.
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Conc. (%)</th>
<th>CAS NO.</th>
<th>EC NO.</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Picaridin [1-Piperidinecarboxylic acid, 2-(2-hydroxyethyl)-1-methylpropyl-ester]</td>
<td>20</td>
<td>119515-38-7</td>
<td></td>
<td>None</td>
</tr>
<tr>
<td>Water</td>
<td>20 to 30</td>
<td>7732-18-5</td>
<td>231-791-2</td>
<td>None</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>20 to 30</td>
<td>64-17-5</td>
<td>200-578-6</td>
<td>WHMIS Class B2 flammable liquid –Toxic D2B EU-F;R11</td>
</tr>
<tr>
<td>Polyethylene Glycol 400</td>
<td>15 to 30</td>
<td>25322-68-3</td>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

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 lukewarm, 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 (CO2)
Nitrogen oxides (NOx)

PROTECT EUIPMENT 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.
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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:

<table>
<thead>
<tr>
<th>INGREDIENT:</th>
<th>CAS NO.</th>
<th>%</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>&lt; 30</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

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 (H2O = 1) @25°C: 0.98 gm/ml
VAPOR PRESSURE (mmHg) @ °C: Not applicable
VAPOR DENSITY (AIR = 1): Not applicable
FLASH POINT: 78°C
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
CLASS: Stable

STABILITY:

CONDITIONS TO AVOID:
Extreme temperatures

INCOMPATIBILITY (MATERIAL TO AVOID):
Oxidizing agents, acids, alkali metals, ammonia, peroxides, calcium hypochlorite, reducing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:
Carbon dioxide, Carbon monoxide, Hydrogen cyanide, 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 – 6200 mg/kg bw (rat)
Method: unknown
Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Acute inhalation toxicity: LC50 – 5.9 mg/l (rat-6hrs)
Method: unknown
Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Acute dermal toxicity: LDLo – 2000 mg/kg bw (rabbit)
Method: unknown
Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Irritant effect on skin: Non-irritating (rabbit)
Method: OECD Guide-Line 404
Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Irritant effect on eyes: Moderately irritating (rabbit)
Method: OECD Guide-Line 405
Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Sensitization: Not sensitizing (guinea pig)
Method: unknown
Source: IUCLID Datasheet ID: 64-17-5, 18-Feb-2000

Mutagenicity: Not determined
Method: source

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
irritation, dryness and cracking of skin, may cause headaches and irritation to throat

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: Respiratory 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 alcohol-based and expected to be mobile in the aquatic environment.

Biodegradability
Ethanol is expected to be biodegradable. Source: Ethanol Manufacturers SDS

Bioaccumulation
Ethanol is not expected to bioaccumulate in the environment.

Toxicity
Ethanol is not classified as harmful or toxic to aquatic life. LC50 Rainbow Trout >10,000mg/L (96hr), Flathead minnow LC50 15,300 mg/L (96hr) Source: Ethanol Manufacturers SDS and IUCLID Datasheet

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:

<table>
<thead>
<tr>
<th>Regulation</th>
<th>UN No.</th>
<th>Proper Shipping Name</th>
<th>Class</th>
<th>Package Group</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Department of Transportation (DOT) – NonBulk</td>
<td>1950</td>
<td>Aerosols, flammable</td>
<td>2.1</td>
<td>N/A</td>
<td>Consumer Commodity/ Limited Qty Exemption Not exceeding 1L</td>
</tr>
<tr>
<td>U.S. Department of Transportation (DOT) – Bulk Liquid</td>
<td>1170</td>
<td>Flammable Liquid</td>
<td>3</td>
<td>II</td>
<td>nos Ethanol solution</td>
</tr>
<tr>
<td>Canadian Transportation of Dangerous Goods (TDG)</td>
<td>1950</td>
<td>Aerosols, flammable</td>
<td>2.1</td>
<td>N/A</td>
<td>Consumer Commodity/ Limited Qty Exemption</td>
</tr>
<tr>
<td>International Maritime Dangerous Goods (IMDG)</td>
<td>1950</td>
<td>Aerosols, flammable</td>
<td>2.1</td>
<td>N/A</td>
<td>Limit not exceeding 1L</td>
</tr>
<tr>
<td>International Air Transport Assoc. (IATA)</td>
<td>1950</td>
<td>Aerosols, flammable</td>
<td>2.1</td>
<td>N/A</td>
<td>Limit not exceeding 1L</td>
</tr>
</tbody>
</table>

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-Piperidinecarboxyli acid, 3-(2-hydroxyethyl)-1-methylpropylester (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 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: Ethyl alcohol (64-17-5)

EU REGULATIONS:
Labeling in accordance with EC-Directives
Hazard symbols

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

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special: None</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1=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

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