

MSDS NO. BUZ006

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MATERIAL SAFETY DATA SHEET

PRODUCT:

BUZZ-UP! Insect Repellant Lotion for Kids**SECTION I CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Manufacturer's Name: Hydrasentials Canada Inc. Supplier: Chasse-Moustique Buzz-Up!

180 Somerset

Box CP 503

DDO, QC

Sainte-Hyacinthe, QC

H9G 2J3

J2S 7B8

Emergency Telephone No.

450-778-7575

SECTION II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

DEET

CAS No. 134-62-3

5 - 15 % W / W

SECTION III HEALTH HAZARD DATA

Routes of Entry:

Eye contact:

Can cause severe eye irritation, tearing and blurred Vision. May cause permanent damage if not rinsed out Immediately.

Inhalation:

Can cause nasal and respiratory irritation. In extremely rare Cases can cause nausea and nervous disorders, such as Fatigue, dizziness, headaches, lack of coordination, Tremors and unconsciousness.

Skin

Can cause irritation and redness of skin, especially on areas Occluded from air (inside gloves, under watch bands etc.)

Ingestion:

Can cause stomach irritation, resulting in nausea, cramps And vomiting. In extremely rare cases can cause nausea and nervous disorders, such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness.

Health Hazards (Acute and Chronic):

None

Carcinogenicity:

NTP

NA

IARC Monograph

NA

OSHA Regulated:

NA

Signs and Symptoms of Exposure:

Generally minor irritation on prolonged contact with skin.

Medical Conditions Generally

Aggravated by Exposure:

None

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Emergency and First Aid procedures:

EYES: flush immediately with water for 15 Minutes. Holding eyelids apart. Seek medical attention if desired.**SKIN:** If irritation occurs, seek medical attention.**HALATION:** Remove affected person to fresh air. Give oxygen if necessary. If breathing has stopped, administer artificial respiration and seek medical attention immediately.**INGESTION:** Have victim drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything to an unconscious person. Seek medical attention immediately.**SECTION V FIRE and EXPLOSION HAZARD DATA**

Flash Point (Method Used): Closed cup

>93.3 deg C

Flammability:

This product is classified as noncombustible

Flammable Limits:

NA

LEL:

NA

UEL:

NA

Extinguishing Media:

Foam, water, carbon dioxide

Special Fire Fighting Procedures:

use a self-contained breathing apparatus with a full face Piece operated in positive pressure.

Unusual Fire and Explosion hazards:

None

SECTION VI ACCIDENTAL RELEASE MEASURES

General Information: Use proper protective equipment as indicated in Section viii.

Small spill: remove source of heat, sparks or flames. Absorb residue with absorbent material.

Large spill: Provide adequate ventilation. Spill should be collected in suitable containers or a With suitable absorbent material for subsequent disposal.

SECTION VII HANDLING AND STORAGE

Handling:

Use good personal hygiene practices. Wash hands before eating, drinking or Using toilet facilities. Promptly remove soiled clothing and wash before reuse.

Storage:

Keep in tightly closed containers and store at room temperature.

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Respiratory Protection: (specify type):	None Required
Ventilation:	
Local Exhaust:	None
Mechanical (General):	None
Special:	None
Other:	None
Protective Gloves:	None
Eye protection:	None
Other Protective Clothing/Equipment:	None
Work Hygienic Practices:	Good working and hygienic practices.

SECTION IX PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	NA
Vapor Pressure (mm HG):	NA
Vapor Density :	NA
Specific Gravity (H ₂ O=1)	1.0
Melting Point:	NA
Evaporation Rate (Butyl Acetate =1)	NA
Solubility in Water:	Miscible
Appearance and Odor	Opaque lotion.

SECTION X REACTIVITY DATA

Stability (Stable / Unstable)	Stable
Conditions to Avoid:	None.
Incompatibility (Materials to Avoid):	Strong oxidizing agents
Hazardous Decomposition / Byproducts:	May produce carbon dioxide, carbon monoxide and oxides Of nitrogen
Hazardous Polymerization:	Will not occur

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Effects of chronic exposure:

DEET (1 year feeding – dog): 100 mg/kg/day and 400 mg/kg/day. There was no specific target organ toxicity attributed to treatment with DEET

Carcinogenicity:

DEET (24 month- albino rat): No test article related carcinogenic effects were observed.

Reproductive toxicity:

DEET (2 generation – rat): < 2000 ppm and 500 ppm were determined for parental and neonatal toxicity. Treatment had no effect on any of the reproductive parameters.

Teratogenicity:

DEET (rabbit): 325 mg/kg/day and 100 mg/kg/day for maternal toxicity. Treatment had no effect on the gestational parameters or the incidences of variations or malformations.

DEET (rat): 750 mg/kg/day and 250 mg/kg/day were determined for parental and neonatal toxicity. Treatments had no effect on the gestational parameters or on the incidences of variations or malformations.

Mutagenicity:

DEET: No evidence of mutagenicity was noted with or without metabolic activation.

Primary routes of entry:

Eyes, skin, ingestion.

SECTION XII ECOLOGICAL INFORMATION

Environmental toxicity information:

This material has not been tested for environmental effects.

Bod₅

NA

COD:

NA

SECTION XIII DISPOSAL CONSIDERATIONS

Waste Management Information:

Waste material should be disposed of in an approved incinerator or in a designated landfill site, in accordance with municipal, provincial and federal regulations.

PRODUCT:

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DOT/TDG Classification:	Not controlled
UN/NA Number:	NA
Packing Group:	NA
Shipping Name:	NA

SECTION XV REGULATORY INFORMATION

CANADA (WHIMS):	D2B
CANADA (DSL):	The ingredients in this product are listed on the DSL inventory.
USA (TSCA)	The ingredients in this product are listed on the TSCA inventory.
CPR compliance:	This product has been classified in accordance with the hazard criteria of the Controlled products regulations and the MSDS contains all information required by Controlled Products Regulations.

SECTION XVI OTHER INFORMATION

Date Prepared:	June 27, 2006
Prepared by:	George Mackenzie, Chemist
Phone:	514-833-5929

Disclaimer:

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHIMS. No warranty, expressed or implied, is made and the supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form

ND : NOT DETERMINED

NA: NOT APPLICABLE

DATE ISSUED: June 27, 2006