

# MSDS *Material Safety Data Sheet*

**Wechem, Inc.**



## Buzz Off Insect Repellent

MSDS Number: A40E

Revision Date: 09/16/08

Page 1 of 5

### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Distributed By: Wechem, Inc  
5734 Susitna Dr

Harahan, LA 70123

**Contact:** Charito Kuylen  
**Telephone Number:** 504-733-1152  
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**Web** www.wechem.com

**Product Name:** Buzz Off Insect Repellent  
**Revision Date:** 09/16/08  
**MSDS Number:** A40E  
**Product Code:** A40

### 2 HAZARDS IDENTIFICATION

**Route of Entry:** Inhalation  
**Target Organs:** NA  
**Inhalation:** High vapor/ aerosol concentrations are irritating to the eyes and respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects, including death. May cause peripheral nervous system disorder and/ or damage.  
**Skin Contact:** May cause skin reaction in rare cases. Do not apply over cuts, wounds or irritated skin.  
**Eye Contact:** Causes substantial but temporary eye injury.  
**Ingestion:** Harmful or fatal if swallowed. Aspiration hazard- this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

HMIS II-ratings (scale 0-4): Health = 1, Fire = 3, Reactivity = 0

HMIS® Rating H\*1/F3/PH1

NFPA-ratings (scale 0-4): Health = 1, Fire = 3, Reactivity = 0



## Buzz Off Insect Repellent

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Page 2 of 5

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
134623	DEET (N,N Diethyl-m-toluamide)	23.75/25	NE	NE	D
113484	MGK-264 (N-Octyl Bicycloheptene Dicarboximide)	5	NE	NE	D
136458	MGK Repellent 326 (Di-n-Propyl Isocinchomerate)	2.5	NE	NE	D
67630	Isopropyl Alcohol	< 55	400	400	D
Propellant mixture:					
74986	Propane	NA	1000	1000	D
75285	Iso-Butane	NA	600	600	D
or					
68476857	Liquefied Petroleum Gas	20-30	1000	1000	D

### 4 FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. Resuscitate if necessary. If breathing is difficult, give oxygen.
<b>Skin Contact:</b>	If irritation develops seek medical attention.
<b>Eye Contact:</b>	Immediately flush eyes with water for 15 minutes. If irritated, seek medical attention.
<b>Ingestion:</b>	Seek medical attention immediately. Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Do not leave individual unattended.

### 5 FIRE FIGHTING MEASURES

<b>Flash Point:</b>	(Conc): 73 Deg. F.
<b>Flash Point Method:</b>	TCC
<b>Burning Rate:</b>	ND
<b>Autoignition Temperature:</b>	ND
<b>LEL:</b>	ND
<b>UEL:</b>	ND
<b>Flammability Classification:</b>	Flammable

Extinguishing media: Foam, dry chemical, carbon dioxide

Special Fire fighting procedures: Danger. Flammable. Contents under pressure. Cool exposed containers with water spray to prevent bursting. SCBA should be used whenever chemical fires are present.

### 6 ACCIDENTAL RELEASE MEASURES

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.



## Buzz Off Insect Repellent

MSDS Number: A40E

Revision Date: 09/16/08

Page 3 of 5

### 7 HANDLING AND STORAGE

**Handling Precautions:** Do not use or store near heat, sparks or open flame. Exposure to temperatures above 120 Deg. F. may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

**Storage Requirements:** Do not use or store near heat, sparks or open flame. Exposure to temperatures above 120 Deg. F. may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Ventilation Requirement: Local exhaust to keep vapors dispersed.

**Protective Equipment:** HMIS PP, A | Goggles  
Respiratory Protection: When respiratory protection is required, use an organic vapor and particulate cartridge. All respiratory programs must meet OSHA's 29 CFR 1910.34 and ANSI z88.2 requirements.  
Protective gloves: Do not use under clothing. Avoid over application. After returning indoors, wash treated skin with soap and water. Keep away from eyes and mouth.  
Eye protection: Do not spray product directly on face.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear, colorless spray/ mist	<b>Boiling Point:</b>	NA
<b>Physical State:</b>	(Conc): Liquid	<b>Freezing/Melting Pt.:</b>	NA
<b>Odor:</b>	Isopropanol and Diethyltoluamide	<b>Solubility:</b>	Partial
<b>pH:</b>	NA	<b>Spec Grav./Density:</b>	(H2O=1): 0.86 - 0.89 at 20 Deg. C.
<b>Vapor Pressure:</b>	NE		
<b>Vapor Density:</b>	(Air=1): Heavier than air		
<b>Heat Value:</b>	NA		
<b>VOC:</b>	~ 64 %		
<b>Evap. Rate:</b>	NA		
<b>Bulk Density:</b>	NA		
<b>Octanol:</b>	NA		
<b>Molecular Weight:</b>	NA		
<b>Particle Size:</b>	NA		
<b>Softening Point:</b>	NA		
<b>Viscosity:</b>	NA		
<b>Percent Volatile:</b>	NA		
<b>Sat. Vap. Concentrat.:</b>	NA		
<b>Molecular Formula:</b>	NA		



## Buzz Off Insect Repellent

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Revision Date: 09/16/08

Page 4 of 5

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Not compatible with strong acids or bases. Not compatible with strong oxidizers.
<b>Materials to avoid (incompatibility):</b>	Acids, strong oxidizers
<b>Hazardous Decomposition products:</b>	NO
<b>Hazardous Polymerization:</b>	Will not occur

### 11 TOXICOLOGICAL INFORMATION

#### ACUTE

Dermal LD50: > 2.0 gm/kg

Albino rabbit

ORAL LD 50: 3.87 gm/kg

Albino rat

INHALATION LC50: > 7.82 mg/L

Rats exposed for 4 hours to test atmosphere

EYE EFFECTS: Irritation clearing by day 15

SKIN EFFECTS: No irritation at 72 hours. Irritation Index = 0.17

SENSITIZATION: Negative; Not considered to be dermal sensitizer to albino guinea pigs.

GENERAL COMMENTS: Some or all of the toxicity data reported above was bridged from a substantially similar formula.

COMMENTS: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

### 12 ECOLOGICAL INFORMATION

Environmental Data: Environmental data not available for this product.

Ecotoxicological Information: This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters, unless in accordance with requirements of a National Pollutant Discharge Elimination System(NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer system without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

### 13 DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations.

### 14 TRANSPORT INFORMATION

Proper Shipping Name: Consumer Commodity, ORM-D



## Buzz Off Insect Repellent

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Revision Date: 09/16/08

Page 5 of 5

### 15 REGULATORY INFORMATION

#### COMPONENT / (CAS/PERC) / CODES

- \*Dipropyl isocinchomeronate (136458 2.375/2.5%) PROP65, SARA313
- \*Isopropanol (67630 <55%) MASS, NJHS, NRC, OSHAWAC, PA, TXAIR
- \*Propane (74986 n/a%) MASS, NJHS, OSHAWAC, PA, TXAIR
- \*Isobutane (75285 n/a%) MASS, PA, TSCA
- \*Liquefied Petroleum Gas (68476857 20-30%) MASS, OSHAWAC, PA, TSCA, TXAIR
- \*Benzamide, N,N-diethyl-3-methyl- (134623 23.75/25%) TSCA

#### REGULATORY KEY DESCRIPTIONS

- PROP65 = CA Prop 65
- MASS = MA Massachusetts Hazardous Substances List
- NJHS = NJ Right-to-Know Hazardous Substances
- NRC = Nationally Recognized Carcinogens
- OSHA = OSHA Workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances
- TXAIR = TX Air Contaminants with Health Effects Screening Level
- CERCLA = Superfund clean up substance
- HAP = Hazardous Air Pollutants
- TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
- TXHWL = TX Hazardous Waste List

TSCA = Toxic Substances Control Act

### 16 OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. \*\* Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only  
N/A = Not available N/D = Not determined

END OF MSDS DOCUMENT