






MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PIC BORIC ACID ROACH KILLER GEL		DATE: March 26, 2010					
PRODUCT NUMBER:		DATE PREPARED: March 26, 2010					
TRADE NAME: PIC BORIC ACID ROACH KILLER GEL		 Pest Free Living®					
GENERAL USE: Roach Control							
CHEMICAL FAMILY: Boric Acid							
PRODUCT DESCRIPTION: TAN GEL WITH PEANUT BUTTER ODOR							
MANUFACTURER: PIC CORPORATION		DATE PREPARED: March 26, 2010					
TELEPHONE NUMBER (General Inquiries): (908) 862-7977		SUPERSEDES: April 9, 2009					
ADDRESS (NUMBER, STREET, P.O. BOX): 1101-1107 WEST ELIZABETH AVENUE		CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBERS					
(CITY, STATE AND ZIP CODE): LINDEN, NEW JERSEY 07036		 <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="text-align: center;">1-800-255-3924</td> <td style="text-align: center;">813-248-0585</td> </tr> <tr> <td style="text-align: center;">North America (Toll Free)</td> <td style="text-align: center;">International and Local Calls</td> </tr> </table>		1-800-255-3924	813-248-0585	North America (Toll Free)	International and Local Calls
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North America (Toll Free)	International and Local Calls						
COUNTRY: USA							

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW			
PIC Boric acid roach killer gel is a paste, containing Boric Acid and is not flammable, combustible or explosive and presents no unusual hazard if involved in a fire. PIC Boric acid roach killer gel presents little or no hazard (to humans) and has low acute oral and dermal toxicities.			
TARGET ORGANS: No target organ has been identified in humans. High dose animal ingestion studies indicate the testes are the target organs in male animals, though human studies have not shown such results.			
USA	WHMIS CANADA	EUROPEAN	(GHS) HAZARD SYMBOLS
None			
HMIS HAZARD RATINGS			
0 = INSIGNIFICANT, 1 = SLIGHT, 2 = MODERATE, 3 = HIGH, 4 = EXTREME		HEALTH:	1
		FLAMMABILITY:	0
		PHYSICAL HAZARD:	1
REQUIRED PERSONAL PROTECTIVE EQUIPMENT:			
HMIS PERSONAL PROTECTIVE EQUIPMENT LETTER: None required			
RISK PHRASES			
R60: May impair fertility.			
R61: May cause harm to the unborn child.			
SAFETY PHRASES			
S-2 Keep out of the reach of children.			
S13: keep away from food ,drink and animal feeding stuffs.			
S46: If swallowed, seek medical advice immediately and show this container or label.			
POTENTIAL HEALTH EFFECTS			
INHALATION: Not possible in form supplied.			
SKIN: Capable of causing irritation.			
EYES: May cause irritation.			
INGESTION: Ingestion may cause gastrointestinal upset with possible vomiting, cramps and diarrhea. HIGH DOSES (< 15 GRAMS IN INFANTS; 15 to 60 GRAMS IN ADULTS) HAVE CAUSED DEATH. CHRONIC USE ON HUMANS MAY CAUSE BORISM.			
CARCINOGENICITY:			
NTP? NO		IARC MONOGRAPHS? NO	
CALIFORNIA, Prop.65? NO		OSHA REGULATED? NO	
		ESIS NOTATION? NO	

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SECTION 3 - INFORMATION ON INGREDIENTS/COMPONENTS

Ingredient / Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
ORTHO BORIC ACID*	33	10043-35-3	233-139-2	T	R60-61

*European studies completed in 2009 (directive 98/8/EC) indicate toxic warning symbols and reproductive toxicity warning phrases for this chemical is required. These studies however focused on the use of borates and boric acid chemicals as wood preservatives where leaching of the borates could occur. For this product's application as a roach control product this is unlikely to occur and human exposure to the product is minimal. The packaging and physical form (paste) of this product therefore makes the concerns highlighted in this report of minimal consequence.

NOTES: This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 1997/2006/EC (REACH). Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European (GHS) directive 91/155/EEC and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directive 67/548/EEC.

SECTION 4 - FIRST AID MEASURES

INHALATION:

Not possible in form supplied.

EYES:

Remove contact lenses, Rinse with clear, potable running water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN:

Flush skin with water.

INGESTION:

Give large quantities of water. Do not induce vomiting except on the advice of a medical professional. Never administer fluids to an unconscious person! Get Medical Attention Immediately. Show the product label to first responders where possible.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:

Product is not flammable.

EXTINGUISHING MEDIA:

As appropriate to fight surrounding fire.

FIRE FIGHTING PROCEDURES:

Fire fighters should routinely wear full turnout gear and supplied air SCBA equipment when fighting fires involving this and other chemical products.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None.

HAZARDOUS COMBUSTION PRODUCTS:

None.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Sweep up spilled product and dispose with regular sanitary waste. Do not flush material to drains or other bodies of water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep closed when not in use. KEEP ALL CHEMICALS OUT OF REACH OF CHILDREN AND PETS. Store in original containers.

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient / Component	CAS #	ACGIH Exposure Limits (mg/kg unless otherwise noted)	OSHA Exposure Limits (mg/kg unless otherwise noted)
ORTHO BORIC ACID	10043-35-3	2	NE

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Not required in normal use.

PROTECTIVE GLOVES:

Not required in normal use.

EYE PROTECTION:

Not required in normal use.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Not required.

WORK / HYGIENIC PRACTICES:

Wash hands with soap and water after handling. Wash clothing before re-use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR TAN GEL WITH PEANUT BUTTER ODOR	VAPOR PRESSURE NIL
pH NR	SPECIFIC GRAVITY (WATER = 1) NR
MELTING POINT DECOMPOSES	SOLUBILITY IN WATER NOT ESTABLISHED
FLASH POINT NA	VISCOSITY NR
FLAMMABLE LIMITS LEL: None UEL: None	VAPOR DENSITY (AIR = 1) NIL
AUTOIGNITION TEMPERATURE NA	EVAPORATION RATE (WATER = 1) < 1.0
VOLATILE ORGANIC COMPOUND (VOC) INFORMATION NA	

SECTION 10 - STABILITY AND REACTIVITY

STABILITY Stable	CONDITIONS TO AVOID:
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN.	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE KNOWN.	
HAZARDOUS POLYMERIZATION: Will Not Occur.	CONDITIONS TO AVOID:

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS #	LD50 of Ingredient (Oral, Rat - unless otherwise specified)	LC50 of Ingredient (Inhalation, Rat - unless otherwise specified)
ORTHO BORIC ACID	10043-35-3	2660 mg/kg	0.16 mg/L (Rat) 4 h

SECTION 12 - ECOLOGICAL INFORMATION

ORGANIC PORTION BIODEGRADABLE.

Ortho Boric Acid: Freshwater Fish *Gambusia affinis*: LC50: 5600 mg/L/96h.

Water Flea: EC50 48 h 115.0 mg/L, EC50 48 h 658 - 875 mg/L, EC50 48 h 115.0 mg/L

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Wrap in several layers of newspaper and dispose of in trash with other sanitary waste.

Dispose of in an authorized waste facility in accordance with local state and federal regulations.

EMPTY CONTAINER HANDLING: WARNING! Emptied container retains product residue. Observe all precautions even after container is emptied. Keep empty container closed tightly.

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SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not regulated for transport.	
DOT HAZARD CLASS / Pack Group: Not regulated for transport. (NOT DOT HAZARDOUS)	IATA HAZARD CLASS / Pack Group: Not regulated.
REFERENCE: DOT TITLE 49 CODE OF FEDERAL REGULATIONS 172.101	IMDG HAZARD CLASS: Not regulated, Pesticide (not IMO hazardous).
UN / NA IDENTIFICATION NUMBER: NA	RID/ADR Dangerous Goods Code: NA
LABEL: NA	UN TDG Class / Pack Group: NA
HAZARD SYMBOLS: See section 2.	Hazard Identification Number (HIN): NA

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act): Ingredients are listed.

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):


Acute Health: NO	Chronic Health: NO
Fire: NO	Sudden Release of Pressure: NO
Reactive: NO	

SARA 313 REPORTABLE INGREDIENTS: None reportable.

CERCLA (USA - Comprehensive Response Compensation and Liability Act): NO RQ's are listed.

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: None listed.

CPR (Canadian Controlled Products Regulations): This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR. **WHMIS Hazard Class: D2B.**



IDL (Canadian Ingredient Disclosure List): None listed.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): Listed on DSL.

EINECS (European Inventory of Existing Commercial Chemical Substances): Referenced


WGK Water Quality Index: 1

SECTION 16 - OTHER INFORMATION

Legend:

ACGIH	American Congress of Government Industrial Hygienists
CAS	Chemical Abstracts Service
EINECS	European Inventory of Existing Commercial Chemical Substances
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
NA	Not Available
ND	Not Determined
NE	Not Established
NR	Not Reported
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration

REVISION SUMMARY:
 Revised to ANSI (USA), WHMIS (USA), European and GHS standards , issued 3/24/2010, supersedes 4/9/2009 issue. --JTV--

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.