

DEGIL SAFETY PRODUCTS		200 ZENWAY BLVD. UNIT 1		PH. 905-856-1511	
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<b>SECTION ONE</b>		<b>PRODUCT IDENTIFICATION</b>			
TRADE NAME	CROC BLOC 3 IN 1 INSECT REPELLENT AEROSOL			UPC CODE	
CHEMICAL FAMILY	MGK 264	MGK 326	N,N-DIETHYL m-TOLUAMIDE (DEET)		
PRODUCT USE	REPELLENT			Packaging	
MOLECULAR WEIGHT	NOT AVAILABLE			24 CANS / CASE	
FORMULA	MIXTURE				
CNFC SECTION 3 3.5	LEVEL 3				
NFPA CODE 30B	LEVEL 3				
T.D.G. CLASS	ORM-D CONSUMER COMMODITY				
WHMIS CLASSIFICATION	NOT APPLICABLE				
WHMIS RATING:	FLAMMABILITY	4 SEVERE HAZARD			
WHMIS RATING:	HEALTH	2 MODERATE HAZARD			
WHMIS RATING:	REACTIVITY	0 MINIMAL HAZARD			
<b>SECTION TWO</b>		<b>COMPOSITION / INFORMATION INGREDIENTS</b>			
HAZARDOUS INGREDIENTS	%	T.L.V.	C.A.S. #	LD/50, Route, Species	LC/50, Route, Species
N,N-DIETHYL m-TOLUAMIDE	25	N/A	134-62-3	2000 mg/kg ORAL - RAT	5950 mg/kg INHAL - RAT
N-OCTYL BICLOHEPTANE DOCARBOXIMIDE	5	N/A	113-48-4	4980 mg/kg ORAL - RAT	4080 mg/kg INHAL - RAT
DI-N-PROPYL ISOCINCHOMERATE	2.5	N/A	136-45-8	5120 mg/kg ORAL - RAT	6.08 mg/kg INHAL - RAT
ISOPROPYL PALIMATE	1 - 5	N/A	142-91-6	5 mg/kg	NOT AVAILABLE
ISOPROPANOL	30 - 60	400ppm	67-63-0	>4720mg/kg ORAL - RAT	12000ppm (8hr) INHAL - RAT
ISOBUTANE	10 - 30	800ppm	75-28-5	NOT AVAILABLE	142500 ppm (2hr) INHAL - RAT
PROPANE	1 - 5	1000ppm	74-98-6	NOT AVAILABLE	NOT AVAILABLE
<b>SECTION THREE</b>		<b>PHYSICAL DATA</b>			
PHYSICAL STATE	AEROSOL				
APPEARANCE	CLEAR - PALE YELLOW				
ODOR	ALCOHOL				
ODOR THRESHOLD	NOT AVAILABLE				
BOILING POINT (° C)(CONC)	83 to 171				
EVAPORATION RATE	GREATER THAN 1				
VAPOUR PRESSURE	(PSIG) AEROSOL 40 - 50 @ 20° C				
VAPOUR DENSITY (AIR=1)	GREATER THAN 1				
AEROSOL % VOC (w/w)	64 - 65				
AEROSOL % VOLATILE	64 - 65				
SOLUBILITY IN WATER	NOT AVAILABLE				
pH	NOT APPLICABLE				
SPECIFIC GRAVITY (LIQUID)	0.85 - 0.89				
SPECIFIC GRAVITY (AEROSOL)	0.75 - 0.79				
COEFFICIENT OF WATER/OIL DIST	NOT AVAILABLE				
FREEZING POINT: (° C)	NOT AVAILABLE				
<b>SECTION FOUR</b>		<b>FIRE &amp; EXPLOSION HAZARD DATA</b>			
AEROSOL FLAME PROJECTION	> 45cm				
FLASHBACK	NONE				
FLAMMABILITY	EXTREMELY FLAMMABLE				
IF YES, UNDER WHICH CONDITIONS	EXCESSIVE HEAT, SPARKS AND OPEN FLAME				
AUTO IGNITION TEMPERATURE (° C)	399				
EXTINGUISHING MEDIUM	CARBON DIOXIDE, DRY CHEMICAL, FOAM				
UPPER FLAMMABLE LIMIT	12.0 (% BY VOLUME)				
LOWER FLAMMABLE LIMIT	1.9 (% BY VOLUME)				
<b>EXPLOSION DATA</b>					
SENSITIVITY TO STATIC DISCHARGE	NOT APPLICABLE				
SENSITIVITY TO IMPACT	NOT APPLICABLE				
<b>HAZARDOUS COMBUSTION PRODUCTS</b>					
HYDROCARBON FUMES AND SMOKE, CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.					
FLASH POINT (° C) (CONCENTRATE)	TAG CLOSED 14 CUP				
<b>SPECIAL PROCEDURES</b>					
WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.					

<b>SECTION FIVE STABILITY AND REACTIVITY</b>	
<b>HAZARDOUS PRODUCTS OF DECOMPOSITION</b>	HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHEN COMBUSTION IS INCOMPLETE
<b>CHEMICAL STABILITY</b>	YES UNDER NORMAL CONDITIONS
<b>COMPATABILITY WITH OTHER SUBSTANCES - NO, WHICH ONES? REACTIVITY CONDITIONS?</b>	STRONG OXIDIZING AGENTS NOT APPLICABLE
<b>SECTION SIX HEALTH DATA</b>	
<b>ROUTE OF ENTRY</b>	
<b>INGESTION</b>	MAY CAUSE HEADACHE, NAUSEA, VOMITING & WEAKNESS
<b>INHALATION</b>	INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLENT IS SIMPLE ASPHYXIAN
<b>EYE CONTACT</b>	MAY CAUSE IRRITATION
<b>SKIN CONTACT</b>	MAY CAUSE IRRITATION
<b>EFFECTS OF ACUTE EXPOSURE</b>	DIZZINESS, NAUSEA, IRRITATION TO SKIN & EYES
<b>EFFECTS OF CHRONIC EXPOSURE</b>	SOLVENTS MAY CAUSE DEFATTING DERMATITIS
<b>EXPOSURE LIMIT OF MATERIAL</b>	SEE SECTION TWO
<b>CARCINOGENICITY OF MATERIAL</b>	THE INGREDIENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP, (NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN EVALUATED BY IARC, (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS).
<b>REPRODUCTIVE EFFECTS</b>	NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.
<b>IRRITANCY OF MATERIAL</b>	SKIN / EYE IRRITANT
<b>TERATOGENICITY</b>	NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENICITY EFFECTS ARE ANTICIPATED.
<b>MUTAGENICITY</b>	NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.
<b>SYNERGISTIC MATERIALS</b>	NONE KNOWN
<b>SECTION SEVEN EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
<b>GLOVES</b>	CHEMICAL RESISTANT GLOVES
<b>RESPIRATORY</b>	IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHA TC-23C OR EQUIVALENT) IS RECOMMENDED.
<b>EYE</b>	SAFETY GLASSES
<b>ENGINEERING CONTROLS</b>	VENTILATION - LOCAL (MECHANICAL IF INDOORS ON A CONTINUOUS BASIS)
<b>FOOTWEAR</b>	NOT NORMALLY REQUIRED
<b>OTHER</b>	NOT REQUIRED
<b>SECTION EIGHT HANDLING AND STORAGE</b>	
<b>LEAK / SPILL</b>	REMOVE ALL SOURCES OF IGNITION, USE AN INERT ABSORBENT MATERIAL AND NON - SPARKING TOOLS. AVOID BREATHING FUMES, VENTILATE AREA
<b>STORAGE NEEDS</b>	KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES
<b>HANDLING PROCEDURES AND EQUIPMENT</b>	STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
<b>SHIPPING INSTRUCTIONS</b>	SEE SECTION ONE TDG CLASSIFICATION
<b>WASTE DISPOSAL</b>	DO NOT PUNCTURE OR INCINERATE PACKAGES EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS
<b>SECTION NINE FIRST AID MEASURES</b>	
<b>EMERGENCY FIRST AID PROCEDURE</b>	IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.
<b>SECTION TEN ADDITIONAL INFORMATION</b>	
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