

MATERIAL SAFETY
DATA SHEET
SKU 12435

DEGIL SAFETY PRODUCTS
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SECTION ONE PRODUCT IDENTIFICATION

Trade Name	Croc Bloc Insect Repellent 28% DEET	UPC Code
Chemical Family	N, N-Diethyl m-Toluamide	
Product Use	Insecticide	Packaging 24/Case
Molecular Weight	Not Applicable	NFPA Code 30B Level 3
Formula	Not Applicable	T.D.G. Class ORM-D- Consumer Commodity
WHMIS Class	Not Applicable	CNFC Section 3 3.5 Level 3
WHMIS Rating:	Flammability 4 Severe Hazard	
WHMIS Rating:	Health 2 Moderate Hazard	
WHMIS Rating:	Reactivity 0 Minimal hazard	

SECTION TWO INGREDIENTS HAZARDOUS INGREDIENTS

COMPONENTS	%	T.L.V.	CAS #	(LD/50)Route/Species	LC/50 Route/Species
N-ndiethyl m-Toluamide	28.5	Not Available	134-62-3	2000mg/kg Oral - Rat	5950mg/kg Inhal. - Rat
Isopropanol	30 - 60	400ppm	67-63-0	>4720mg/kg Oral - Rat	12000ppm (8hr) Inhal. - Rat
Isobutane	10. - 30.	Not Available	75-28-5	Not Applicable	142,500ppm(4HR) Inhal. - Rat
Propane	1 - 5.	1000ppm	74-98-6	Not Applicable	Not Available

SECTION THREE PHYSICAL DATA

Physical State	Aerosol	Solubility in Water	Not Available
Boiling Point	(Deg C)(conc) 83	Appearance	Clear- Colourless
Vapor Pressure	(PSIG) Aerosol 40 - 50 @ 20C	Odor	Alcohol
Vapor Density	Air = 1 > Than 1	Odor Threshold	Not Available
Specific Gravity	Liquid .83 - .87	Aerosol % VOC (w/w)	79 - 80
Specific Gravity	Aerosol .75 - .79	Aerosol % Volatile	79 - 80
Freezing Point (C)	Not Available	pH	Not Applicable
Evaporation Rate	Greater than 1	Coefficient of Water/OIL	Not Available

SECTION FOUR FIRE & EXPLOSION HAZARD DATA

Aerosol Flame Projection	> 45 cm
Flashback	None
Flammability	Extremely Flammable Under excessive heat, sparks and open flame
Autolgnition Temperature	Not Available
Extinguishing Media	Carbon Dioxide, Dry Chemical, Foam
Flash Point	Tag Closed 14 CUP
Lower Flammable Limit	1.9 (% by Volume)
Upper Flamable Limit	12.0 (% by Volume)
Explosion Data	Sensitivity to Static Not Applicable
Discharge	Sensitivity to Impact Not Applicable

Special Procedures: Water from fogging nozzles may be uses 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

Hazardous Products of Decomposition Hydrocarbon Fumes & Smoke, Carbon Monoxide where Combustion is incomplete

SECTION FIVE		REACTIVITY DATA	
Chemical Stability	YES	under normal conditions	NO Not Applicable
Compatibility	Not with strong Oxidizing Agents		
Reactivity Condcitions	Not Applicable		
Hazardous Products of Decomposition	Hydrocarbon Fumes & Smoke, Carbon Monoxide where Combustion is incomplete		
SECTION SIX		HEALTH DATA	
ROUTE OF ENTRY	Irritancy of Material:	Skin/Eye Irritant	
Skin Contact	May Cause Irritation		
Effects: Acute Exposure	Irritation	Nausea	Dizzness
Effects: Chronic Exposure	May cause defatting dermatitis		
Eye Contact	May cause irritation		
Inhalation	Inhalation of solvents may cause irritation. Propellent is a simple Asphyxiant		
Ingestion	May Cause Headache, nausea, vomiting & weakness		
Skin Absorbtion:	No data Available		
CARCINOGENICITY	The ingredients of this product are not listed as carcinogens by NTP, not regulated as carcinogens by OSHA and have not been evaluated by IARC nor by ACGIH		
Reproductive Effects	No information is available & no adverse Reproductive effects are anticipated		
Teratogenicity	No information is available & no adverse Teratogenic effects are anticipated		
Mutagenicity	No information is available & no adverse Mutagenic effects are anticipated		
Synergistic Materials	None Known		
SECTION SEVEN		SPECIAL PROTECTION	
Gloves	Wear Chemical Resistant Gloves		
Respiratory Protection	If used indoors on a continuous basis use cartridge Type respirator NIOSH/MSHATC Type 23 is recommended		
Eye Protection	Safety glasses		
Engineering Controls	Ventilation - Local (mechanical if indoors on a continuous basis)		
Protective Clothing	Not Required		
Ventilation			
SECTION EIGHT		PREVENTATIVE MEASURES	
Leak/Spill	Remove all sources of ignition, use an inert absorbent material and non-sparking tools Avoid breathing fumes, ventilate area, prevent from entering a watercourse		
Storage	Keep away from heat sparks and open flame Store in a cool well ventilated area not to exceed 50 Deg. C 122 Degrees Fahrenheit		
Shipping Instructions	See Section 1 TDG Classification		
Waste Disposal	Do not puncture or incinerate containers even when empty. Dispose of in accordance with Local, Provincial, State & Federal Regulations		
SECTION NINE		FIRST AID MEASURES	
Emergency First Aid Procedure	In case of eye contact flush immediately with plenty of water for at least 15 minutes and get medical attention. For skin, wash thouroughly with soap & water. If affected by inhalation of vapor or spray mist, remove to fresh air. If swallowed, do not induce vomiting get medical attention.		
SECTION TEN		ADDITIONAL INFORMATION	
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