

# Insect Repellent

## Safety Data Sheet



### SECTION 1: Product and company identification

Product name : Insect Repellent  
Use of the substance/mixture : Aerosol  
Insecticide  
Product code : 8420 - Share  
Company : Share Corporation  
P.O. Box 245013  
Milwaukee, WI 53224 - USA  
T (414) 355-4000  
[sharecorp.com](http://sharecorp.com)  
Emergency number : Chemtrec: (800) 424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

GHS US classification  
Flam. Aerosol 1 H222  
Press. Gas (Liq.) H280  
Eye Irrit. 2A H319  
Skin Sens. 1 H317  
STOT SE 3 H336

#### 2.2. Label elements

GHS US labeling  
Hazard pictograms (GHS US) :



GHS02                      GHS04                      GHS07

Signal word (GHS US) : Danger  
Hazard statements (GHS US) :

Extremely flammable aerosol  
Contains gas under pressure; may explode if heated  
May cause an allergic skin reaction  
Causes serious eye irritation  
May cause drowsiness or dizziness

Precautionary statements (GHS US) :

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Do not spray on an open flame or other ignition source.  
Pressurized container: Do not pierce or burn, even after use.  
Avoid breathing mist, spray.  
Wash thoroughly after handling  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves, eye protection.  
If on skin: Wash with plenty of water.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTER, a doctor if you feel unwell.  
Specific treatment (see supplemental first aid instruction on this label).  
If skin irritation or rash occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Wash contaminated clothing before reuse.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.  
Protect from sunlight. Store in a well-ventilated place.  
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
Dispose of contents/container to comply with local/regional/national/international regulations..

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

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### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
2-propanol	(CAS-No.) 67-63-0	35 – 45	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
diethyltoluamide (ISO): N, N-diethyl-m-toluamide; [deet]	(CAS-No.) 134-62-3	15	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Propane	(CAS-No.) 74-98-6	10 – 20	Flam. Gas 1, H220 Press. Gas (Comp.), H280
isobutane	(CAS-No.) 75-28-5	5 – 10	Not classified

All hazardous chemicals, as determined by 29 CFR 1910.1200 have been listed. A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	: If skin irritation or rash occurs: Get medical advice/attention. Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: May be harmful if swallowed. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Extremely flammable. Contents under pressure. May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: Harmful if inhaled. Dizziness.
Symptoms/effects after skin contact	: Contact during a long period may cause slight irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Water fog. Foam.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable aerosol. Under fire conditions closed containers may rupture or explode.
Explosion hazard	: Contains gas under pressure; may explode if heated. vapors may travel long distances along ground before igniting/flashing back to vapor source. Bursting aerosol containers may be propelled from a fire at high speed.
Reactivity	: Upon combustion: CO and CO <sub>2</sub> are formed.

#### 5.3. Advice for firefighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. No action shall be taken involving any personal risk or without suitable training.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate unnecessary personnel. Isolate from fire, if possible, without unnecessary risk. Gas is denser than air. May accumulate in low areas e.g. close to the ground.

##### 6.1.1. For non-emergency personnel

Protective equipment : Do not enter without an appropriate protective equipment.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Do not allow to enter drains or water courses. Isolate hazard area. Take up liquid spill into inert absorbent material.

#### 6.3. Methods and material for containment and cleaning up

For containment : Stop leak if safe to do so. Isolate area until gas has dispersed. Eliminate every possible source of ignition. Use water spray to disperse the vapors. Collect spillage.  
Methods for cleaning up : Take up liquid spill into inert absorbent material.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Pressurized container: Do not pierce or burn, even after use.  
Precautions for safe handling : Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Pressurized container: Do not pierce or burn, even after use. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Do not puncture, incinerate or crush.  
Storage conditions : Do not expose to temperatures exceeding 50 °C/ 122 °F.  
Heat-ignition : KEEP SUBSTANCE AWAY FROM: ignition sources. heat sources.  
Storage area : Store in a cool area. Store away from heat.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Propane (74-98-6)

ACGIH	ACGIH OEL TWA	1000 ppm
ACGIH	Remark (ACGIH)	Simple Asphyxiant
OSHA	OSHA PEL TWA	1800 mg/m <sup>3</sup>
OSHA	OSHA PEL TWA	1000 ppm

##### isobutane (75-28-5)

ACGIH	ACGIH OEL STEL	1000 ppm
ACGIH	Remark (ACGIH)	CNS impair

##### 2-propanol (67-63-0)

ACGIH	ACGIH OEL TWA	200 ppm
ACGIH	ACGIH OEL STEL	400 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
OSHA	OSHA PEL TWA	980 mg/m <sup>3</sup>
OSHA	OSHA PEL TWA	400 ppm

##### diethyltoluamide (ISO): N, N-diethyl-m-toluamide; [deet] (134-62-3)

Not applicable

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### 8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Personal protective equipment : Gloves. Safety glasses. Insufficient ventilation: wear respiratory protection.



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Gas  
Appearance : Aerosol,milky,Emulsion  
Odor : Pleasant odour  
Odor threshold : No data available  
pH : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : 50 °F (liquid portion)  
Relative evaporation rate (butyl acetate=1) : No data available  
Flammability : No data available  
Explosion limits : No data available  
Explosive properties : No data available  
Oxidizing properties : No data available  
Vapor pressure : No data available  
Relative density : No data available  
Relative vapor density at 20°C : No data available  
Density : 0.9 g/ml  
Solubility : Poorly soluble in water.  
Partition coefficient n-octanol/water (Log Pow) : No data available  
Partition coefficient n-octanol/water (Log Kow) : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Viscosity : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : No data available  
VOC content : 81 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Upon combustion: CO and CO<sub>2</sub> are formed.

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition. Welding. Heat.

### 10.5. Incompatible materials

Acids. Oxidizing agent.

### 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

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<b>2-propanol (67-63-0)</b>	
LD50 oral rat	5840 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	16400 ml/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat [ppm]	> 10000 ppm (Equivalent or similar to OECD 403, 6 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
ATE CLP (oral)	5840 mg/kg body weight
ATE CLP (dermal)	16400000 mg/kg body weight

<b>diethyltoluamide (ISO): N, N-diethyl-m-toluamide; [deet] (134-62-3)</b>	
ATE CLP (oral)	500 mg/kg body weight

Skin corrosion/irritation	: Not classified.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

<b>2-propanol (67-63-0)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not applicable
Symptoms/effects after inhalation	: Harmful if inhaled. Dizziness.
Symptoms/effects after skin contact	: Contact during a long period may cause slight irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.
Likely routes of exposure	: Inhalation;Skin and eye contact

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>2-propanol (67-63-0)</b>	
LC50 - Fish [1]	9640 – 10000 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
LC50 - Fish [2]	9640 mg/l Test organisms (species): Pimephales promelas

### 12.2. Persistence and degradability

<b>2-propanol (67-63-0)</b>	
Persistence and degradability	Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.19 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	2.23 g O <sub>2</sub> /g substance
ThOD	2.4 g O <sub>2</sub> /g substance

### 12.3. Bioaccumulative potential

<b>2-propanol (67-63-0)</b>	
BCF - Fish [1]	1015 (BCFBAF v3.01, Estimated value)
Partition coefficient n-octanol/water (Log Pow)	0.05 (Weight of evidence approach, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container to comply with local/regional/national/international regulations.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

Transport document description (DOT) : UN1950 Aerosols flammable, (each not exceeding 1 L capacity), 2.1  
UN-No.(DOT) : UN1950  
Proper Shipping Name (DOT) : Aerosols  
flammable, (each not exceeding 1 L capacity)  
Class (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115  
Hazard labels (DOT) : 2.1 - Flammable gas



DOT Packaging Non Bulk (49 CFR 173.xxx) : None  
DOT Packaging Bulk (49 CFR 173.xxx) : None  
DOT Special Provisions (49 CFR 172.102) : N82  
DOT Packaging Exceptions (49 CFR 173.xxx) : 306  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg  
DOT Vessel Stowage Location : A  
DOT Vessel Stowage Other : 25 - Protected from sources of heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials

#### Additional information

Other information : No supplementary information available.

#### ADR

No additional information available

#### Transport by sea

No additional information available

#### Air transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

#### FIFRA Labelling

EPA Registration Number : 3862-197

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

FIFRA Signal Word : Warning

FIFRA Human Health Hazards : Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes. Use of this product may cause skin reactions in rare cases. Wash treated clothing before wearing it again. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

#### WARNING

California Proposition 65 - This product does not contain a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

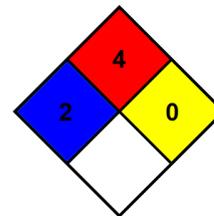
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### SECTION 16: Other information

- Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.
- NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
- NFPA fire hazard : 4 - Materials that rapidly or completely vaporize at atmospheric pressure and normal ambient temperature or that are readily dispersed in air and burn readily.
- NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Prepared by: Technical Department

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