

## Bed Bug Maxx

### MATERIAL SAFETY DATA SHEET (MSDS)

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product name : Bed Bug Maxx  
Product code : -

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Powerful Bed Bug Repellent Spray

##### 1.3. Details of the supplier of the safety data sheet

ZYAX CHEM PVT. LTD.,  
3rd Floor, Kamer Building,  
38 Cawasji Patel Street, Fort,  
Mumbai - 400001, India.  
Contact No: +91 8779240420  
info@zyax.in - www.zyax.in

##### 1.4. Emergency telephone number

Emergency number : +91 22 2757 3899

#### SECTION 2: HAZARDS IDENTIFICATION

Conforms to Hazard Communication Standard 29 CFR 1910.1200.

GHS Classification of Substance or Mixture :

Physical Hazards GHS Classification : Not classified as a physical hazard

Health Hazards GHS Classification : Not classifies as a health hazard

Skin Sensitization - Category 1B

GHS Label Elements :

Hazard pictogram(s) : None

Signal word : None

Hazard statements : None

Precautionary Statements : None



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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Weight Percent
Neem oil	8002-65-1	0.5 - 1.0%
Cedar oil	8000-27-9	0.1 - 0.6 %
Lemongrass oil	8007-02-01	0.2 - 0.8 %

Note: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

### SECTION 4: FIRST AID MEASURES

Eye contact	: No special requirements
Skin contact	: No special requirements
Inhalation	: No special requirements
Ingestion	: No special requirements
Notes to physician	: None
General advice	: If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

### SECTION 5: Firefighting measures

Flammable properties	: Not flammable by OSHA criteria.
Suitable extinguishing media	: Water fog, foam, CO2, dry chemical
Unsuitable extinguishing media	: Not available
Specific hazards arising from the chemical	: Container may melt and leak in heat of fire. Do not allow run-off from firefighting to enter drains or water courses.
Protective equipment for firefighters	: Firefighters should wear full protective clothing including self-contained breathing apparatus.
Hazardous combustion products	: None known
Sensitivity to mechanical impact	: None known
Explosion data	: None known
Sensitivity to static discharge	: None known
Personal precautions	: Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.



### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	: Remove all sources of ignition. Wear personal protective equipment. Wash thoroughly after handling.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods for containment and cleaning up	: Stop leak if without risk. Move containers from spill area. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with earth, sand or absorbent material swept up and placed in suitable, covered, and labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

### SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	: Put on appropriate personal protective equipment (see Section 8). Do not use near heat, open flame or any other ignition source. Avoid contact with skin, eyes and clothing. Use an appropriate respirator when adequate ventilation is not available. Avoid breathing vapors or spray mists of the product.
Storage	: Store product in a cool, dry place, out of reach of children. Keep container closed when not in use. Keep away from food, drink and animal feeding stuffs. Keep tightly closed. Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with Occupational Exposure Limits EYE / FACE PROTECTION

		Exposure Limits		
		OSHA PEL	ACGIH TLV	Supplier OEL
Chemical name		ppm mg/m3	ppm mg/m3	ppm mg/m3
Neem oil	TWA	Not established	Not established	Not established
Cedar oil	TWA	Not established	Not established	Not established
Lemongrass oil	TWA	Not established	Not established	Not established

Engineering controls	: General ventilation normally adequate.
Personal protective equipment :	
Eye/Face protection	: None required
Skin and body protection	: None required
Respiratory protection	: None required
General hygiene considerations	: Handle in accordance with good industrial hygiene and safety practice. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.



### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Light yellow emulsion
Physical state	: Liquid (emulsion)
Odor	: Lemongrass like
Odor threshold	: No data available
pH	: 4-5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Evaporation rate	: No data available
Flammability limits in air, lower, % by volume	: No data available
Flammability limits in air, upper, % by volume	: No data available
Vapor pressure	: No data available
Vapor density	: No data available
Relative density	: About 1.0gm/cm <sup>3</sup>
Octanol/water coefficient	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
% Volatile organic compounds	: No data available

### SECTION 10: STABILITY AND REACTIVITY

Reactivity	
Conditions to avoid	: Do not mix with other chemicals.
Incompatible materials	: Avoid Strong Oxidizers.
Chemical stability	
Product stability	: Stable under recommended storage conditions.
Other	
Hazardous decomposition products	: None known
Possibility of hazardous reactions	: Hazardous polymerization does not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. EFFECTS OF ACUTE EXPOSURE

Primary eye irritation	: Causes moderate eye irritation
Primary skin irritation	: Non-irritating
Acute dermal	: No data available
Acute inhalation	: No data available
Acute oral	: No data available
Sensitization	: May cause allergic reaction after repeated contact.
Chronic effects	: No data available
Carcinogenicity	: No data available



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Mutagenicity	: No data available
Reproductive effects	: No data available
Teratogenicity	: No data available
Ecotoxicity	: No data available

### SECTION 12: ECOLOGICAL INFORMATION

Environmental effects:	: Not Available.
Aquatic toxicity:	: Not Available.
Persistence / degradability:	: Not Available.
Bioaccumulation / accumulation:	: Not Available.
Partition coefficient:	: Not Available.
Mobility in environmental media:	: Not Available.
Chemical fate information:	: Not Available.

### SECTION 13: DISPOSAL CONSIDERATIONS

Waste codes	: Not Available.
Disposal instructions	: Dispose in accordance with all applicable regulations.
Waste from residues / unused products	: Not Available.
Contaminated packaging	: Not Available.

### SECTION 14: TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)	: Not regulated
IATA	: Not regulated
IMDG	: Not regulated

### SECTION 15: REGULATORY INFORMATION

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate Hazard	: No
Delayed Hazard	: No
Fire Hazard	: No
Pressure Hazard	: No
Reactivity Hazard	: No

Section 302 extremely hazardous

Substance	: No
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Section 311 hazardous chemical	: No
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Clean Air Act (CAA)	: Not available
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Clean Water Act (CWA)	: Not available
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State regulations	: None
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FIFRA labeling : This product is a minimum risk pest control product and qualifies for exemption from EPA registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). The labeling requirements under FIFRA differ from the classification criteria and hazard information required for safety data sheets, and for workplace non-pesticide chemicals. Following is the hazard information as found on the pesticide label:

Signal word	: Caution
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Precautionary statements	: Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or repeated skin contact may cause allergic reactions in some individuals.
Notification status	: All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
California Prop. 65	: This product does not contain any chemicals known to the state of California to cause cancer, birth defects or any other reproductive harm.
Disclaimer	: Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

### SECTION 16: OTHER INFORMATION

The information given is based on our knowledge of this product at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the products for purposes other than those it is intended for. It is the sole responsibility of the user to take all precautions required in handling the product. We as manufacturer give the guarantee for the quality of the product.