

Ant Maxx

MATERIAL SAFETY DATA SHEET (MSDS)

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

1.1. Product identifier

Product name : Ant Maxx
Product code : -

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

1.2.1. Ant Maxx Powerful Ant 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

GHS Classification:

Physical	Health	Environment
Not Hazardous	Eye Damage Category 2 Skin Irritant Category 2 Skin Sensitization Category 3	Aquatic Chronic Category 3

GHS Label Elements :

Hazard pictogram(s)



Signal word

: WARNING

Statements of Hazard

: H316 Causes mild skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.



Ant Maxx

Safety Data Sheet

Precautionary Statements

P261 Avoid breathing mists or spray.

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical attention. P362 Take off contaminated clothing and wash before reuse.

P501 Dispose of contents and container in accordance with local and national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Weight Percent
Water	7732-18-5	30-40%
Vinegar/Dilute Acetic Acid	8028-52-2	30-40%
Isopropanol	67-63-0	<10%
Sodium lauryl sulfate	151-21-3	<4.5%
Citronella Oil	8000-29-1	<3%
Lemongrass Oil	8007-02-1	<3%
Thyme Oil	8007-46-3	<3%

The exact formulation is being withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Eye contact	: Immediately flush victim's eyes with large quantities of water for at least 15-20 minutes, while holding the eyelids apart. Remove contact lenses if easy to do so. Continue rinsing. Get immediate medical advice/attention.
Skin contact	: Remove contaminated clothing and shoes. Flush thoroughly with water for several minutes. Get medical attention if irritation or rash occurs. Launder clothing before re-use.
Inhalation	: Move victim to fresh air. Get medical attention if irritation develops.
Ingestion	: Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if you feel unwell.
Most Important Symptoms	: Direct contact with eyes may cause moderate to severe irritation or burns with possible eye damage. May cause moderate skin irritation. May cause skin sensitization. Inhalation of mist or vapors may cause respiratory tract irritation.
Indication of immediate medical attention/special treatment	: Immediate medical attention is required for eye contact.

SECTION 5: Firefighting measures

Suitable (and Unsuitable) Extinguishing Media	: Use media appropriate for surrounding fire. Cool fire exposed containers and structures with water.
Specific hazards arising from the chemical	: This product is not flammable or combustible. A solid stream of water or foam directed into hot, burning liquids can cause frothing. Burning may produce oxides of carbon.
Special Protective Equipment and Precautions for Fire-Fighting Instructions	: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Contain all runoff.



SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	: Evacuate spill area and keep unprotected personnel away. Avoid contact with the eyes, skin and clothing. Avoid breathing mists. Wear appropriate protective clothing as described in Section 8. Avoid releases to the environment.
Methods and Materials for Containment and Cleaning Up	: Dike and collect liquid or absorb with an inert absorbent and place in appropriate containers for disposal. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling	: Avoid contact with the eyes, skin and clothing. Avoid breathing mists. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep containers closed when not in use. Nonrefillable container. Do not reuse containers. Product residues in empty containers can be hazardous. Follow all SDS precautions when handling empty containers.
Conditions for Safe Storage, Including Any Incompatibilities	: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep out of reach of children and pets. Do not store in direct sunlight. Keep containers tightly closed. Protect from physical damage. Keep in locked storage.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Acetic Acid	: 10 ppm TWA, 15 ppm STEL ACGIH TLV 10 ppm TWA OSHA PEL
Isopropanol	: 200 ppm TWA, 400 ppm STEL ACGIH TLV 400 ppm TWA OSHA PEL
Citronella Oil	: None Established
Lemongrass Oil	: None Established
Thyme Oil	: None Established
Engineering Controls	: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.
Respiratory Protection	: In operations where exposure levels are exceeded, a NIOSH approved respirator with dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice. Refer to the product label for additional information.
Skin Protection	: Wear nitrile or latex gloves.
Eye Protection	: Wear safety goggles where splashing is possible.
Other	: Wear long-sleeve shirts, long pants, socks and shoes when using this product. Suitable washing facilities should be available in the work area.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor	: Clear to tan liquid, opaque when mixed with a lemon & vinegar odor
Physical State	: Liquid
Odor Threshold	: Not established
Vapor Density	: Not determined
Initial Boiling Point/Range	: No data available
Solubility In Water	: 100% forms emulsion
Vapor Pressure	: N/A
Relative Density	: N/A
Evaporation Rate	: N/A
Melting/Freezing Point	: N/A
pH	: No data available
Percent Volatile	: No data available
Octanol/Water Coefficient	: No data available
Solubility	: Water
Decomposition Temperature	: No data available
Viscosity	: Not determined
Flammability (solid, gas)	: N/A
Flashpoint	: No data available
Autoignition Temperature	: No data available
Flammable Limits: LEL	: No data available
UEL	: No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	: Not normally reactive
Chemical Stability	: Stable under normal storage and handling conditions.
Possibility of Hazardous Reactions	: Material is not known to polymerize.
Conditions to Avoid	: Exposure to strong oxidizing agents.
Incompatible Materials	: Avoid strong oxidizing agents and strong acids.
Hazardous Decomposition Products	: When heated to decomposition emits oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. EFFECTS OF ACUTE EXPOSURE

HEALTH HAZARDS:

Ingestion	: Ingestion may cause gastrointestinal irritation, nausea and vomiting.
Inhalation	: Inhalation of mists may cause irritation of the nose, throat and upper respiratory tract.
Eye	: Causes serious irritation and burns with redness, pain and tearing. May cause permanent eye damage.
Skin	: May cause moderate skin irritation. May cause an allergic skin reaction (sensitization)
Chronic	: None known.
Sensitization	: This material may cause sensitization.
Carcinogenicity	: None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.



Ant Maxx

Safety Data Sheet

Germ Cell Mutagenicity	: Not expected to cause germ cell mutagenicity.
Reproductive Toxicity	: Not expected to cause reproductive toxicity.
Numerical Measures of Toxicity:	
Product Toxicity Data	: Oral rat LD50: >5000 mg/kg (calculated)
Component Toxicity Data:	
Acetic Acid: Oral rat LD50: 3310 mg/kg	
Isopropanol: Oral rat LD50: 5840 mg/kg	
Citronella Oil: No toxicity data available	
Lemongrass Oil: Oral rat LD50: >5000 mg/kg, Dermal rabbit LD50: >5000 mg/kg	
Thyme Oil: Oral rat LD50: 2840 mg/kg, Dermal rabbit LD50: >5000 mg/kg	

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	
Thyme Oil	: 96 hr LC50 Rainbow trout: 16.1 mg/L This product is classified as harmful to the aquatic environment and harmful to the aquatic environment with long-lasting effects. Releases to the environment should be avoided.
Persistence and Degradability	: No data available for mixture.
Bioaccumulative Potential	: No data available for mixture.
Mobility in Soil	: No data available for mixture.
Other Adverse Effects	: No data available for mixture.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations. The materials resulting from clean-up operations of a spill may be hazardous and, therefore, subject to specific regulations. Package, store, transport and dispose of all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local regulations. Shipments of waste materials may be subject to manifesting requirements per applicable regulations. Appropriate disposal will depend on the nature of the waste and should be performed by competent and properly permitted contractors. Ensure that all responsible federal, state and local agencies receive proper notification of spill and disposal methods. Spills or releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

SECTION 14: TRANSPORT INFORMATION

DOT Hazardous Materials Description	: Not Regulated
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SECTION 15: REGULATORY INFORMATION

FIFRA	: This product is a 25b exempt product.
CERCLA	: This product has an RQ of 20,000 lbs (based on the RQ of Acetic acid of 5,000 lbs present at 15-25%). Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.
SARA Hazard Category (311/312)	: Acute Health
SARA 313	: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None
EPA TSCA Inventory	: All of the ingredients in this product are listed on the EPA TSCA Inventory.



Ant Maxx

Safety Data Sheet

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.