

# Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

**Nature-Cide®**

## SECTION 1: Identification

### 1.1. Identification

Name : NATURE-CIDE PEST MANAGEMENT X2 COMMERCIAL CONCENTRATE  
CAS No :  
Alternate CAS No :

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

No additional information available

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

Pacific Shore Holdings, Inc.  
8236 Remmet Avenue  
Canoga Park, CA 91304 - USA  
T 818-998-0996 - F 818-885-9874  
info@pac-sh.com - www.nature-cide.com

### 1.4. Emergency telephone number

Emergency number : 1-800-424-9300 24 Hours Emergency Chemtrec. ERR - CCN2624

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### GHS-US classification

Skin Sens. 1	H317 -	May cause an allergic skin reaction
Aquatic Acute 2	H401 -	Toxic to aquatic life
Aquatic Chronic 2	H411 -	Toxic to aquatic life with long lasting effects

Full text of H-statements: see section 16

### 2.2. Label elements

#### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS07

GHS09

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H317 - May cause an allergic skin reaction  
H401 - Toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS-US) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray  
P272 - Contaminated work clothing must not be allowed out of the workplace  
P273 - Avoid release to the environment  
P280 - Wear protective gloves/protective clothing/eye protection  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
P321 - Specific treatment (see supplemental first aid instruction on this label)  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P363 - Wash contaminated clothing before reuse  
P391 - Collect spillage  
P501 - Dispose in a safe manner in accordance with local/national regulations

### 2.3. Other hazards

No additional information available

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

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	GHS-US classification
Trade Secret	Trade Secret	10 - 15	Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Trade Secret	Trade Secret	10 - 15	Skin Sens. 1B, H317

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse eyes with water as a precaution.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

- Symptoms/injuries after skin contact : May cause an allergic skin reaction.

### 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. Dry powder. Foam. Carbon dioxide.

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

- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

- For containment : Collect spillage.
- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Store in a well-ventilated place. Keep cool.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

Appropriate engineering controls	: Ensure good ventilation of the work station.
Hand protection	: Protective gloves.
Eye protection	: Safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental exposure controls	: Avoid release to the environment.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state	: Liquid
Colour	: amber
Odour	: There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour(s): Mild odour Pleasant odour Aromatic odour Characteristics Characteristic odour
Odour threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 200 °F
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Vapour pressure	: No data available
Relative density	: 0.988
Relative vapour density at 20 °C	: No data available
Solubility	: Water: Solubility in water of component(s) of the mixture : • Benzyl benzoate: 153 mg/l (20 °C) • CINNAMIC ALDEHYDE: 0.14 g/100ml • TWEEN 80: 10 g/100ml
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: < 20.5 mm <sup>2</sup> /s
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under normal conditions of use.

**10.4. Conditions to avoid**

None under recommended storage and handling conditions (see section 7).

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

<b>Trade Secret</b> (*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret )	
IARC group	3 - Not classifiable

Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after skin contact	: May cause an allergic skin reaction.

## SECTION 12: Ecological information

**12.1. Toxicity**

Ecology - general : Toxic to aquatic life with long lasting effects.

**12.2. Persistence and degradability**

<b>Trade Secret</b> (*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret )	
Persistence and degradability	May cause long-term adverse effects in the environment.

<b>Trade Secret</b> (*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret )	
Persistence and degradability	Not established.

**12.3. Bioaccumulative potential**

<b>Trade Secret</b> (*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret )	
Bioaccumulative potential	Not established.

<b>Trade Secret</b> (*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret )	
Bioaccumulative potential	Not established.

**12.4. Mobility in soil**

No additional information available

**12.5. Other adverse effects**

Effect on the global warming : No known ecological damage caused by this product.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

**SECTION 14: Transport information**

**Department of Transportation (DOT)**

In accordance with DOT  
Not regulated for transport

**Transportation of Dangerous Goods**

No additional information available

**Transport by sea**

UN-No. (IMDG) : 3082  
 Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
 Class (IMDG) : 9 - Miscellaneous dangerous substances and articles  
 Packing group (IMDG) : III - substances presenting low danger

**Air transport**

UN-No. (IATA) : 3082  
 Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.  
 Class (IATA) : 9 - Miscellaneous Dangerous Goods  
 Packing group (IATA) : III - Minor Danger

**SECTION 15: Regulatory information**

**15.1. US Federal regulations**

<b>CEDAR NATURE-CIDE NEW FORMULA</b>	
Not listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Trade Secret</b> (*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret)	
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Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Subject to reporting requirements of United States SARA Section 313	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	100 lb

**15.2. International regulations**

**CANADA**

No additional information available

**EU-Regulations**

No additional information available

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## National regulations

### Trade Secret (\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret)

Listed on IARC (International Agency for Research on Cancer)  
Listed as carcinogen on NTP (National Toxicology Program)

## 15.3. US State regulations

### Safrole (94-59-7)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	3

### Safrole (94-59-7)

U.S. - Massachusetts - Right To Know List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

## SECTION 16: Other information

Revision date : 01/01/2025

Full text of H-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Acute 2	Hazardous to the aquatic environment — Acute Hazard, Category 2
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Skin Sens. 1	Sensitisation — Skin, Category 1
Skin Sens. 1B	Sensitisation — Skin, category 1B
H304	May be fatal if swallowed and enters airways
H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

### HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible  
Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)  
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.  
Personal protection : B  
B - Safety glasses, Gloves

SDS US Trade Secret

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*



**Nature-Cide®**

**Pest Management X2 Commercial Concentrate (CA ONLY)**

**KILLS AND REPELS:** Crawling, Flying Insect Pests and Repels Rodents and Reptiles  
**RECOMMENDED USE:** Outdoors, Fogging / Misting, Turf and Ornamental, Mosquito Misting Applications, Power Spraying, Pump Spraying, Fogging and Misting.

**SPECIMEN LABEL**

**ACTIVE INGREDIENTS:**

- Cedarwood Oil.....50.6%
- Cinnamon Oil .....25.4%
- OTHER INGREDIENTS\*.....24.0%
- TOTAL:.....100.0%

\*Lecithins, Soap & Water

**FIFRA 25(b) Exemption**

**PRECAUTIONARY STATEMENTS**

**CAUTION** – May cause skin and eye irritation. Avoid contact with eyes, skin and clothing. **PERSONAL PROTECTIVE GEAR / EQUIPMENT (PPE):** Persons handling concentrate are required to wear:

- Protective eyewear
- Chemical resistant gloves made of neoprene, nitrile or natural rubber

**USER SAFETY RECOMMENDATIONS:**

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if the product gets inside.
- Wash thoroughly and put on clean clothing.

- Remove PPE after handling this product.
- Wash the outside of the gloves before removing gloves.

**FIRST AID IF IN EYES**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 3 minutes, then continue rinsing eye.
- Call a physician if irritation persists.

**IF ON SKIN:**

- Wash exposed area thoroughly with soap and water.

**IF INHALED:**

- Move exposed person(s) to fresh air.
- If breathing problems persist, get medical attention.

**IF INGESTED:**

- Rinse mouth out with water.
- Do not induce vomiting.
- Obtain medical attention if feeling sick or nauseous.

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

**PRECAUCION AL USUARIO:** Si usted no puede leer o entender inglés, o use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**(TO THE USER:** If you cannot read or understand English, do not use this product until the label has been fully explained to you.) See inside label booklet for FIRST AID and PRECAUTIONARY STATEMENTS.

**DIRECTIONS FOR USE**  
**READ ENTIRE LABEL. USE IN**  
**ACCORDANCE WITH LABEL**  
**INSTRUCTIONS.**

When using this product as an exterior space spray, be sure to treat areas when people are not present to avoid affecting others with any drift that may occur. Maintain agitation in all spray systems including pump sprayers, power sprayers, power fogging / misting sprayers whenever possible. Nature-Cide® Pest Management X2 Commercial Concentrate is intended for use outdoors in and around buildings and structures as well as passenger transport facilities, on and around turfgrass and ornamentals, shrubbery, foundations, new construction, on or around concrete as a rodent and reptile repellent.

**INDOOR USE: It is Recommended to use the NATURE-CIDE® ALL-PURPOSE COMMERCIAL CONCENTRATE FOR ALL INDOOR APPLICATIONS.**

**OUTDOOR USAGE AREAS:**

Includes, but is not limited to, exterior foundations and outdoor premises of apartment buildings, bakeries, beverage plants, bottling facilities, breweries, cafeterias, candy plants, canneries, cereal processing and manufacturing plants, dairy barns, poultry facilities, flour mills, food processing plants, frozen food plants, homes, hospitals, hotels, houses, industrial

buildings, kennels, kitchens, laboratories, manufacturing facilities, mausoleums, meat processing and packaging plants, meat and vegetable canneries, motels, nursing homes, office buildings, restaurants, schools, stores, supermarkets, warehouses, dairy facilities, drive-in restaurants, drive-in theaters, golf courses, parks, unoccupied playgrounds, poultry houses, recreational areas, unoccupied schools, zoos, urban areas, passenger transport facilities and similar structures.

**MODES OF TRANSPORT:**

Aircraft, buses, trucks, trailers, railcars and marine vessels.

**NOTE:** For sensitive outdoor surfaces such as vinyl, plastic, outdoor fabrics, wood decks, concrete floors, etc., test a small non-visible area first before spraying. This includes vinyl siding, all outdoor furniture, storm doors, window frames and shutters, etc. It is possible that Nature-Cide® Pest Management X2 Commercial Concentrate may mark some sensitive surfaces. If spray gets or puddles on any sensitive surface that is listed, simply rinse with water and wipe off with mop or clean cloth. Nature-Cide® Pest Management X2 Commercial Concentrate has multiple water dilution rates that can be applied with conventional application equipment including, but not limited to, compressed air sprayers, power sprayers, misters and foggers. When diluting with water, prepare only the amount needed for immediate use and maintain agitation during use. It's not Recommended to Store Spray Solution Overnight. Tank mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label dosages may be exceeded. This product cannot be tank



mixed with any product with label prohibitions against such mixing. Most effective results are achieved when used as part of a treatment protocol that includes physical, environmental and other chemical pest control measures including Integrated Pest Management protocols (IPM).

**INDOOR USE: It is Recommended to use the NATURE-CIDE® ALL-PURPOSE COMMERCIAL CONCENTRATE FOR ALL INDOOR APPLICATIONS.**

**GENERAL OUTDOOR PEST CONTROL:**

To kill and or repel accessible, exposed stages of crawling and flying insects including, but not limited to, mosquitoes, flies, ants, cockroaches, beetles, grubs, meal worms, fleas, ticks, mites, weevils, spiders, leafhoppers, wasps, hornets, stink bugs, bed bugs, silverfish, potato bugs, crickets, carpenter bees, in outdoor sites that include turf, foliage, shrubbery, building foundations, exterior structure walls and eaves, playgrounds, livestock corrals, poultry coops and pens, passenger transport facilities, boat docks, gardens, that include, but are not limited to, apartments, homes, restaurants, food processing plants, sports fields, industrial installations and warehouses. Thoroughly spray visible and non-visible areas where these insects are usually found with special attention to cracks and crevices, niches, dark corners, wood piles, outdoor drains, non bearing and fruit bearing trees, turf and garden areas, unoccupied playgrounds, unoccupied park benches and any or all structures exterior foundations, walls, eaves, and other harborage sites.

**There are multiple dilution rates for the Nature-Cide® Pest Management X2 Commercial Concentrate. Use lower rates for maintenance service and higher rates for active infestations and to repel pest such as rodents and reptiles. Follow mixing instructions for each target pest.**

**For large area POWER SPRAYING for flying and crawling insects including but not limited to, mosquitoes, flies, fleas, spiders, ticks and ants on but not limited to, turf, foliage, shrubbery, building foundations, boat docks and other outdoor structures, it's recommended to dilute 1 fluid ounces of Nature-Cide® Pest Management X2 Commercial Concentrate per gallon of water.**

**For best bonding/mixing results, ALWAYS add water to solution, never add solution to water.**

**FOGGING / MISTING**

**Nature-Cide® Pest Management X2 Commercial Concentrate for fogging and misting apparatuses, it's recommended to dilute 2 fluid ounces of Nature-Cide® Pest Management X2 Commercial Concentrate per gallon of water.**

**For best bonding/mixing results, ALWAYS add water to solution, never add solution to water.**

**(This formulation is not recommended for automatic misting systems)**

This formulation may be applied as a space spray through conventional fogging and misting equipment (including mist sprayers and mist blowers as well as backpack mist

blowers) and/or related application technologies. To kill and or repel accessible exposed stages of crawling and flying insects including, but not limited to, mosquitoes, flies, noseems, ants, cockroaches, beetles, meal worms, fleas, ticks, mites, weevils, spiders, leafhoppers, wasps, hornets, stink bugs, bed bugs, silverfish, potato bugs, crickets, carpenter bees, in outdoor sites that include turf, foliage, shrubbery, building foundations, exterior structure walls and eaves, unoccupied playgrounds, livestock corrals, poultry coops and pens, passenger transport facilities, boat docks, gardens, that include, but are not limited to, apartments, homes, restaurants, food processing plants, sports fields, industrial installations, passenger transport facilities and warehouses.

## **PUMP SPRAYING FOR INSECTS**

### **OUTDOOR USE PERIMETER TREATMENTS, RECREATIONAL and HIGH TRAFFIC AREAS:**

**Its recommended to dilute 2 fluid ounces of Nature-Cide® Pest Management X2 Commercial Concentrate per gallon of water. For best bonding/mixing results, ALWAYS add water to solution, never add solution to water.**

To kill and repel but not limited to aphids, ants, boxelder bugs, centipedes, cockroaches, crickets, darkling beetles, firebrats, fleas, ground beetles, fowl mites, mites, millipedes, pillbugs, silverfish, sowbugs, spiders, ticks and wasps. In compressed air pump sprayers, apply at the rate of 2 gallons per 1,000 square feet or

until area is thoroughly wet. Also apply to a band of soil and vegetation 4 to 8 feet wide around and adjacent to buildings. Treat the building foundation to a height of 2 to 5 feet with sufficient formulation for coverage. Make special efforts to spray areas where pest species congregate such as, but not limited to, waste / trash receptacles, dumpsters, unoccupied picnic tables, the exterior of food handling establishments, and food pavilions. Additionally, apply around potential entry areas such as, but not limited to, eaves, windows, doorways, porches, around porch lights, and around utility boxes.

## **PUMP SPRAYING AS A RODENT / REPTILE / BIRD REPELLENT**

**It is recommended to dilute 7 fluid ounces of Nature-Cide® Pest Management X2 Commercial Concentrate per gallon of water. For best bonding/mixing results, ALWAYS add water to solution, never add solution to water.**

**To repel pests but not limited to, rats, mice, squirrels, snakes, lizards and various bird life, mix above list dilution rate and treat various areas where these pests frequent.**

To repel but not limited to rats, mice and squirrels other rodents around dwellings or structures treat a 2 to 4 foot surrounding band around the entire structure, as well as all known rodent runways. Treat waste / trash receptacles, dumpsters, unoccupied picnic tables, the exterior of food handling establishments, food pavilions and other areas where it's known that rodents may be feeding and congregating.

To repel but not limited to snakes, lizards, turtles and geckos, treat a 4 to 6 foot band around all fence lines and or areas and structures where these reptiles have been seen harboring and or traveling, pay close attention to areas not accessible to animals or humans, like woodpiles, thorn bushes or shrubbery where reptiles can harbor undetected. **(It is recommended to install snake fencing as well as treating areas of concern where small animals and children may be congregating).**

#### **MOUND DRENCH METHOD - FOR CONTROL OF FIRE ANTS AND OTHER MOUNDING ANTS:**

**It is recommended to dilute 2 fluid ounces of Nature-Cide® Pest Management X2 Commercial Concentrate per gallon of water for mounding ants. For best bonding/mixing results, ALWAYS add water to solution, never add solution to water.**

Apply 1 to 4 gallons of the **Nature-Cide® Pest Management X2 Commercial Concentrate** ready to use formulation to each mound depending on mound size, by sprinkling the mound area until it is wet and treat a 4 foot diameter circle around the mound, as well as pouring solution into the mound opening. For best results, apply in at evening or morning times or cool weather.

#### **MOSQUITO CONTROL AND OTHER BITING FLIES - OUTDOOR YARD OR BARRIER TREATMENT:**

To control adult mosquitoes and other biting flies using ground application, dilute 1 to 2 fluid ounces of **Nature-Cide® Pest**

#### **Management X2 Commercial**

**Concentrate** per gallon of water. Treat harborage areas such as shrubbery and vegetation where mosquitoes/flyes may rest. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated. Repeat as necessary.

#### **MOSQUITO CONTROL AND OTHER BITING INSECTS - AUTOMATIC SPRAYING SYSTEMS:**

Automatic spraying systems must not be programmed to release pesticides where food or feed is directly exposed. To repel but not limited to flies, house flies, hornets, wasps, horn flies, stable flies, horse flies, mosquitoes and gnats, **add 1 fluid ounce of Nature-Cide® Pest Management X2 Commercial Concentrate to each 1 gallon of water (For best bonding/mixing results, ALWAYS add water to solution, never add solution to water)** to tank and agitate well while adding water and maintain thorough agitation while system is in use. In automatic spraying systems like, but not limited to, misting systems used for mosquito and other biting insect control, solutions of **Nature-Cide® Pest Management X2 Commercial Concentrate** should not be stored for extended periods of time, not to exceed one week, as long as the system has regular agitation.

**(Appropriate quantity of adjuvant can be used, as long as there are no label restrictions)** Dispense diluted concentrate through automatic spraying system. Set nozzles to deliver one fluid ounce liquid per minute. Locate nozzles to cover a maximum of 2,000 square feet of space per nozzle. Set timer to operate in accordance with equipment directions. Dilute **Nature-Cide® Pest Management X2 Commercial**

**Concentrate** just prior to use at **1 fluid ounce per gallon of water**.

**TO CONTROL SPIDERS, FLYING INSECTS, AND OTHER NUISANCE PESTS ON AND AROUND BOAT DOCKS:**

As an aid in the elimination of their harborage areas, dilute 1 to 2 fluid ounces of **Nature-Cide® Pest Management X2 Commercial Concentrate** per gallon of water and apply at the rate of 2 gallons per 1,000 square feet or until area is thoroughly wet. Since flying insects can migrate in and out of the treatment area, it is recommended to use this product as part of an Integrated Pest Management (IPM) program. This includes, but is not limited to, eliminating breeding and harborage sites.

**USE ON TURF AND GRASS:**

**Use alone as a contact spray.** To control ants, armyworms, billbugs, chinch bugs, chiggers, crickets, cutworms, earwigs, fleas, grasshoppers, Hyperodes weevils (adults), Japanese beetles (adults), grubs, mole crickets, sod webworms and ticks, dilute in a compressed air sprayer (or backpack), **2 fluid ounces of Nature-Cide® Pest Management X2 Commercial Concentrate** per gallon of water and apply at the rate of 2 to 4 gallons per 1,000 square feet or until area is thoroughly wet. For power sprayers, mix approximately 1 to 2 fluid ounces per gallon of water and apply until area is sufficiently covered (usually minimum of 4 gallons per 1,000 square feet with power sprayer). Exceeding mix rates may create potential phytotoxicity of turf surfaces.

**USE ON NON-BEARING TREES AND SHRUBS:**

To control mites, scale insects, mealybugs, aphids, lace bugs, whiteflies, tent caterpillars, bagworms and beetles, dilute up to **1 to 2 fluid ounces of Nature-Cide® Pest Management X2 Commercial Concentrate per gallon of water** and apply using a compressed air sprayer or power sprayer until foliage is thoroughly wet. Maintain agitation. Exceeding rates may create potential phytotoxicity on plant surfaces. Dilute with enough water to obtain thorough coverage.

**OUTDOOR LIVESTOCK FACILITY USE DIRECTIONS**

**IT IS RECOMMENDED TO USE THE NATURE-CIDE® ALL-PURPOSE COMMERCIAL CONCENTRATE FOR ALL DIRECT USAGE ON ANIMALS, LIVESTOCK AND BIRD LIFE.**

**DILUTION - NATURE-CIDE® PEST MANAGEMENT X2 COMMERCIAL CONCENTRATE**

-1 to 2 fluid ounces per gallon of water, apply 1 gallon of the ready to use dilution per 500-1,000 sq ft for all livestock, horse and poultry bird areas and thoroughly cover but not limited to exterior walls, exterior coverings or other areas where pests rest or congregate in or around dairy barns, poultry houses, stables, swine buildings, open livestock sheds, and other parts of exterior farm buildings.

**REMARKS** -Care should be taken that the spray does not come in direct contact with lactating cow's teats unless they are washed with an approved cleansing solution

and dried before milking. Apply the spray in the area at least 30 minutes prior to milking or after milking has been completed.

**OUTDOOR POULTRY USE -  
INSECT - Poultry lice, Bedbugs and  
Mites**

**DILUTION - NATURE-CIDE® PEST  
MANAGEMENT X2 COMMERCIAL  
CONCENTRATE - For Outdoor poultry  
usage it's recommended to dilute 2 fluid  
ounces of Nature-Cide® Pest  
Management X2 Commercial  
Concentrate per gallon of water. For best  
bonding/mixing results, ALWAYS add  
water to solution, never add solution to  
water.**

**REMARKS -** Spray outdoor roosts, roost poles, outdoor overhangs and connected walls (especially cracks in walls), and outdoor nests or cages thoroughly. It is not necessary to remove poultry from the outdoor housing units during treatment.

This should be followed by spraying over the birds with a fine mist of the  
**Nature-Cide® All-Purpose Commercial  
Concentrate**

**CANNABIS CULTIVATION AND OTHER  
ORGANIC VEGETATIVE PRODUCTION  
FACILITIES**

Nature-Cide® also works as a highly effective insecticide but not limited for usage for mites, whiteflies, aphids and other pest associated with cultivation facilities. The **Nature-Cide® Pest Management X2 Commercial Concentrate** formula is designed for kill on contact and other cleaning protocols to keep a facility pest free. Spray all facilities liberally onto and

around areas where pests frequent or may be harboring, including foundations, doorways, eaves, window frames, walkways and other areas associated with indoor and outdoor cultivations. **When using power spraying equipment for large areas, it's recommended to dilute 1 fluid ounce of Nature-Cide® Pest Management X2 Commercial Concentrate per gallon of water. For best bonding/mixing results, ALWAYS add water to solution, never add solution to water.**

**When using a pressurized pump sprayer it's recommended to dilute 2 oz of Nature-Cide® Pest Management X2 Commercial Concentrate per gallon for spot treatments and facility surroundings. For best bonding/mixing results, ALWAYS add water to solution, never add solution to water.**

**It is recommended to use the Nature-Cide® All-Purpose Commercial Concentrate for direct usage on Cannabis or other Organic plant life and follow directions accordingly.**

**FOR CHEMICAL SPILL, LEAK, FIRE, OR  
MEDICAL EMERGENCIES, CALL: 911  
KEEP ALL INSECTICIDES OUT OF  
REACH OF CHILDREN**

**CONTAINER DISPOSAL:** Triple rinse or its equivalent, then offer for recycling or reconditioning, or puncture and dispose of within regular trash.

**FOR CONTAINERS ONE GALLON AND  
SMALLER:  
STORAGE:** Store in original container in a dry, cool place inaccessible to children and pets.

**DISPOSAL:** Do not reuse container.

Recycle or Discard in trash.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY NOTICE:**

Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be completely refunded. The Directions for Use of this product must be followed as printed. It is not possible to eliminate all risks that could be associated with the use of this product. Ineffectiveness or other unintended issues may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Nature-Cide® or its parent Company Pacific Shore Holdings, Inc. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Nature-Cide® and Pacific Shore Holdings, Inc. and any distribution partner or seller harmless for any claims relating to such factors. Nature-Cide® and Pacific Shore Holdings, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under any adverse conditions or under conditions not reasonably foreseen to anyone or beyond the control of Seller or Nature-Cide® or Pacific Shore Holdings, Inc., and Buyer and User assume the risk of or any such use. To the extent consistent with applicable law,

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Nature-Cide® Pest Management X2  
Commercial Concentrate is a Pacific  
Shore Holdings, Inc. product.

**Distributed By:** Pacific Shore Holdings,  
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CA 91304. PH-818-998-0996

**Customer Service:**

customerservice@nature-cide.com or  
877-248-0488; nature-cide.com  
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This product has not been registered by  
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Holdings, Inc. represents that this  
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registration under FIFRA Section 25(b).

The following products are not for sale  
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