MATERIAL SAFETY DATA SHEET

Emergency Phone: 800-214-7753

PRODUCT: NATULAR™ DT

Effective Date: 10/15/2010
US EPA Registration No.: 8329-602
Development Code: GF-1855

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: NATULAR™ DT

COMPANY IDENTIFICATION:
Clarke Mosquito Control Products, Inc.
110 E. Irving Park Road, 4th Floor
Roselle, IL 60172
U.S.A.

1-800-323-5727

2. INFORMATION ON INGREDIENTS:

Spinosad:	Factor A CAS# 131929-60-7 Factor D CAS# 131929-63-0	7.48%
Other Ingredients*, Proprietary blend		92.52%

* Product may contain up to 3.3% by weight Crystalline Silica (CAS# 14808-60-7).

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

3. HAZARDS IDENTIFICATION:

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner.

EYE: This product may release nuisance dust in handling or use. Dust may cause slight transient (temporary) eye irritation.

SKIN: Essentially non-irritating to skin. The LD50 for skin absorption in rats is > 5000 mg/kg. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. Did not cause allergic skin reactions when tested in guinea pigs.

INGESTION: Single dose oral toxicity is extremely low. The oral LD50 in rats is > 5000 mg/kg.

INHALATION: Inhalation of dusts from this product may irritate the nose, throat, lungs, and upper respiratory tract. Acute exposure to dust is not likely to be hazardous.

SYSTEMIC (OTHER TARGET ORGANS) EFFECTS: In animals, spinosad has been shown to cause vacuolation of cells in various tissues. Dose levels producing these effects were many times higher than any dose levels expected from exposure due to use.

CANCER INFORMATION: Spinosad did not cause cancer in laboratory animals. Respirable crystalline silica is classified by IARC as a Group 1 carcinogen. The weight percent of crystalline silica given represents total quartz and not the respirable fraction. Testing of dust from source products in the manufacture of Natular DT has not detected respirable crystalline silica.

TERATOLOGY (BIRTH DEFECTS): Birth defects are unlikely. Even exposures having an adverse effect on the mother should have no effect on the fetus.

REPRODUCTIVE EFFECTS: Spinosad, in laboratory animal studies, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals.

4. FIRST AID:

EYE: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

INGESTION: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

5. FIRE FIGHTING MEASURES:

FLASH POINT: Not determined
METHOD USED: Not determined

FLAMMABLE LIMITS:
LFL: Not determined
UFL: Not determined

EXTINGUISHING MEDIA: To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam.

FIRE AND EXPLOSION HAZARDS: Keep people away. Isolate fire area and deny unnecessary entry. Under fire conditions some components may decompose. Combustion products may include CO and NOx typical of wood smoke.

FIRE-FIGHTING EQUIPMENT: Wear positive pressure, self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes fire-fighting helmet, coat, pants, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES:

ACTION TO TAKE FOR SPILLS/LEAKS: Collect all waste material and place in closable marked containers. Use non-reactive absorbent to absorb small spills of rinsate and collect for disposal.

7. HANDLING AND STORAGE:

HANDLING: Keep out of reach of children. Do not take internally. Wash thoroughly after handling and before eating, drinking, or smoking. Store product in original container. See product label for additional instructions.

STORAGE: Product should be stored in compliance with local regulations. Store in a cool, dry, well-ventilated place in the original container. Protect from excessive heat and cold. Do not store near food, drink, animal feeding stuffs, pharmaceuticals, cosmetics or fertilizers. Keep out of reach of children.

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

These precautions are suggested for conditions where the potential for exposure exists. Emergency conditions may require additional precautions.

EXPOSURE GUIDELINES: Spinosad: Dow AgroSciences Industrial Hygiene Guide is 0.3 mg/M^3, TWA.

Crystalline silica TLV 0.05 mg/M^3, TLV-Respirable fraction

ENGINEERING CONTROLS: Good ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed. See product label for additional instructions.

APPLICATORS AND ALL OTHER HANDLERS: Refer to the product label for personal protective clothing and equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Solid tan/white bilayer tablet
ODOR: earthy scent
BOILING POINT: Not applicable (solid formulation)
LOOSE BULK DENSITY: 1.88 g/ml
SOLUBILITY IN WATER: Not determined
pH: Not determined

10. STABILITY AND REACTIVITY:

STABILITY (CONDITIONS TO AVOID): Thermally stable at typical use and storage temperatures.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID): None Known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known under normal conditions of storage and use.

HAZARDOUS POLYMERIZATION: Not known to occur.

11. TOXICOLOGICAL INFORMATION:

MUTAGENICITY: For spinosad, in-vitro and animal mutagenicity studies were negative.

Additional information provided in Section 3.

12. DISPOSAL CONSIDERATIONS:

DISPOSAL METHOD: Improper disposal of excess product or rinsate is a violation of the Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA regional office for guidance.

13. TRANSPORT INFORMATION:

This product is not regulated by DOT when shipped domestically by land.

14. REGULATORY INFORMATION:

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's

responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

U.S. REGULATIONS

SARA 313 INFORMATION: This product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Respirable dusts of crystalline silica are classified as a Delayed (Chronic) Health Hazard

STATE RIGHT-TO-KNOW: National, state, provincial or local emergency planning, community right-to-know or other laws, regulations or ordinances may be applicable--consult applicable national, state, provincial or local laws.

COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA, or SUPERFUND): This product contains no chemical subject to reporting under CERCLA.

OSHA HAZARD COMMUNICATION STANDARD: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

The information herein is given in good faith, but no warranty, express or implied, is made. Consult Clarke Mosquito Control Products, Inc. for further Information.