

# MATERIAL SAFETY DATA SHEET

## WINTERGREEN 1200-30

Date Revised: September 21, 2011

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### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Wintergreen 1200-30

CHEMICAL NAME: Methyl salicylate on clay

Company:



NATROCHEM, INC.  
P.O. Box 1205  
Savannah, GA 31402-1205

HMIS RATING	
HEALTH	1
FLAMMABILITY	1
REACTIVITY	0

Telephone Numbers:

Transportation Emergencies:

CHEMTREC (U.S.A.): (800) 424-9300 (24 hours)

CHEMTREC (International): (202) 483-7616 (24 hours, call collect)

Product Information: (912) 236-4464 (EST, 8:00AM – 4:00PM M-F)

### SECTION 2 - COMPONENTS

COMPONENT NAME	CAS#	PEL	TLV	TWA
Kaolin Clay	1332-58-7	6 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N/DA
2-hydroxybenzoic acid, methyl ester	119-36-8	N/DA	N/DA	N/DA

### SECTION 3 - PHYSICAL DATA

Boiling Point: 431.6°F @ 760 mm Hg  
Vapor Pressure (mm Hg): 1.00 @ 68°F  
Vapor Density (Air = 1): N/DA  
Solubility in Water: Insoluble  
Appearance: Off white, free flowing powder

Specific Gravity: 1.75 (Calculated)  
Percent Volatiles: N/DA  
Evaporation Rate: Slower than ethyl ether  
Odor: wintergreen

### SECTION 4 - FIRE & EXPLOSION DATA

FLASH POINT (Method Used): 213°F (COC)

FLAMMABLE LIMITS: N/DA

AUTOIGNITION TEMPERATURE: N/DA

EXTINGUISHING MEDIA: Dry chemical, CO<sub>2</sub>, foam, or water fog

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus with a full face shield operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

UNUSUAL FIRE & EXPLOSION HAZARDS: None Known.

### SECTION 5 - HEALTH HAZARD DATA

CHRONIC HEALTH EFFECTS: An epidemiological study performed on workers in the kaolin processing industry showed that the incidence of lung disease was not significantly higher than the general population. However, the study also showed that prolonged inhalation of high concentrations of dust could cause detectable deposits in the lungs. This product contains up to 2% quartz which may cause cancer, silicosis or other fibrotic lung diseases with prolonged exposure. Quartz has been classified by IARC as a Class 2A Carcinogen. The primary route of entry is inhalation.

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PRIMARY ROUTE OF ENTRY- Inhalation and skin contact.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: Quartz

NTP: No IARC: Yes OSHA: No

TOXICITY:	LD50	LC50
Silicon Dioxide	acute oral >5g/kg	Acute Inhalation: Nuisance dust

EFFECTS OF EXPOSURE-

EYES- Mildly irritating. Symptoms include stinging, tearing, and redness. Excessive contact with powder can cause drying of mucous membranes of eyes due to absorption of moisture and oils.

SKIN- Mildly irritating. Symptoms may include redness and burning of skin.

INHALATION- Nuisance dust. Excessive contact with powder can cause drying of mucous membranes of nose and throat due to absorption of moisture and oils. This material can also cause nasal irritation and nosebleeds.

INGESTION- Not significantly toxic. Swallowing large amounts may be harmful.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE- Persons with breathing problems or lung disease should not work in dusty areas unless a physician approves and certifies their fitness to wear respiratory protection.

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#### SECTION 6 - EMERGENCY & FIRST AID PROCEDURES

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EYE CONTACT: Immediately move individual away from exposure and into fresh air. Immediately rinse with clean water for 15 minutes. Retract eyelids often. Seek immediate medical attention.

SKIN CONTACT: Immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water. Flush with lukewarm water for 15 minutes. Seek medical attention if skin is damaged or if ill effect or irritation develops.

INHALATION: If overcome by exposure, remove victim to fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

INGESTION: If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Consult a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

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#### SECTION 7 - REACTIVITY DATA

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STABILITY: Stable.

MATERIALS TO AVOID- Avoid alteration of product properties before reuse. Calcining, which may result in crystalline formation or mixing with additives may alter toxicological properties. Strong oxidizing agents.

CONDITIONS TO AVOID- Avoid high temperatures (>800°C) treatment.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon when burned. Phenols.

HAZARDOUS POLYMERIZATION: Will not occur.

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**SECTION 8 - SPILL OR LEAK PROCEDURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** MINIMIZE SPILL AREA. Vacuum spill material and place in closed plastic bags for disposal. Prevent runoff from entering drains, sewers, or streams.

**WASTE DISPOSAL METHOD:** In accordance with local, state, and federal regulations.

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**SECTION 9 - SPECIAL PROTECTION INFORMATION**

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**RESPIRATORY PROTECTION:** Use a respirator such as 3M 9900 or equivalent for protection against pneumoconiosis producing dusts.

**VENTILATION:** Provide explosion proof ventilation as required to control airborne dust levels. The sum total of all ingredients may emit vapors during normal processing. All possible health effects are not known and individual sensitivities will vary. Effective exhaust ventilation should always be provided to draw dust, fumes and vapors away from workers to prevent routine inhalation. Ventilation should be adequate to maintain ambient workplace atmosphere below the limits listed in Section V.

**PROTECTIVE GLOVES:** Impervious gloves to protect against contact with product.

**EYE PROTECTION:** Safety goggles.

**OTHER PROTECTIVE EQUIPMENT:** Protective clothing, eye wash station, safety shower.

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**SECTION 10 - SPECIAL PRECAUTIONS**

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**HANDLING AND STORAGE:** Handling can create explosive dust clouds. Eliminate ignition sources, use explosive proof equipment. Conveying and processing equipment should be spark-proof, well bonded and grounded. Avoid dust accumulations.

**OTHER PRECAUTIONS:** Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing before reuse.

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**SECTION 11 - REGULATORY INFORMATION**

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**TOXIC SUBSTANCE CONTROL ACT (TSCA):**

The components of this product are contained on the Inventory of the Toxic Substance Control Act.

**CHEMICAL INVENTORIES:**

**OSHA:**

The component(s) listed below is identified as a hazardous chemical under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

INGREDIENT	AMOUNT	ACGIH (TLV)	OSHA (PEL)	UNITS
Aluminum Silicate	70%	10	6	mg/m <sup>3</sup>

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**SARA 313 TOXIC CHEMICALS:**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and the Pollution Prevention Act of 1990.

CAS REGISTRY #	CHEMICAL NAME	PERCENT BY WEIGHT
None.		

This information must be included in all MSDS' that are copied and distributed for this material.

**SECTION 311/312 - HAZARD CATEGORIES:**

The physical and health hazard categories for the hazardous components exceeding the de minimis amount subject to reporting under Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372

Name of Chemical	Hazard	Percent in Product
Aluminum Silicate	Acute	70%

**ADDITIONAL RIGHT-TO-KNOW INFORMATION ON COMPONENTS:**

None Known.

**TRANSPORTATION INFORMATION:**

DOT Shipping Name: Not regulated by D.O.T.

DOT Identification Number:

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**SECTION 12 - OTHER INFORMATION**

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Revision Note: Review and reissue

Prepared by: Craig Moore

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N/A = Not applicable N/D = Not determined N/DA = No Data Available N/E = Not established

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