

SAFETY DATA SHEET

Date Printed: 12/18/2023

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Product Code: 051811

Product Name NATURE SHIELD

NATURE SCIENCES LLC: 9445 72ND AVE NE

BROOKS, OR 97305

24-hour Emergency Phone: (800)-255-3924

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NATURE SHIELD
PRODUCT CODE: 051811

MANUFACTURER'S NAME: NATURE SCIENCES
LLC ADDRESS : 9445 72ND AVE NE
BROOKS, OR 97305

EMERGENCY PHONE : (800)-255-3924
INFORMATION PHONE : (503)-792-4187

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
* ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	<2.00
BUTYLTRIGLYCOL	143-22-6	<0.12
2,4,7,9-TETRAMETHYLDEC-5-YNE-4,7-DIOL	126-86-3	<0.15

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE:

IRRITATING TO EYES.

SKIN:

MAY CAUSE SKIN DRYNESS OR IRRITATION.

INGESTION:

WHILE THIS MATERIAL HAS A LOW DEGREE OF TOXICITY, INGESTION OF EXCESSIVE QUANTITIES MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.

INHALATION:

INHALATION OF VAPOR OR MIST MAY CAUSE HEADACHES, NAUSEA AND IRRITATION OF THE NOSE, THROAT OR LUNGS.

CHRONIC (CANCER) INFORMATION:

THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A CARCINOGEN BY NTP, IARC OR OSHA.

TERATOLOGY (BIRTH DEFECT) INFORMATION:

THIS MATERIAL DOES NOT CONTAIN COMPONENTS WHICH ARE KNOWN TO CAUSE BIRTH DEFECTS.

REPRODUCTION INFORMATION:

THIS MATERIAL DOES NOT CONTAIN COMPONENTS WHICH ARE KNOWN TO CAUSE REPRODUCTIVE HARM

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1. FIRST AID MEASURES

EYES:

FLUSH WITH LARGE AMOUNTS OF WATER OR EYE WASH. CONTACT PHYSICIAN.

SKIN:

REMOVE CONTAMINATED CLOTHING. WASH SKIN THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF NECESSARY

INGESTION:

DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

INHALATION:

REMOVE TO FRESH AIR. RESTORE BREATHING. CONTACT PHYSICIAN.

AGGRAVATED MEDICAL CONDITIONS:

PERSONS WITH PRE-EXISTING DERMATITIS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL.

2. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: N/A

METHOD: N/A

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: N/A

UPPER FLAMMABLE LIMIT: N/A

AUTO IGNITION TEMPERATURE:

NOT KNOWN. CLOSED CONTAINER MAY EXPLODE DUE TO PRESSURE BUILD-UP OF STEAM EXPOSED TO EXTREME HEAT. MATERIAL CAN SPLATTER ABOVE 100°C/212°F. POLYMER FILM CAN BURN.

HAZARDOUS COMBUSTION PRODUCTS:

DECOMPOSITION PRODUCTS MAY INCLUDE THE FOLLOWING MATERIALS: CARBON DIOXIDE, METAL OXIDE/OXIDES.

EXTINGUISHING MEDIA:

FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL, WATER FOG

FIREFIGHTING INSTRUCTIONS:

USE FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS TO PROTECT FIREFIGHTERS FROM HAZARDOUS COMBUSTION PRODUCTS. WATER MAY BE USED TO COOL CONTAINERS TO PREVENT EXPLOSION OF LIDS FROM PRESSURE BUILD-UP.

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1. ACCIDENTAL RELEASE MEASURES

SPILL:

VENTILATE AREA. EQUIP EMPLOYEES WITH APPROPRIATE PROTECTION.
DIKE AROUND SPILLED MATERIAL. COVER SPILL WITH ABSORBENT MATERIAL AND SHOVEL INTO CONTAINERS.
SEAL CONTAINERS AND REMOVE TO SAFE AREA.

2. HANDLING AND STORAGE

HANDLING:

EQUIP EMPLOYEES WITH APPROPRIATE PERSONAL PROTECTION.

STORAGE:

KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FIRE OR STRONG OXIDANTS.

3. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

USE ALL AVAILABLE ENGINEERING CONTROLS TO ELIMINATE FUMES, MIST OR SPRAY.

RESPIRATORY PROTECTION:

RESPIRATORY PROTECTION MAY BE NECESSARY TO MINIMIZE EXPOSURE TO VAPORS DEPENDING ON THE CONCENTRATION OF AIRBORNE MATERIALS. USE A RESPIRATOR WITH APPROPRIATE FILTERS AND CARTRIDGES (NIOSH APPROVED) OR SUPPLIED AIR EQUIPMENT.

SKIN PROTECTION:

USE GLOVES MADE OF NEOPRENE, BUTYL OR NATURAL RUBBER.

EYE PROTECTION:

USE CHEMICAL SPLASH GOGGLES.

4. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	212° F.
MELTING POINT:	NO INFORMATION AVAILABLE.
VAPOR PRESSURE:	NO INFORMATION AVAILABLE.
VAPOR DENSITY:	LIGHTER THAN AIR
SOLUBILITY IN WATER:	SOLUBLE
SPECIFIC GRAVITY:	1.01
pH:	9
ODOR:	SLIGHT ODOR OF CO SOLVENT
APPEARANCE:	OPAQUE LIQUID.

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1. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID) :

STABLE

INCOMPATIBILITY:

AVOID STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:

POSSIBLE OXIDES OF CARBON AND NITROGEN.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR.

2. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING HAS NOT BEEN CONDUCTED WITH THIS MATERIAL..

3. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

CHEMICAL FATE INFORMATION:

THIS PRODUCT HAS NOT BEEN TESTED FOR BIODEGRADABILITY.

4. DISPOSAL CONSIDERATIONS

INCINERATE OR BURY IN SUITABLE LANDFILL WHERE PERMITTED BY APPROPRIATE GOVERNMENT REGULATIONS.

5. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: PAINT NOT REGULATED

HAZARD CLASS: N/A

DOT CLASS: PAINT NOT REGULATED.

PACKING GROUP:N/A

GUIDE NUMBER:N/A

UN NUMBER: N/A

6. REGULATORY INFORMATION

US FEDERAL REGULATIONS: N/A

OSHA REGULATED: NO

CERCLA: SARA SECTION 313:

* INDICATES TOXIC CHEMICAL'S SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313, TITLE III AND OF 40 CFR 372.

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INTERNATIONAL

REGULATIONS: CANADIAN

WHMIS: N/A

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) : N/A

EINECS: N/A

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

THIS MATERIAL DOES NOT CONTAIN COMPONENTS WHICH ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM, AND MAY BE SUBJECT TO THE REQUIREMENTS OF CALIFORNIA PROPOSITION 65 (CA. HEALTH & SAFETY CODE SECTION 25249.5).

VOLATILE ORGANIC COMPOUNDS: 0.38 lb/gal

45.93 g/l

HMIS INFORMATION: H F R P
1 0 0 B

7. OTHER INFORMATION

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH NATURE SCIENCES LLC OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE AND SUITABLE FOR THEIR CIRCUMSTANCES. TO OUR KNOWLEDGE, THIS MSDS COMPLIES WITH 29CFR 1910.1200