# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification
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Product Name: Advanced Natural Protect
CAS Number: Blend

Company Identification
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The Tile Doctor
1395 S. Marietta Parkway
Suite 222
Marietta, GA 30067
866-651-2690

**24 Hour Emergency Contact:**
CHEMTREC 1-800-424-9300 (within USA)
CHEMTREC 1-703-527-3887 (outside USA)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Amount | CAS Number |
|---|---|---|
| ALIPHATIC HYDROCARBON | >50.0 % | 8052-41-3 |
| XYLENE | < 1.5 % | 1330-20-7 |

COMPOSITION COMMENT:
NOTE: Technical grade Xylene may contain 0-22% Ethyl Benzene CAS# 100-41-4 ; PEL/TLV 100 ppm: STEL 125 ppm. Ethyl Benzene CAS# 100-41-4 is subject to the reporting requirements of SARA Title III, Section 313.

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

COMPOSITION COMMENT:
This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

HAZARDS DISCLOSURE

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SARA 311 Categories:
Immediate (Acute) Health Effects....: Yes
Delayed (Chronic) Health Effects....: No
Fire Hazard.....: Yes
Sudden Release Of Pressure Hazard...: No
Reactivity Hazard.....: No

## 3. HAZARDS IDENTIFICATION

**********  **EMERGENCY OVERVIEW**  **********
*  *
*  **WARNING**  *
*  *
*  **COMBUSTIBLE LIQUID. May cause skin, eye, or** *
*  **respiratory tract irritation.** *
*  *
**********

**HMIS Rating - Health: 2**
**Flammability: 2**
**Reactivity: 0**
**Personal Protection Index: X**

NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the national Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

POTENTIAL HEALTH EFFECTS

EYE:
Eye contact may cause eye irritation with discomfort, tearing, or blurring of vision. High vapor concentrations (greater than 100 ppm) may be irritating to the eyes.

SKIN:
May cause skin irritation with discomfort or rash, redness, swelling, and itching. Prolonged or repeated contact can result in de-fatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INHALATION:
Vapors may be irritating to eyes, nose, throat and respiratory tract. High vapor concentrations may cause headaches, dizziness and may cause CNS depression.

INGESTION:
May cause vomiting. Aspiration of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

SIGNS AND SYMPTOMS OF EXPOSURE:
Early to moderate CNS depression. Headache, dizziness or nausea. Irritation as noted.

CARCINOGENICITY INFORMATION:
N.A.

MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:
May aggravate pre-existing eye or skin conditions upon contact.

## 4. FIRST AID MEASURES

EYE CONTACT FIRST AID:
Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT FIRST AID:
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention.

INHALATION FIRST AID:
Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

INGESTION FIRST AID:
For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. Never give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES
COC Flash Point: > 100 F
Auto ignition Temperature: N/A

FLAMMABLE LIMITS IN AIR
LEL: 0.7 %
UEL: 7 %

FLAMMABLE PROPERTIES:
Use self-contained breathing apparatus and protective equipment.

EXTINGUISHING MEDIA:
Water, carbon dioxide, foam or dry powder.

FIRE & EXPLOSION HAZARDS:
Combustible Liquid. Keep work areas free of hot metal surfaces and other sources of ignition. Avoid spreading burning liquid with water used for cooling.

FIRE FIGHTING INSTRUCTIONS:
As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Cool fire exposed containers with water.

COMBUSTION PRODUCTS:
Thermal decomposition may produce toxic fluorinated products. Burning may produce oxides of carbon and unidentified organics formed during combustion.

## 6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):
Wear appropriate personal protective equipment. Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

INITIAL CONTAINMENT:
Contain spilled material. Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

LARGE SPILLS PROCEDURE:
Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

SMALL SPILLS PROCEDURE:
Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

## 7. HANDLING AND STORAGE

HANDLING (PERSONNEL):
Keep away from, heat, sparks and flames. Use with adequate ventilation. Use only low pressure sprayers. Do NOT aerosolize. Avoid prolonged contact with skin or eyes. Avoid breathing (dust, vapor, mist, gas). Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

HANDLING (PHYSICAL ASPECTS):
Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction. Keep container closed to avoid contamination. Store in a cool dry area.

STORAGE PRECAUTIONS:
Keep away from heat, sparks, and flame. Keep container tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:
Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EYE / FACE PROTECTION REQUIREMENTS:
Chemical goggles and face shield are recommended to avoid contact with eyes.

SKIN PROTECTION REQUIREMENTS:
Nitrile, neoprene or natural rubber gloves. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

RESPIRATORY PROTECTION REQUIREMENTS:
If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

MISCELLANEOUS:
Observe the usual precautions for handling any chemical substance.

EXPOSURE GUIDELINES:

ALIPHATIC HYDROCARBON
- OSHA PEL: 100 ppm
- ACGIH TWA: 100 ppm
- Skin Designation: Yes

XYLENE
- OSHA TWA: 100 ppm
- ACGIH TWA: 100 ppm
- Skin Designation: Yes

NOTE: Technical grade Xylene may contain 0-22% Ethyl Benzene CAS# 100-41-4 ; PEL/TLV 100 ppm: STEL 125 ppm. Ethyl Benzene CAS# 100-41-4 is subject to the reporting requirements of SARA Title III, Section 313.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| FORM ..... | Liquid |
| COLOR ..... | Clear/light amber |
| ODOR ..... | Solvent Odor |
| SOLUBILITY IN WATER ... | N/A |
| SPECIFIC GRAVITY ..... | 0.760 average (Water = 1) |
| VOC ..... | > 755 g/L |

## 10. STABILITY AND REACTIVITY

STABILITY:
Stable.

POLYMERIZATION:
Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:
Avoid contact with strong oxidizing agents.

DECOMPOSITION:
Thermal decomposition produces toxic fluorinated products. Burning may produce oxides of carbon and unidentified organics formed during combustion.

CONDITIONS TO AVOID:
None Known.

## 11. TOXICOLOGICAL INFORMATION

No information available.

## 12. ECOLOGICAL INFORMATION

No information available.

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:
Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

## 14. TRANSPORTATION INFORMATION

PRODUCT LABEL.....: Advanced Natural Protect
D.O.T. SHIPPING NAME...: Petroleum Distillates, N.O.S.
D.O.T. HAZARD CLASS....: Combustible Liquid
UN NUMBER.....: UN 1268
D.O.T. LABEL.....: "No Label Required"

***THIS PRODUCT IS NOT REGULATED BY D.O.T. IN 119 GALLONS OR LESS***

## 15. REGULATORY INFORMATION

SARA Title III - Section 313
XYLENE (1330-20-7)

CERCLA Hazardous Substances
XYLENE (1330-20-7) -- RQ 1000 lb

RCRA Hazardous Substances
XYLENE (1330-20-7) -- RCRA Code: U239

Title V
XYLENE (1330-20-7)

SC Toxic Air Pollutants List
XYLENE (1330-20-7)

Canadian Disclosure List
ALIPHATIC HYDROCARBON (8052-41-3)
XYLENE (1330-20-7

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## 16. OTHER INFORMATION

Prepared By.....: cjl
Approved By.....: jns
Title.....: Environmental Manager
Approval Date.....: May, 2004
Supercedes Date...: May, 2006

ADDITIONAL INFORMATION:
The data in this Material Safety Data Sheet relates only to the specific material designated herein.

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This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of The Tile Doctor. The data on this sheet are related only to the specific material designated herein. The Tile Doctor assumes no legal responsibility for use or reliance upon these data.

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END OF MSDS