

**22607-XXXX****MATERIAL SAFETY DATA SHEET**

7/18/2012

MANUFACTURER OR DISTRIBUTOR: **Chartpak Inc.  
1 River Road  
Leeds, Massachusetts 01053**

INFORMATION TELEPHONE NUMBER: **1-800-628-1910**  
EMERGENCY TELEPHONE NUMBER: **1-888-786-0972**

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: **GRUMBACHER VINE AND WILLOW CHARCOAL** PRODUCT NUMBER: **VINE-CHARC**  
PRODUCT SIZES: **2** BRAND NAME: **GRUMBACHER VINE AND WILLOW CHARCOAL**  
PRODUCT CLASS: **CHARCOAL**

**SECTION II - POTENTIAL HEALTH EFFECTS**

PERMISSIBLE EXPOSURE LEVEL: SEE SECTION III FOR COMPONENT PEL/TLVs  
[Type code-C not in list]

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: NONE EXPECTED

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: NONE EXPECTED

CARCINOGEN LISTING: NTP: NO IARC: NO OSHA: NO

SEE SECTION III FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: NONE

**SECTION III - HAZARDOUS INGREDIENTS**

<u>Ingredient</u>	<u>CAS #</u>	<u>PEL/TLV (MG/M#)</u>	<u>Max % Weight</u>	<u>NTP</u>	<u>IARC</u>
None					

**SECTION IV - FIRST AID**

FIRST AID MEASURES: NONE REQUIRED. NO ACUTE HEALTH EFFECTS EXPECTED.

**SECTION V - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD): N/A AUTOIGNITION TEMPERATURE: N/A  
EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE  
EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED  
FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED  
UNUSUAL FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE

**SECTION VI - SPILL AND LEAK PROCEDURES**

COMPANY: Chartpak Inc.  
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STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: Clean up in accordance with all applicable regulations. Absorb spillage with non-combustible, absorbent material. For waste disposal, see Section XIII

## SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

## SECTION VIII - EXPOSURE CONTROLS

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED  
OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED  
WORK/HYGIENE PRACTICES: NONE REQUIRED  
ENGINEERING CONTROLS: NONE REQUIRED

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A  
VAPOR PRESSURE: N/A  
SPECIFIC VAPOR DENSITY (AIR=1): N/A  
SOLUBILITY IN WATER: N/A

MELTING POINT: N/A  
SPECIFIC GRAVITY: N/A  
REACTIVITY IN WATER: NON-REACTIVE

## SECTION X - STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION PRODUCTS: NONE  
STABILITY: STABLE CONDITIONS TO AVOID: NONE  
INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

## SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: NONE EXPECTED  
The summated LD50 is >50000 mg/kg.  
This product is/is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section III)

## SECTION XII - ECOLOGICAL INFORMATION

NO HARMFUL EFFECTS KNOWN OTHER THAN THOSE ASSOCIATED WITH SUSPENDED INERT SOLIDS IN WATER.

## SECTION XIII - DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS (40 CFR 261): THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE.  
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

## SECTION XIV - TRANSPORTATION INFORMATION

U.S. DOT (49 CFR 172.101): THIS IS NOT A HAZARDOUS MATERIAL AS CLASSIFIED BY CFR 172.101.

## SECTION XV - REGULATORY INFORMATION

COMPANY **Chartpak Inc.**  
PRODUCT **VINE-CHARC**  
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CONTENTS OF THIS MSDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200  
EPA SARA TITLE III CHEMICAL LISTINGS  
NONE

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):  
NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372):  
NONE

INTERNATIONAL REGULATIONS

CANADIAN WHMIS: THIS PRODUCT IS A CONTROLLED PRODUCT UNDER CANADA'S WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. IT CONTAINS THE FOLLOWING TOXIC OR HIGHLY TOXIC MATERIALS:  
NONE

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN THE STATE OF CALIFORNIA UNDER THEIR SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 (PROPOSITION 65) AS BEING KNOWN TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:  
NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED UNDER NEW JERSEY'S RIGHT TO KNOW PROGRAM:  
NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRING NOTIFICATION TO THE STATE OF WASHINGTON UNDER THEIR CHILDREN'S SAFE PRODUCTS ACT:  
NONE

**SECTION XVI - OTHER INFORMATION**

THIS INFORMATION SHEET IS FOR CONSUMER USE ONLY.



Woodhall Stopford, MD, MSPH  
Signed on 07/18/2012  
Durham, NC

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**Woodhall Stopford, MD, MSPH**      **7/18/2012**

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**BRAND NAMES**

THIS MSDS APPLIES TO THE FOLLOWING BRAND NAMES

<b>Brand Name</b>	<b>SKU</b>
GRUMBACHER VINE AND WILLOW CHARCOAL	
GRUMBACHER VINE CHARCOAL 12H	V4312
GRUMBACHER VINE CHARCOAL 12M	V4212
GRUMBACHER VINE CHARCOAL 12S	V4112
GRUMBACHER VINE CHARCOAL 12X	V4012
GRUMBACHER VINE CHARCOAL 3H	V43
GRUMBACHER VINE CHARCOAL 3M	V42
GRUMBACHER VINE CHARCOAL 3S	V41
GRUMBACHER VINE CHARCOAL 3X	V40
GRUMBACHER VINE CHARCOAL V9 (SINGLE STICK)	V9
GRUMBACHER VINE CHARCOAL V925 (25 PER BOX)	V925
GRUMBACHER VINE CHARCOAL V9BU (BULK)	V9BU
GRUMBACHER VINE CHARCOAL, SQUARE, 12 PK	V1612
GRUMBACHER VINE CHARCOAL, SQUARE, 2 PK	V16
GRUMBACHER WILLOW CHARCOAL, MEDIUM, 12 PK	WMD12
GRUMBACHER WILLOW CHARCOAL, THICK, 4 PK	WTK4
GRUMBACHER WILLOW CHARCOAL, THIN, 12 PK	WTN12