



# SAFETY DATA SHEET

Portico™ Paver Stain

Revision Date

6/6/2021

## SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	<b>Portico™ Paver Stain</b>	<b>Item</b>
	(All Colors)	
<b>Product Use</b>	Concrete Stain & Dye	
<b>Company Name</b>	Direct Colors LLC	<b>Office</b> (877) 255-2656 ext.1
	430 E 10th St	
	Shawnee OK 74801	<b>Web</b> <a href="http://www.DirectColors.com">www.DirectColors.com</a>

**EMERGENCY TELEPHONE NUMBER INFOTRAC (800) 535-5053**

## SECTION – 2 HAZARDS INFORMATION

**Pictogram**



**Signal Word** Danger

<b>Hazards</b>	<b>PHYSICAL / HEALTH / ENVIRONMENTAL HAZARD STATEMENTS</b>	<b>HAZARD CATEGORY CLASSIFICATION</b>	<b>CODE</b>
	Combustible liquid	Category 4 Flammable Liquids	H227
	May be fatal if swallowed and enters airways	Category 1 Aspiration Toxicity	H304

<b>Precautions</b>	<b>HANDLING / PROTECTION / FIRE / STORAGE / DISPOSAL</b>	<b>CODE</b>
	Keep out of reach of children	P102
	Keep away from heat / sparks / open flames / hot surfaces – No smoking	P210
	Avoid breathing dust / fume / gas / mist / vapours / spray	P261
	Wash thoroughly after handling	P264
	Do not eat, drink or smoke when using this product	P270
	Wear protective gloves / protective clothing / eye protection / face protection	P280
	In case of inadequate ventilation wear respiratory protection	P285
	In case of fire: Use dry chemicals, CO2, alcohol foam. Water spray to cool or protect exposed materials	P370+P378
	Store in a well-ventilated place. Keep cool	P403+P235
	Store locked up	P405
	Dispose of material in accordance with all State and Federal Guidelines and Regulations	P501

## SECTION – 3 COMPOSITION INFORMATION (Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

<u>CHEMICAL NAME</u>	<u>COMMON NAME AND SYNONYMS</u>	<u>CAS #</u>	<u>IMPURITIES</u>	<u>PERCENT</u>
Odorless Mineral Spirits	Isoalkanes C10-C13, Hydrocarbon Solvent	68551-17-7		20 - 99%

## SECTION – 4 FIRST AID MEASURES

<b>Eye Contact</b>	Immediately flush eyes with cold water for several minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists seek medical aid
<b>Skin Contact</b>	Wash with soap and water, Remove any contaminated clothing and wash before reuse, If irritation occurs or persists seek medical aid
<b>Inhaled</b>	Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention, Only give artificial respiration if breathing has stopped. Do not use mouth-to-mouth method if victim ingested or inhaled the substance, Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device
<b>Ingested</b>	DO NOT INDUCE VOMITING, rinse mouth with water, and drink small quantities of water, Call a physician, or poison control center, and get medical attention, If victim feels nauseous stop drinking, If vomiting occurs, keep head below hips to prevent aspiration into the lungs
<b>Aspiration Hazard</b>	Aspiration into the lungs can cause severe lung damage and is a medical emergency, If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into the lungs, Never give anything by mouth to an unconscious person. Call a physician or hospital emergency room immediately, If victim is drowsy or unconscious and vomiting, place on the left side with the head down. If possible, do not leave victim unattended and observe closely for adequacy of breathing
<b>Important Effects</b>	None known
<b>Important Symptoms</b>	None known

## SECTION – 5 FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Use DRY chemicals, CO2, alcohol foam. Water spray to cool or protect exposed materials
<b>Explosion Hazard</b>	Combustible liquid, May flash if ignited in an enclosed area, Containers may erupt during a fire when heated excessively

**Hazardous Decomposition** Burning or thermal decomposition can produce, carbon oxides, nitrogen oxides  
**Protective Equipment** Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

**FLAMMABLE LIQUIDS HAZARD CLASSIFICATION**

Criteria Flash point &gt; 60°C (140°F) and ≤ 93°C (200°F)

NFPA Class IIIA

GHS Category 4

WHMIS Class B-3

**NFPA HAZARD RATINGS**

Health 1

Flammability 2

Reactivity 0

Special Hazards

**SECTION – 6 ACCIDENTAL RELEASE MEASURES**

**Emergency Procedures** Warn personnel to move away and stay upwind from spill, Stop spill or release only if it can be done safely, Keep unprotected personnel from entering the hazard area, Eliminate ignition sources and ventilate area

**Personal Precautions** Follow all safety precautions, Wear Personal Protective Equipment, Do not walk through spill, Contaminated surfaces will be extremely slippery

**Protective Equipment** Safety Glasses, Chemical Gloves, Approved Respirator, Chemical Apron, Rubber Boots

**Containment** Use sand or inert non-combustible absorbent pads to prevent spill from spreading, Prevent spill from entering the environment, waterways, sewers, basements or confined areas

**Clean Up Procedures** Use sand or inert non-combustible absorbent pads or material. Collect product using non-sparking tools and place into approved container for proper disposal

**Disposal** Dispose of material in accordance with all State and Federal Guidelines and Regulations, Contact a licensed waste disposal contractor for proper disposal

**SECTION – 7 HANDLING AND STORAGE**

**Handling** Keep away from incompatible materials, heat, sparks, electrical equipment, fire and all ignition sources, Do not get in eyes, on skin, or clothing, or breathe mist, vapor or fumes, Use appropriate safety equipment, and adequate ventilation, Do not smoke, eat or drink while using, Wash thoroughly after handling, Use only non-sparking tools, Avoid free fall of liquid, Ground containers when transferring, Empty containers are very hazardous, Do not flame cut, saw or drill. Refer to NFPA-704 and/or API RP 2003 for specific bonding and grounding requirements

**Storage** Keep container closed when not in use, Store in a cool, well-ventilated area and away from incompatible materials, Store away from heat, sparks, open flames or hot surfaces, Store below 49°C (120°F) and in accordance with Class III A Combustible Liquids (GHS Category 4)

**Incompatible Materials** Incompatible with, alkaline materials, bases, halogens, oxidizing agents, strong acids, strong oxidizing agents

**SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE LIMITS**

CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA (TWA 8)	OSHA (CEIL)	NIOSH (TWA 10)	NIOSH (STEL)	Significant Exposure
Odorless Mineral Spirits	None	Established					

**PERSONAL PROTECTION**

HMIS HAZARD RATINGS	
Health	1
Flammability	2
Reactivity	0
Personal Protection	H

**Eyes** Wear safety glasses or goggles or face shield when handling / using this material

**Hands** Wear chemical resistant impervious gloves when handling / using this material

**Lungs** Wear a MSHA / NIOSH approved respirator at or above listed TLV's or if irritation is experienced

**Body** "If Situation Requires" - Wear chemical resistant impervious protective clothing if exposure is considered to be likely when handling / using this material

**Response** Access to a drench shower with eye wash station is a recommended safety precaution for handling / using this type of material

**Ventilation** Ventilate to keep vapors of this material below the lowest ppm listed above, If over Threshold Limit Value use a MSHA / NIOSH approved respirator for organic vapor, supplied air or self-contained breathing apparatus

**SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Flash Point</b>	57°C (135°F)	<b>Specific Gravity / Density</b>	~ 0.82
<b>Flammable Limits (v)</b>	Lower 0.7%, Upper 5.0%	<b>pH (± 0.3)</b>	NA
<b>Auto-Ignition Temp.</b>	230°C (446°F)	<b>Viscosity (mm<sup>2</sup>s / cSt)</b>	ND
<b>Physical State</b>	Liquid	<b>Melting Point</b>	-90°C (-130°F)
<b>Appearance</b>	Varies	<b>Boiling Point</b>	117°C (242.6°F)
<b>Odor</b>	Solvent	<b>Vapor Density (air=1)</b>	~ 1.01
<b>Odor Threshold</b>	ND	<b>Vapor Pressure (mmHg)</b>	~ 4.5004 mmHg (0.6 kPa)
<b>Solubility</b>	< 1%	<b>Evaporation Rate (nBuAc=1)</b>	ND
<b>Volatiles</b>	< 99%	<b>Partition Coefficient</b>	ND
<b>VOC</b>	< 99%	<b>Molecular Weight (g/mol)</b>	~ 157.3
<b>LVP-VOC</b>	0%	<b>Decomposition Temperature</b>	ND

**SECTION – 10 STABILITY AND REACTIVITY**

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients
<b>Chemical Stability</b>	Stable under normal ambient and anticipated conditions of use
<b>Hazardous Polymerization</b>	Will not occur
<b>Conditions To Avoid</b>	Heat sources, sparks, flame or static discharge and incompatible materials
<b>Incompatible Materials</b>	Incompatible with, alkaline materials, bases, halogens, oxidizing agents, strong acids, strong oxidizing agents
<b>Hazardous Decomposition</b>	Burning or thermal decomposition can produce, carbon oxides, nitrogen oxides

**SECTION – 11 TOXICOLOGICAL INFORMATION****ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Ingestion (Yes "Aspiration Hazard"), Inhalation (Yes)

**ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE**

<b>Eyes</b>	May cause eye irritation
<b>Skin</b>	Causes mild skin irritation
<b>Inhalation</b>	Not applicable
<b>Ingestion</b>	May be fatal if swallowed and enters airways, Symptoms may include, nausea, vomiting, abdominal pain

**CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE**

<b>Eyes</b>	Can cause eye irritation
<b>Skin</b>	Causes mild skin irritation, defatting of the skin which may lead to dermatitis
<b>Inhalation</b>	Mist, vapor or fumes may cause, respiratory irritation
<b>Ingestion</b>	May be fatal if swallowed and enters airways, Ingestion may affect, central nervous system, Symptoms may include, gastrointestinal irritation, nausea, vomiting, abdominal pain, central nervous system depression

<b>Acute Tox Calculated</b>	<b>Oral:</b> > 5,000 mg/kg	<b>Dermal:</b> > 5,000 mg/kg	<b>Inhaled:</b> > 100 mg/l
<b>Acute Tox Category</b>	Not applicable (Oral >2,000 mg/kg), Not applicable (Dermal >2,000 mg/kg), Not applicable (Inhaled >20 mg/l) Vapors		
<b>Target Organs</b>	Skin, Upper Respiratory Tract, Eyes		
<b>Medical Conditions</b>	Preexisting, eye, skin, respiratory, disorders may be aggravated by exposure to this product		
<b>Notes to Physician</b>	Contains petroleum distillates, vomiting may cause aspiration pneumonia		

**CARCINOGENIC – This product contains concentrations above 0.1% of the following:**

<u>CHEMICAL NAME</u>	<u>NTP</u>	<u>ACGIH</u>	<u>IARC</u>	<u>GHS Category</u>
None Listed	NA	NA	NA	NA

**MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:**

<u>CHEMICAL NAME</u>	<u>Germ Cell Mutagenicity</u>	<u>Toxic to Reproduction</u>
None Listed	NA	NA

**COMPONENTS ACUTE TOXICITY**

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Form</u>	<u>Subject</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Odorless Mineral Spirits	LD50	Oral	Rat	> 5,000 mg/kg		(>2000 mg/kg)
	LC50	Inhaled	Rat	> 20 mg/l	4 Hours (Vapor)	(>20 mg/l)
	LD50	Dermal	Rabbit	> 5,000 mg/kg		(>2000 mg/kg)

**SECTION – 12 ECOLOGICAL INFORMATION**

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Subject</u>	<u>Subject Latin</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Odorless Mineral Spirits	LD50	Rainbow Trout	(Oncorhynchus mykiss)	> 1,000 mg/l	96 Hours	4 (>100 mg/l)
	EC50	Water Flea	(Daphnia magna)	> 1,000 mg/l	48 Hours	4 (>100 mg/l)
<b>Presistence And Degradability</b>	Based on similar materials, this product will have a significant tendency to partition to air					
<b>Bioaccumulative Potential</b>	There is no evidence to suggest bioaccumulation will occur					
<b>Mobility In Soil</b>	Low solubility and floats and is expected to migrate from water to land, Expected to partition to sediment and wastewater solids					
<b>Other Adverse Effects</b>	May be harmful to aquatic life					

**SECTION – 13 DISPOSAL CONSIDERATIONS**

<b>Disposal Statement</b>	DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER Dispose of any waste in accordance with all State and Federal Guidelines and Regulations
<b>Container Disposal</b>	Empty containers retain product residue (vapors, liquid or solid) observe all precautions when handling, Empty drums should be returned to distributor or taken to an approved waste handling site for recycling or disposal
<b>Material Disposal</b>	This material as supplied, when discarded or disposed of, is a hazardous waste according to Federal Regulations (40 CFR 261) due to its ignitability and due to the composition containing in some or all of its components, Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste, The transportation, storage, treatment and disposal of RCRA waster material must be conducted in compliance with 40 CFR 262, 263, 264 and 270, Disposal can only occur in properly permitted facilities, Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate

**SECTION – 14 TRANSPORT INFORMATION****DOT CLASSIFICATION****UN Number**

Not Regulated

**Proper Shipping Name** n.o.s. ( Chemicals ) or "Limits"

Non Regulated Material

<b>Hazard Class</b>	<b>Packing Group</b>	<b>Label Codes</b>	<b>Reportable Quantity (lb)</b>	<b>Response</b>	<b>Marine Pollutant</b>	<b>Hazard Label</b>	<b>Secondary</b>
None	III	None	None	128	No		

**Additional Info:** For containers less than 119 gallons**SECTION – 15 REGULATORY INFORMATION****TSCA**

<b>CHEMICAL NAME</b>	<b>Sec 8(b) Active Inventory</b>	<b>Sec 8(d) Health And Safety</b>	<b>Sec 4(a) Chemical Test Rules</b>	<b>Sec 12(b) Export Notification</b>
Odorless Mineral Spirits	Yes			

**REPORTABLE QUANTITIES**

<b>CHEMICAL NAME</b>	<b>Extremely Hazardous</b>	<b>Reportable Quantity</b>	<b>Emission Reporting</b>
	<b>EPCRA TPQ Sec 302</b>	<b>EPCRA RQ Sec 304</b>	<b>CERCLA RQ Sec 103</b>
			<b>TRI Sec 313</b>
			<b>RCRA Code</b>
			<b>RMP TQ Sec 112r</b>
None Listed	.	.	.

**SARA**

<b>CHEMICAL NAME</b>	<b>Section 311</b>		<b>Section 311 / 312 Hazards</b>			
	<b>Hazardous Chemical</b>	<b>Acute</b>	<b>Chronic</b>	<b>Flammable</b>	<b>Pressure</b>	<b>Reactive</b>
Odorless Mineral Spirits	Yes			Yes		

**RIGHT TO KNOW**

<b>CHEMICAL NAME</b>	<b>STATE</b>												
	<b>CA</b>	<b>CT</b>	<b>FL</b>	<b>IL</b>	<b>LA</b>	<b>NJ</b>	<b>NY</b>	<b>PA</b>	<b>MI</b>	<b>MN</b>	<b>MA</b>	<b>RI</b>	<b>WI</b>
Odorless Mineral Spirits						Yes		Yes					

**CALIFORNIA**

**WARNING:** This Product can expose you to chemicals (Listed below) known to the State of California to cause cancer, birth defects or reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

<b>CHEMICAL NAME</b>	<b>CAS #</b>	<b>Birth Defects</b>	<b>Reproductive Harm</b>	<b>Carcinogen</b>	<b>Developmental</b>
None Listed					

**CLEAN AIR WATER ACTS**

<b>CHEMICAL NAME</b>	<b>CAS #</b>	<b>Clean Air Acts</b>			<b>Clean Water Acts</b>		
		<b>HAP</b>	<b>Ozone Class 1</b>	<b>Ozone Class 2</b>	<b>HS</b>	<b>PP</b>	<b>TP</b>
Odorless Mineral Spirits	68551-17-7				Yes (Oil)		

**INTERNATIONAL REGULATIONS** – The components of this product are listed on the chemical inventories of the following countries:

<b>CHEMICAL NAME</b>	<b>Australia</b>	<b>Canada</b>	<b>Europe (EINECS)</b>	<b>Japan</b>	<b>Korea</b>	<b>UK</b>
None Listed						

**SECTION – 16 OTHER INFORMATION****SDS LEGEND DESCRIPTION**

~	Approximately	<b>KD</b>	Kidney Damage (nephropathy)
<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists	<b>LC50</b>	A concentration that is lethal to 50% of a given species in a given time
<b>CAS</b>	Chemical Abstracts Service Registry	<b>LD50</b>	Dose that is lethal to 50% of a given species by a given route of exposure
<b>CEIL</b>	Ceiling Limit (15 minutes)	<b>LEL</b>	Lower Explosive Limit
<b>CERCL</b>	Comprehensive Environmental Response, Compensation, and Liability Act	<b>LD</b>	Liver Damage
<b>CI</b>	Cochlear Impairment	<b>NA</b>	Not Applicable
<b>CNS</b>	Central Nervous System	<b>ND</b>	Not Determined
<b>EC50</b>	Concentration of a chemical that gives half-maximal response	<b>NE</b>	Not Established
<b>EPA</b>	Environmental Protection Agency	<b>NFPA</b>	National Fire Protection Association
<b>Eye</b>	(EI = Irritation) (ED = Damage) (EV = Visual Impairment)	<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>FBG</b>	Full Bunker Gear	<b>NTP</b>	National Toxicology Program
<b>GHS</b>	Globally Harmonized System	<b>OSHA</b>	Occupational Safety and Health Administration
<b>HAP</b>	California Hazardous Air Pollutant Clean Air Act	<b>PEL</b>	Permissible Exposure Limit (OSHA)
<b>HMIS-A</b>	Safety glasses	<b>PNS</b>	Peripheral Nervous System
<b>HMIS-B</b>	Safety glasses, gloves	<b>PP</b>	California Priority Pollutant under the Clean Water Act
<b>HMIS-C</b>	Safety glasses, gloves, chemical apron	<b>REL</b>	Recommended exposure limit (NIOSH)
<b>HMIS-D</b>	Face shield, gloves, chemical apron	<b>RT</b>	Upper Respiratory Tract
<b>HMIS-E</b>	Safety glasses, gloves, dust respirator	<b>Skin</b>	(SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)
<b>HMIS-F</b>	Safety glasses, gloves, chemical apron, dust respirator	<b>SARA</b>	Superfund Amendments and Reauthorization Act
<b>HMIS-G</b>	Safety glasses, gloves, vapor respirator	<b>STEL</b>	Short Term Exposure Limit (15 minutes)
<b>HMIS-H</b>	Splash goggles, gloves, chemical apron, vapor respirator	<b>TC Lo</b>	Lowest concentration that is toxic to a given species in a given time
<b>HMIS-I</b>	Safety glasses, gloves, dust and vapor respirator	<b>TD Lo</b>	Lowest dose that is toxic to a given species
<b>HMIS-J</b>	Splash goggles, gloves, chemical apron, dust and vapor respirator	<b>TLV</b>	Threshold Limit Value (ACGIH)
<b>HMIS-K</b>	Air line hood or mask, gloves, full chemical suit, boots	<b>TP</b>	California Toxic Pollutant under the Clean Water Act
<b>HMIS-X</b>	Ask Supervisor	<b>TSCA</b>	Toxic Substances Control Act
<b>HS</b>	California Hazardous Substance under the Clean Water Act	<b>TWA</b>	Time Weighted Average (8 hours) - NOISH (10 hours)
<b>IG / IH</b>	(IG = Ingested) / (IH = Inhaled - Vapors / Mists / Gas)	<b>UEL</b>	Upper Explosive Limit

**Direct Colors LLC**

and nCites LLC have compiled the information herein from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources or the completeness and expressly do not make warranties, nor assume any liability for its use. The information contained herein is provided for reference purposes only and is intended only for persons having relevant technical skills. Because conditions and manner of use are outside of our control, the user is responsible for determining the conditions of safe use of the product. Buyers and users assume all risk, responsibility and liability whatsoever for any and all injuries, losses, or damages to persons or property arising from the use of this product or information.

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-- End of Safety Data Sheet --

Supersedes Safety Data Sheet Dated