

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Pigment #201	Item
Product Use	Coloring Agents, Pigments	
Company Name	Direct Colors LLC	Office (877) 255-2656 ext.1
	430 E 10th St	
	Shawnee OK 74801	Web www.DirectColors.com

EMERGENCY TELEPHONE NUMBER INFOTRAC (800) 535-5053

SECTION – 2 HAZARDS INFORMATION

Pictogram



Signal Word Warning

Hazards PHYSICAL / HEALTH / ENVIRONMENTAL HAZARD STATEMENTS

Causes serious eye irritation
May form combustible dust concentrations in air
Harmful to aquatic life with long lasting effects

HAZARD CATEGORY CLASSIFICATION CODE

Category 2A Eye (Damage / Irritation) H319
None Combustible Dust H381
Category 3 Chronic Toxicity (Aquatic) H412

Precautions HANDLING / PROTECTION / FIRE / STORAGE / DISPOSAL

Keep out of reach of children
Keep away from heat
Avoid breathing dust / fume / gas / mist / vapours / spray
Do not get in eyes, on skin, or on clothing
Wash thoroughly after handling
Do not eat, drink or smoke when using this product
Avoid release to the environment
Wear protective gloves / protective clothing / eye protection / face protection
Wear respiratory protection
Store in a closed container
Dispose of material in accordance with all State and Federal Guidelines and Regulations

CODE

P102
P210
P261
P262
P264
P270
P273
P280
P284
P404
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>
Tetrabenzo Tetraazaporphin	Blue Pigment	147-14-8		25 - 50%
Disodium Methylenebisnaphthalenesulfonate	Dispersing Agent NNO	26545-58-4		25 - 50%
Sodium Sulfate		7757-82-6		2.5 - 10%
Water		7732-18-5		2.5 - 10%
Nonylphenol Ethoxylate	4-Nonylphenyl-polyethylene glycol	9016-45-9		2.5 - 10%

SECTION – 4 FIRST AID MEASURES

Eye Contact	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
Skin Contact	Wash with soap and water, Remove any contaminated clothing and wash before reuse, If irritation occurs or persists seek medical aid
Inhaled	Not applicable under normal use. If irritation is experienced, move person to fresh air
Ingested	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
Important Effects	No additional effects beyond what is listed above
Important Symptoms	No additional symptoms beyond what is listed above

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media	Not considered flammable but will burn at high temperatures, Use extinguishing media for surrounding fire, alcohol foam, carbon dioxide, dry chemical or sand
Explosion Hazard	Dust concentrations in air combined with an ignition source can cause combustion
Extinguishing Media	Not flammable: Use extinguishing media for surrounding fire
Explosion Hazard	Not applicable

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

SECTION – 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Warn personnel of spill
Personal Precautions	Follow all safety precautions, Wear Personal Protective Equipment, Do not walk through spill
Protective Equipment	Safety Glasses, Gloves, Dust Respirator
Containment	Prevent spill from entering the environment
Clean Up Procedures	Sweep up and place in disposal container, Mop area with clean water
Disposal	Dispose of material in accordance with all State and Federal Guidelines and Regulations

SECTION – 7 HANDLING AND STORAGE

Handling	Do not get in eyes, on skin, or clothing, Avoid breathing dust, Use appropriate safety equipment, and adequate ventilation, Do not smoke, eat or drink while using, Wash thoroughly after handling, Avoid release to the environment, Empty containers retain product residue (vapors, liquid or solids) observe all precautions when handling
Storage	Keep container closed when not in use, Keep only in original container, Store away from incompatible materials
Incompatible Materials	Incompatible with, strong acids, strong bases, strong oxidizers

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
Nonylphenol Ethoxylate	None Established						
Tetrabenzo Tetraazaporphin	None Established						

PERSONAL PROTECTION



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

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 dust mask designed to protect against inhalation of dust particles 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 an eye wash station is a recommended safety precaution for handling / using this type of material
Ventilation	Ventilate to keep dusts of this material below the lowest ppm listed above, If over Threshold Limit Value use a MSHA / NIOSH approved High-efficiency particulate respirator with full facepiece, The safety equipment information supplied is for general use and may not insure complete safety for the user, "Consulting with a Safety Equipment Supplier is recommended"

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	NA	Specific Gravity / Density	1.27
Flammable Limits (v)	NA	pH (± 0.3)	6.0 - 8.0
Auto-Ignition Temp.	ND	Viscosity (mm²s / cSt)	NA
Physical State	Solid	Melting / Freeze Point	NA
Appearance	Blue Powder	Boiling Point	NA
Odor	Odorless	Vapor Density (air=1)	NA
Odor Threshold	NA	Vapor Pressure (mmHg)	NA
Solubility	< 95% (Partly Soluble)	Evaporation Rate (nBuAc=1)	NA
Volatiles	< 5%	Partition Coefficient	NA
VOC	< 5%	Molecular Weight (g/mol)	NA
LVP-VOC	0%	Decomposition Temperature	NA

SECTION – 10 STABILITY AND REACTIVITY

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

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

Eyes (Yes), Skin (Yes), Ingestion (Yes), Inhalation (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause serious eye irritation
Skin May cause skin irritation
Inhalation Dust may cause irritation
Ingestion May be harmful if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Can cause serious eye irritation, by direct product eye contact
Skin Can cause skin irritation, defatting of the skin which may lead to dermatitis
Inhalation May be harmful if inhaled, Dust can cause irritation
Ingestion May be harmful if swallowed, Symptoms may include, burning of the, mouth and throat, nausea, vomiting, abdominal pain

Acute Tox Calculated **Oral:** > 5,000 mg/kg **Dermal:** > 5,000 mg/kg **Inhaled:** 50 mg/l

Acute Tox Category Not applicable (Oral >2,000 mg/kg), Not applicable (Dermal >2,000 mg/kg), Not applicable (Inhaled >5 mg/l) Dust or Mist

Target Organs No target organs listed

Medical Conditions No medical conditions known to be aggravated by the use of this product

Notes to Physician Treat symptoms

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>
Sodium Sulfate			No data available			
Tetrabenzotetraazaphthalene			No data available			
Disodium			No data available			
Methylenedibisnaphthalenesulfonate			No data available			
Nonylphenol Ethoxylate			No data available			

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>
Sodium Sulfate			No data available			
Tetrabenzotetraazaphthalene			No data available			
Disodium			No data available			
Methylenedibisnaphthalenesulfonate						
Nonylphenol Ethoxylate	LC50	Bluegill	(Lepomis macrochirus)	1.0 mg/l	96 Hours	2 (>1, ≤10 mg/l)
	EC50	Water Flea	(Daphnia magna)	17.0 mg/l	48 Hours	3 (>10, ≤100 mg/l)

Presistence And Degradability No data available

Bioaccumulative Potential No data available

Mobility In Soil No data available

Other Adverse Effects No data available

SECTION – 13 DISPOSAL CONSIDERATIONS

Disposal Statement DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER
 Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

Container Disposal Empty containers retain product residue (vapors, liquid or solid) observe all precautions when handling, Triple rinse empty container then offer for recycling. If not available, puncture and dispose in a sanitary landfill

Material Disposal 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, 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"

Not dangerous goods

Hazard Class

None

Packing Group

None

Label Codes

None

Reportable Quantity (lb)

None

Response

128

Marine Pollutant

No

Hazard Label**Secondary**

Additional Info:

SECTION – 15 REGULATORY INFORMATION**TSCA**

CHEMICAL NAME	Sec 8(b) Active Inventory	Sec 8(d) Health And Safety	Sec 4(a) Chemical Test Rules	Sec 12(b) Export Notification
Copper	Yes			
Disodium	Yes			
Methylenebisnaphthalenesulfonate				
Nonylphenol Ethoxylate	Yes			

REPORTABLE QUANTITIES

CHEMICAL NAME	EPCRA TPQ Sec 302	EPCRA RQ Sec 304	CERCLA RQ Sec 103	TRI Sec 313	RCRA Code	RMP TQ Sec 112r
Nonylphenol Ethoxylate				Yes		

SARA

CHEMICAL NAME	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive
Nonylphenol Ethoxylate	Yes	Yes				

RIGHT TO KNOW

CHEMICAL NAME	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Nonylphenol Ethoxylate						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

CHEMICAL NAME	CAS #	Birth Defects	Reproductive Harm	Carcinogen	Developmental
None Listed					

CLEAN AIR WATER ACTS

CHEMICAL NAME	CAS #	HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP
None Listed							

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

CHEMICAL NAME	Australia	Canada	Europe (EINECS)	Japan	Korea	UK
Disodium			Yes			
Methylenebisnaphthalenesulfonate						

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

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

Direct Colors LLC

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-- End of Safety Data Sheet --