Safety Data Sheet

according to Federal Register / Vol. 77, No. 58, March 26, 2012 / Rules and Regulations



Bradley Products, Inc.

Davidson Marking System® Blue Dye all sizes Safety Data Sheet (SDS)

Item #s 1013-5, 1101-5, 1163-5, 3408-5 and included in Set Item #s 2407, 2406, 2401, 2403, 1207, 1007 and included in sample sets of dyes

according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulations
Date of Issue: 06/15/2015 Verification date: 06/15/2015 Version 1.0v1 Supersedes 06/01/2014

Bradley Products, Inc. encourages safe handling of this product. To promote safe handling, each recipient should: 1) Notify its employees, agents, contractors and others whom it knows or believes will use this material or the information in this SDS and any other information regarding hazards or safety; 2) Furnish this same information to each of its customers for the product; and 3) Request its customers to notify their employees, customers and other users of the product of this information.

SECTION 1:	Identification of the substance			
		nixture an dof the company/undertaking		
1.1.	Product [dentifier #			
Product form Product name		: Mixture : Davidson Marking System® Slue Dye all size	•	
CAS No		: Proprietary	5	
CAG NO				
Product Code		; 1013-5, 1101-5, 1163-5, 3408-5 and included sample sets of dyes	in Set item #s 2407, 240	6, 2401, 2403, 1207, 1007 and included in
1.2.		ostance or mixture and uses advised against 📡	e di Sinisani	
Use of substance/mixtu		: Dispersion; Pigment Blue		
1.3.	Details of the supplier of the SDS	(Safety Data Sheet)		
Bradley Products, Inc,				
1700 W 94th Str				
Bloomington, MN 55431				
	-881-1430 F 952-881-1873			
www.bradleyproducts.co	om / dms@bradleyproducts.com			
1,4.	Emergency telephone number		Care Capper 1	
Emergency telephone n	umber	: Bradley Products 800-325-7785		
SECTION 25	(Hazards identification		हिन्द्र के कि (हर्न्य अपस्कृत)	
2,1.	Classification of the substance or	mixture ভুকু কিন্দুৰ্ভক	·	
Classification (GHS-US)			,,,	
	ance or mixture according to GHS (U	JS),		
2.2. GHS-US labeling	Label elements		Williams	والمتالية والمراجع والمتاريخ والمتالية والمتالية والمتالية والمتالية والمتالية والمتالية والمتالية والمتالية والمتالية
	not becorded			
No labeling applicable –				
2,3.	Other hazards			
No additional Informatio		Address of the Control of the Contro	Salara de la Companya	
2.4 No data available	Unknown acute toxicity (GHS-US)	And the second second second second second	44,320,00	
SECTION 3:	Composition/information on ing	redients		
3.1.	Substances			
Not applicable			Later Constitution Character resources accesses	<del></del>
3,2.	Mixtures			
Name		Product identifier	1%	Classification (GHS-US)
	Ingredients at levels regulning		17	Classification (Offic-Ob)
	Hazard Communication Standard			Acute Tox, 4 (Oral) H302
(29 CFR 1910,1200)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			, ,, . ( <b>-</b> 1 <b>,</b>
	ibstances to be mentioned			
	of section 3,2 of REACH Annex II			
SECTION 45	වෝජාවේගික්කොට්රාවේක්වේ			I
				daga katang daga kanalas da
4.1.	Description of first aid measures	· If avanced as concerned, not modical attention	Vadvice Show this eafer	y data sheet (SDS) to thedoctor in attendance,
First-aid measures gene				
, a.a. ,,, add die gente	eral			
		Wash contaminated clothing before re-use. Ne	ver give anything to an u	nconscious person,
First-aid measures after		Wash contaminated clothing before re-use. Ne : If INHALED: Remove to fresh air and keep at	ver give anything to an u rest in a position conforta	nconscious person,
First-aid measures after	inhalation	Wash contaminated clothing before re-use. Ne : If INHALED: Remove to fresh air and keep at breathing is affected. If breathing is difficult, su	ver give anything to an u rest in a position conforta pply oxygen.	nconscious person, able for breathing. Get medical attention if
First-aid measures after	inhalation	Wash contaminated clothing before re-use. Ne : If INHALED: Remove to fresh air and keep at	ver give anything to an u rest in a position conforta pply oxygen. othing and wash all expo	nconscious person, able for breathing. Get medical attention if
First-aid measures after First-aid measures after	inhalation skin contact	Wash contaminated clothing before re-use, Ne If INHALED: Remove to fresh air and keep at breathing is affected. If breathing is difficult, su IF ON SKIN (or clothing): Remove affected cloirritation develops or persists, get medical atten	ever give anything to an u rest in a position conforta pply oxygen, othing and wash all expo- tion,	nconscious person, able for breathing. Get medical attention if
	inhalation skin contact	Wash contaminated clothing before re-use, Ne If INHALED: Remove to fresh air and keep at breathing is affected. If breathing is difficult, su IF ON SKIN (or clothing): Remove affected cloirritation develops or persists, get medical atten	ever give anything to an u rest in a position conforta pply oxygen, othing and wash all expo- tion, vater for at least 15 minu	nconscious person, able for breathing. Get medical attention if sed skinwith water for at least 15 minutes. If tes. Remove contact lenses if present and easy
First-aid measures after First-aid measures after First-aid measures after	inhalation skin contact eye contact	Wash contaminated clothing before re-use, Ne If INHALED: Remove to fresh air and keep at breathing is affected. If breathing is difficult, su IF ON SKIN (or clothing): Remove affected do irritation develops or persists, get medical attentiff in EYES: Immediately flush with plenty of viodo so. If pain, blinking or irritation develops or IF SWALLOWED: Rinse mouth thoroughly. D	ever give anything to an usest in a position confortate pply oxygen, other and wash all exposition, water for at least 15 minus or persists, get medical as onot induce vomiting with one that was the continuation was the continuation with the continuation was the continuation with the continuation was t	nconscious person, able for breathing. Get medical attention if sed skinwith water for at least 15 minutes. If tes. Remove contact lenses if present and easy ttention. Continue rinsing.
First-aid measures after First-aid measures after First-aid measures after	inhalation skin contact eye contact ingestion	Wash contaminated clothing before re-use, Ne If INHALED: Remove to fresh air and keep at breathing is affected. If breathing is difficult, su IF ON SKIN (or clothing): Remove affected dc irritation develops or persists, get medical attential IF IN EYES: Immediately flush with plenty of veto do so. If pain, blinking or irritation develops or IF SWALLOWED: Rinse mouth thoroughly, Demedical professional. Get medical attention if y	ever give anything to an urest in a position confortation of the pply oxygen, of the position, other for at least 15 minury persists, get medical a ont induce vomiting without fell unwell.	nconscious person, able for breathing. Get medical attention if sed skinwith water for at least 15 minutes. If tes. Remove contact lenses if present and easy ttention. Continue rinsing.
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First-aid measures after First-aid measures after First-aid measures after 4.2. Symptoms/injuries after Symptoms/injuries after Symptoms/injuries after Symptoms/injuries after Symptoms/injuries after	inhalation skin contact eye contact ingestion Most important symptoms and effe inhalation skin contact eye contact ingestion Indication of any immediate medic	Wash contaminated clothing before re-use, Ne: If INHALED: Remove to fresh air and keep at breathing is affected. If breathing is difficult, su: IF ON SKIN (or clothing): Remove affected cloirritation develops or persists, get medical attent: IF IN EYES: Immediately flush with plenty of vito do so. If pain, blinking or irritation develops: IF SWALLOWED: Rinse mouth thoroughly. Dimedical professional. Get medical attention if vitos, both acute and delayed:  May cause respiratory irritation.  May cause skin irritation.  May cause gastrointestinal irritation.	ever give anything to an urest in a position confortation pply oxygen, other and wash all exposition, water for at least 15 minu or persists, get medical a o not induce vomiting without fell unwell.	nconscious person, able for breathing. Get medical attention if sed skinwith water for at least 15 minutes. If tes. Remove contact lenses if present and easy ttention. Continue rinsing.

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EGUONE	(A)relightingmeasures	W
5.1.	Extinguishing media	
Suitable extinguishing		: Use extinguishing media appropriate for surrounding fire, Water spray, Foam. Dry chemical.
Jasuitable extinguishin		: None known.
5.2.	Special hazards arising from the	ne substance or mixture
ire hazard		: Product is not flammable.
Explosion hazard		: Product is not explosive.
Reactivity		: The product is non-reactive under normal conditions of use, storage and transport.
i.3.	Advice for firefighters	
irefighting instructions		: Use cold water spray to cool fire-exposed containers to minimize risk of rupture.
ratection during firefig		: Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe,
SECTION 6:	Accidental release measures	
5.1.	Personal precautions, protective	re equipment and emergency procedures
Seneral measures		: Ventilate area, Evacuate area, Keep upwind. Spill should be handled by trained clean-up crews properly equipped
		with respiratory equipment and full chemical protective gear (see Section 8).
.1.1.	For non-emergency personnel	
rotective equipment		: Wear protective equipment as described in Section 8.
mergency procedures		; Evacuate unnecessary personnel.
.1.2.	For emergency responders	
rotective equipment	nama e encultar e en e	; For further information refer to section 8; "Exposure controls / personal protection"
.2.	Environmental precautions	
	s and public waters. Notify autho	onties if liquid enters sewers or public waters. Avoid release into the environment,
.3,	Methods and material for conta	inment and cleaning up : Wear sultable protective clothing. Soak up residue with an absorbent such as clay, sand or other sultable material.
tethods for cleaning u	n	: Wear sultable protective clothing. Soak up residue with an absorbent such as clay, sand or other suitable material.
· · · · · · · · · · · · · · · · · · ·	·	Product may create slip hazard,
,4,	Reference to other sections 😸	
See Heading 8		: Exposure controls and personal protection,
ECTION 78	(Handlingand)storage	
¢1.	Precautions for safe handling	
* 1 1	1 recadions for sale flatibility	: Wear personal protective equipment. Do not handle until all safety precautions have been read and understood,
Precautions for safe ha	andina	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving
recautions for sale ha	Manita	wash hands and other exposed areas with fillid soap and water before eating, dripking or smoking and when leaving work.
7.2.	Conditions for safe storage, inc	11-11-1
torage conditions		: Store in well-ventilated place. Keep container tightly closed.
.3. lo additional informatio		
ECTION 8;	Exposure controls / personal	protection
.1.	Control parameters	
.2.	Exposure controls	######################################
ppropriate engineering		: Provide adequate general and local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.
		: Protective clothing, Protective goggles, Gloves,
erennal protective en	apment	: Wear protective gloves.
		. YVGQI DIVICUUVE GIDVES.
Personal protective equi land protection		
land protection Eye protection	, n	: Chemical goggles or safety glasses.
land protection lye protection ikin and body protection	าท	: Chemical goggles or safety glasses. : Wear clothing to minimize bodily exposure.
land protection Eye protection Ekin and body protection Respiratory protection	חכס	: Chemical goggles or safety glasses. : Wear clothing to minimize bodily exposure, : Wear approved mask.
land protection lye protection kin and body protection	วท	: Chemical goggles or safety glasses. : Wear clothing to minimize bodily exposure.
land protection Eye protection Ekin and body protection Respiratory protection	on	: Chemical goggles or safety glasses. : Wear clothing to minimize bodily exposure. : Wear approved mask.
land protection Eye protection Ekin and body protection Respiratory protection	on	: Chemical goggles or safety glasses. : Wear clothing to minimize bodily exposure, : Wear approved mask.

SECTION 9:	Physical and chemical properties		
9.1.	Information on basic physical and chemi		
Physical state	: liqu		
A	. 1.1.		

: blue liquid : blue : none Appearance Color Odor threshold : no data available pH Relative evaporation rate (butyl acetate-1) : Neutral : similar to water Melting point Freezing point : no data available : 0°C (32°F) : 100°C (212°F) Boiling point Flash point

: no data available : no data available : no data available : no data available Self ignition temperature
Decomposition temperature Flammability (solid, gas) Vapor pressure : 19.8 mm Hg at 22°C

:1 Air = 1 :1 Relative vapor density at 20°C

Relative density Density : 1.19 - 1,37 g/ml Solubility : water miscible Log Pow : no data available

# Davidson Marking System® Blue Dye all sizes Safety Data Sheet according to Federal Register / Vol. 77, No. 58, March 28, 2012 / Rules and Regulations

Log Kow		; no data available	
Viscosity, kinematic		: no data available	
Viscosity, dynamic		no data avallable	
Explosive properties		; no data available	
Oxidizing properties		: no data available	
Explosive limits		: no data available	
9.2.	Other information		
No additional informa-	ion available		
SECTION 103	Stabilityandreactivity		
10,1.	Reactivity		
		s of use, storage and transport.	
10.2.	Chemical stability	y or door, storage on a surisport.	
Stable,	Offermous executivy		A-11/2 A-11/2 A-11/2
10,3,	Possibility of hazardous re-	actions	
Not additional informa			
10,4,	Conditions to avoid		
Not additional informa	tion available		
10,5	Incompatible materials		
	s. Mineral acids. Stong alkalis		
10.6.	Hazardous decomposition	products	
May emit toxic fumes	If mixed with strong acids.		
SECTIONAL	Voxicological information		
11.1.	Information on tournal action	l effects 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Acute toxicity	Internation of toxicologica	: Not classified	
Skin corrosion / irritati	an .	: Not classified	
Oviil collogicil i tilitati	61)	: pH: Neutral	
Serious eye damage	'irritation	: Not classified	
		; pH; Neutral	
Respiratory or skin se	nsitization	: Not classified	
Germ cell mutagenicit		: Not classified	
Carcinogenicity	•	: Not classified	
Reproductive toxicity		: Not classified	
Specific target organ	oxicity (single exposure)	: Not classified	
Specific target organ :	oxicity (repeated exposure)	: Not classified	
Aspiration hazard		: Not classified	
Symptoms/injuries aft		: May cause respiratory irriation.	
Symptoms/injuries aft	er skin contact	: May cause skin irritation.	
Symptoms/injuries aft	er eye contact	: Direct contact with the eyes is likely to be irritating.	
	er eye contact		
Symptoms/injuries aft	er eye contact er ingestion	: Direct contact with the eyes is likely to be irritating.	<del></del>
Symptoms/injuries aft Symptoms/injuries aft	er eye contact er ingestion (Ecological Hintermetton)	: Direct contact with the eyes is likely to be imitating. : May cause gastrointestinal imitation.	
Symptoms/injuries aft Symptoms/injuries aft SECTION 123	er eye contact er ingestion  Geological Wintermeliton  Toxicity	: Direct contact with the eyes is likely to be irritating.	
Symptoms/injuries aft Symptoms/injuries aft SECTIONTE 12,1, No additional informat	er eye contact er ingestion  Geological/information  Toxicity fon available,	Direct contact with the eyes is likely to be irritating.    May cause gastrointestinal irritation.	
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Symptoms/injuries aft Symptoms/injuries aft Symptoms/injuries aft Symptoms/injuries aft Symptoms/injuries aft Symptoms/injuries aft Symptoms/informat 12.2. No additional informat 12.5. No additional informat 12.5. No additional informat SECTION S	er eye contact er ingestion  (3cological/information)  Toxicity ion available, Persistence and degradabi ion available  Bloaccumulative potential ion available  Mobility in soil ion available, Other adverse effects ion available,  Uisposal/considerations  Waste treatment methods imendations ods	: Direct contact with the eyes is likely to be irritating. : May cause gastrointestinal irritation.	
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Symptoms/injuries aft Symptoms/injuries aft Symptoms/injuries aft Symptoms/injuries aft Symptoms/injuries aft Symptoms/injuries aft Section/128  12.1. No additional information additi	er eye contact er ingestion  (3cological/information)  Toxicity ion available, Persistence and degradabi ion available  Bloaccumulative potential ion available  Mobility in soil ion available, Other adverse effects ion available,  Uisposal/considerations  Waste treatment methods imendations ods	Dispose in a safe manner in accordance with local/state and national regulations.	
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according to Federal Register / Vol. 77, No. 58, March 26, 2012 / Rules and Regulations

Other information : No supplementary information available Packing Group Packing Group (ADR) : Not regulated Packing Group (IMDG) : Not regulated Packing Group (IATA) : Not regulated Packing Group (ADN) : Not regulated Packing Group (RID) : Not regulated Environmental Hazards Dangerous for the environment Marine pollutant : No Other information : No supliementary information available 14.6. Special precautions for user Alegant Overland Transport No data available Transport by sea No data available Air fransport No data available Inland waterway transport Not subject to AND : No Rail Transport Carriage prohibited (RID) : No Transport in bulk according to Annex II or MARPOL 73/78 and the IBC Code 14.7. Not applicable (Regulatory/information) SECTION 15: 15.1 US Federal regulations Davidson Marking System® Blue Dye (all sizes) (proprietary) : All components of this product are listed or are exempt. : This product does not contain any chemicals which are subject to the reporting requirement of the Act and Title 40 of SARA 311, 312, 313 the Code of Federal Regulations, Part 372. All hazard categories are negative. :This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 Clean Water Act and 40 CFR 122,42, Clean Air Act : This product contains no hazardous air pollutants. ; This product does not contain any substances regulated as hazardous substances under the Comprehensive CERCLA Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355), International Inventories TSCA (US Toxic Substances Control Act Sect 8(b) : Listed Inventory) EINECS/ELINCS (European Inventory of Existing Commercial Chemical Substances / EU List of Notified : Listed Chemical Substances) DSL (Canadian Domestic Substances List) : Listed NDSL (Canadian Non-Domestic Substances List) : not determined PICCS (Philippines Inventory of Chemicals and Chemical : Listed Substances) ENCS (japan Existing and New Chemical Substances) : Listed IECSC (China Inventory of Existing Chemical Substances) : Listed AICS (Australian Inventory of Chemical Substances) : Listed KECL (Korean Existing and Evaluated Chemical : Listed Substances) NZIoC (New Zealand Inventory of Chemicals) : not determined Canada Davidson Marking System® Blue Dye (all sizes) (proprietary) Components listed on the Canadlan DSL (Domestic Substances List) inventory, WHMIS Note: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR. AND WHMIS Hazard Class; Non-controlled, EU-Regulations Contains no substances with Annex XVII restrictions. Contains no substance on the REACH candidate list. Contains no REACH Annex XIV substances.

Germany

VwVwS Annex reference

: Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12,BlmSchV

: Is not subject of the 12.BimSchV (Hazardous Incident Ordinance)

Denmark

Recommendations Danish Regulation

: Pregnant/breastfeeding women working with the product must not be in direct contact with the product,

REACH Registration
All relative steps have been taken to ensure REACH-Compliance.

Restrictions - REACH Title VIII

EN (English US)

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No information available,

15.2.1

Chemical Safety Assessment

No additional information available,

15.3. US State regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

SECTION 16:	Other information

Indication of changes Other information : Revision 1.0; New SDS Created 06/15/2015

: Author EKW.

NFPA health hazard NFPA fire hazard NFPA reactivity

: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given. : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water,

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating

Davidson Marking System® Blue Dye			
HEALTH	1		
FLAMMABILITY	O		
PHYSICAL	. 0		
PERSONAL PROTECTION	н		



Health

: 1

Flammability

: 0 Materials that are normally stable, even under fire conditions and will NOT react with water, polymerize, decompose, condense or self-react. Non-Explosives,

Physical

; 0 Materials that are normally stable, even under fire conditions and will NOT react with water, polymerize, decompose, condense or self-react. Non-Explosives.

Personal Protection

SDS US (GHS HazCom 2012) - HMIS (ver 3)

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