DOJINDO Laboratories

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Safety Data Sheet (SDS)

This product is a chemical substance and is intended to be used by persons having chemical knowledge and skill, at their own discretion and risk.

Revision Date: July 09, 2018 Section 1. PRODUCT AND COMPANY IDENTIFICATION 1.1 Product identifier Product Name: -Bacstain- CFDA solution Product Code: **BS03** CAS Number _ EC Number: 1.2 Details of the supplier of the safety data sheet Company: **Dojindo Laboratories** Tabaru 2025-5 Mashiki-machi, Kamimashiki-gun, Kumamoto 861-2202, Address: Japan +81-96-286-1515 Telephone: +81-96-286-1525 Fax: +81-96-286-1515 Emergency phone number : 1.3 Product use For research use only. Section2. HAZARDS IDENTIFICATION 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008.[EU-GHS/CLP] Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 2.2 Label elements Labeling according Regulation (EC) No 1272/2008 [EU-GHS/CLP] Pictogram: None Signal word: None Hazard statement(s): None Precautionary statement(s): None 2.3 Other hazards None known. Section3. COMPOSITION/INFORMATION ON INGREDIENTS Product Name: -Bacstain - CFDA solution 3.1 5(6)-Carboxyfluorescein diacetate, solution Synonyms: Concentration: ≦100 % Formula: Molecular Weight: Section4. FIRST AID MEASURES

4.1 Description of first aid measures If inhaled: If breathed in, move into fresh air. Seek medical advice if discomfort occurs. If not breathing, give artificial respiration. Call a physician. If swallowed: Do not induce vomiting. Wash out mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention. In case of skin contact: Wash off with plenty of water. Remove contaminated clothing and launder before reuse. In case of eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation occurs.

4.2 Most important symptoms and effects, both acute and delayed No information available.

4.3 Indication of any immediate medical attention and special treatment needed No information available.

Section5. FIRE-FIGHTING MEASURES

5.1	Extinguishing media					
	Use extinguishing media appropriate for the surrounding fire.					
5.2	Special hazards arising from the substance or mixture					
	May emit toxic fumes under fire condi					
5.3	Special protective equipment for firefighters					
	Wear self-contained breathing apparatus and full protective clothing if necessary.					
Sectio	Section6. ACCIDENTAL RELEASE MEASURES					
6.1	Personal precautions, protective equipment and emergency procedures					
	Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Avoid					
		st, vapors, mist or gas. Avoid contact with skin and clothing.				
6.2	Environmental precautions					
	Prevent further leakage. Prevent contamination of drains with product.					
6.3 Methods and materials for containment and cleaning up						
	Pick up and collect product in suitable	e container for disposal.				
Section7. HANDLING AND STORAGE						
7.1	Precautions for safe handling					
	Avoid contact with skin and eyes. Avoid formation of dust. Avoid breathing dust, vapors, mist or gas. Wear					
	appropriate protective personal equipment. Use only with adequate ventilation.					
7.2	Conditions for safe storage, including					
	Keep tightly closed. Protect from light					
	Store in a cool (0-5°C), dark and dry place.					
Sectio	on8. EXPOSURE CONTROLS / PERS					
8.1	Control parameters	SONAL I NOTECTION				
	Contains no substances with occupat	ional exposure limit values.				
8.2	Exposure controls	'				
	Engineering measures					
	Ensure adequate ventilation, especial	ly in confined areas.				
	Hygiene measures					
		strial hygiene and safety practice. When using, do not eat, drink or				
	smoke. Wash hands, forearms and fa	ice after handing.				
	Personal protective equipment					
	Eye/face protection:	Wear safety glasses with side-shields conforming to European Standard EN166.				
	Hand protection:	Wear protective gloves conforming to EU Directive 89/686/EEC and				
	Hand protection:	European Standard EN374. Gloves must be inspected prior to use.				
		Avoid skin contact with product when remove gloves. Dispose of				
		contaminated gloves safely after use.				
	Skin and body protection:	Wear laboratory coat or impervious clothing. Choose appropriate body				
		protection according to the amount and concentration of the substance				
		at the work place.				
	Respiratory protection:	Wear suitable respiratory equipment in case of inadequate ventilation.				
Contin	tion9. PHYSICAL AND CHEMICAL PROPERTIES					
Sectio	Information on basic physical and ch					
	a) Appearance:	Colorless liquid				
	b) Odor:	Pungent				
	c) Odor Threshold:	No data available				
	d) pH:	No data available				
	e) Melting point/freezing point:	No data available				
	f) Initial boiling point and boiling range	e: No data available				
	g) Flash point:	No data available				
	h) Evaporation rate:	No data available				
	i) Flammability (solid, gas):	No data available				
	j) Upper / lower flammability or explos					
k) Vapor pressure:		No data available				
	I) Vapor density: m) Relative density:	No data available No data available				
	n) Solubility(ies):	No data available				
 o) Partition coefficient: n -octanol / water: 						
p) Auto-ignition temperature:		No data available				
q) Decomposition temperature:		No data available				
r) Viscosity:		No data available				
	s) Explosive properties:	No data available				

t) Oxidizing properties:

No data available

	Stability and reactivity	Ot-L		
	Reactivity:	Stable		
	Chemical stability:	Stable at a cool (0-5°C), dark and	ary place.	
	Possibility of hazardous reactions:	No data available		
	Conditions to avoid:	Heat, sunlight, high temperature		
	Incompatible materials:	Strong oxidizing agents, strong ac		
	Hazardous decomposition products:	When decomposed, it may emit to	xic fumes of carbon	
		monoxide and carbon dioxide.		
	on11. TOXICOLOGICAL INFORMATI	ION		
11.1	Information on toxicological effects			
	a) Acute toxicity:	No data available		
	b) Skin corrosion / irritation:	No data available		
	c) Serious eye damage/eye irritation:	No data available		
	d) Carcinogenicity:			
	No compor	nent of this product present at levels greater than	n or equal to 0.1% is	
	identified as a possible, probable or confirmed human carcinogen by IARC.			
	e) Reproductive toxicity:	No data available		
	f) STOT - SE:	No data available		
	g) STOT - RE:	No data available		
	h) Aspiration hazard:	No data available		
11.2	Potential health effects			
11.4		May be harmful if swallowed		
	Ingestion:	May be harmful if swallowed.	traat irritation	
	Inhalation:	May be harmful if inhaled. Causes respiratory t		
	Skin:	May be harmful if absorbed through skin. Caus	ses skin irritation.	
	Eyes:	Causes serious eye irritation.		
11.3	Additional Information			
	No additional information is available			
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Section 15. REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 [REACH], as amended by Commission Regulation (EU) No 453/2010.

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture No information available

15.2 Chemical Safety Assessment No information available

Section16. OTHER INFORMATION

Key to abbreviations and acronyms	
STOT-SE:	Specific Target Organ Toxicity - Single Exposure
STOT-RE:	Specific Target Organ Toxicity - Repeated Exposure
PBT:	Persistent Bioaccumulative and Toxic
vPvB:	very Persistent very Bioaccumulative and toxic
ADR:	european Agreement concerning the international carriage of
	Dangerous goods by Road
CAS:	Chemical Abstracts Service
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association
IMDG:	International Maritime code for Dangerous Goods
REACH:	Registration, Evaluation, Authorization and restriction of Chemicals
RID:	Regulations concerning the International transport of Dangerous goods
	by rail

This product is a chemical substance and is intended to be used by persons having chemical knowledge and skill at their own discretion and risk. This SDS was prepared with our best knowledge based on the information obtained. However, it does not provide any warranty on the data and the assessment of hazards and toxicity information be covered. For use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, region and country where the product be used. In case you use the information on SDS for important decision, we strongly recommend you to confirm the source of information and the data with your own investigation. Please be noted that the physicochemical data

and contents indicated in this SDS are not guaranteed values, only a guide.

The cautions stated are for normal handling only. Additional care may be required for any special handling. The data and/or information used on this SDS may be updated by new knowledge and/or amendments of the conventional theory. Therefore, please check the most updated version of SDS which is available at www.dojindo.com.