Material Safety Data Sheet (MSDS)

Revision Number: 1.1		Last updated	Aug 18 2016
1. Product and Company Iden	ntification		
Product Name:	6-TAMRA, Special Formulation; [6-		
	Carboxytetr	amethylrhodamine]	
Manufacturer/Supplier:	AnaSpec, Inc.		
	www.anasp	ec.com	
	34801 Cam	pus Drive	
	Fremont, Ca	A 94555	
	Tel: 510-79	1-9560	
	Fax: 510-791-9572		
	Email: service@anaspec.com		
Catalog Number	AS-81122;	AS-81122; AS-81122-01	
Unit Size	10mg, 100m	10mg, 100mg	

2. Hazards Identification

Emergency Overview: We do recommend handling all chemicals with caution. Use proper protective equipment when handling chemicals. To our knowledge, the hazards of this material have not been thoroughly investigated.

GHS Hazard Classification:

GHS Physical Hazards

GHS Health and Environmental Hazards

GHS Signal Words: None

GHS Hazard Statements:

GHS Precautionary Statements:

Potential Health Effects for:

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Good hygiene practice requires that exposure be kept to a minimum and that suitable control

measures be used in an occupational setting.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Skin: In case of contact, immediately wash skin with soap and copious amount of water.

Eyes: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Chronic Exposures: No information available. We recommend limiting prolonged exposure.

Target Organs: No information available

3. Composition

Ingredients/Components:

Chemical Name: 6-TAMRA, Special Formulation; [6-Carboxytetramethylrhodamine]

Molecular formula: C₂₅H₂₂N₂O₅ Molecular weight: 430.45 (Free Acid)

CAS-No N/A EC-No N/A

4. First Aid Measures

Inhalation:	If dust is inhaled, remove from contaminated area.
	Encourage patient to blow nose to ensure clear passage of breathing.
	If irritation or discomfort persists seek medical attention.
Ingestion:	If swallowed do NOT induce vomiting.
	If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to
	maintain open airway and prevent aspiration.
	Observe the patient carefully.
	Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably
	drink.
	Seek medical advice.
Skin:	If skin or hair contact occurs:
	Flush skin and hair with running water (and soap if available).
	Seek medical attention in event of irritation.
Eyes:	If this product comes in contact with the eyes:
	Wash out immediately with fresh running water.
	Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the
	eyelids by occasionally lifting the upper and lower lids.
	If pain persists or recurs seek medical attention.

Alcohol resistant foam. Dry chemical powder. BCF (where regulations permit). Carbon dioxide Alert Emergency Responders and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves.		<u>ures</u>	
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PPE Use personal protective equipment		Do NOT cut	, drill, grind or weld such containers
	PPE	Use personal	protective equipment
7. Handling and Storage			

8. Exposure Controls	/ Personal Protection	<u>n</u>
Engineering controls	even when particular mutual friction. Exhaust ventilation particulates in the value of local erespiratory protecti (a): particle dust result (b): filter respirator (c): fresh-air hoods Build-up of electrogrounding. Powder handling exadditional protection Air contaminants g	exhaust an adverse concentration of the substance in air could occur, on should be considered. Such protection might consist of: spirators, if necessary, combined with an absorption cartridge; so with absorption cartridge or canister of the right type; or masks static charge on the dust particle, may be prevented by bonding and quipment such as dust collectors, dryers and mills may require on measures such as explosion venting. enerated in the workplace possess varying "escape" velocities which, the "capture velocities" of fresh circulating air required to efficiently
PPE	Use personal protect	
9. Physical and Chemi	_	
Physical State	solid	
Odour Solubility in Water	Not available Not available	
Specific Gravity	Not available	
pH	Not available	
Boiling Point	Not available	
Melting Point	Not available	
Flash Point	N/A	
Vapor Pressure:	N/A	
Vapor Density:	N/A	
10. Stability and Read	<u>tivity</u>	
Thermal Decomposition	ı	No data available
Dangerous Products of Decomposition		No data available
Dangerous Reactions		COx, NOx when burned
Keep container tightly of and kept upright. Store		entilated place. Containers which are opened must be carefully resealed
11. Toxicological Info	<u>rmation</u>	lav.
RTECS Number		N/A No information available

Toxicity

No information available.

Health Hazards	Although ingestion is not thought to produce harmful
	effects, the material may still be damaging to the
	health of the individual following ingestion, especially
	where pre-existing organ (e.g. liver, kidney)
	damage is evident. In an occupational setting however,
	ingestion of insignificant quantities is not thought to be
	cause for concern.
Potential Hazards	Not available
Carcinogenicity:	No significant acute toxicological data identified
OSHA Permissible Exposure Limit(PEL) Data	N/A
ACGIH Threshold Limit Values (TLV)	N/A

Reproductive Toxicity:

No information available

12. Ecological Information

No information available.

13. Disposal Considerations

All waste must be handled in accordance with local, state and federal regulations. Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.

14. Transport Information

Hazard Class	N/A
Identification Number	N/A
Packing Group	N/A
Proper Shipping Name (DOT)	N/A

15. Regulatory Information

California Proposition 65: N/A

US TSCA (Toxic Substance Control Act): N/A

US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act: N/A

US SARA Title III (Superfund Amendments and Reauthorization Act: N/A

US Other: N/A

EC EINICS (European Inventory of Existing Commercial Chemical Substances) Number: N/A

EC Risk Statements: N/A

Other Country Regulations: N/A

16. Other Information

It is not intended for food, drug, household, agricultural or cosmetic use. A technically qualified individual experienced in handling potentially hazardous chemicals must supervise its use. The

above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available. AnaSpec shall not be held liable for any damage resulting from handling or from contact with the above product.