

Safety Data Sheet (SDS)

<i>Revision Number: 1.1</i>	<i>Last updated: May 2015</i>
<u>1. Product and Company Identification</u>	
<i>Product Name:</i>	SensoLyte® anti-MOG (35-55) Mouse/Rat ELISA Kit “Colorimetric”
<i>Manufacturer/Supplier:</i>	AnaSpec, Inc. www.anaspec.com 34801 Campus Drive Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9572 Email: service@anaspec.com
<i>Catalog Number</i>	AS-54465
<i>Unit Size</i>	1 kit
<u>2. Hazards Identification</u>	
<i>Emergency Overview:</i>	
<i>GHS Hazard Classification:</i>	
<i>GHS Physical Hazards</i>	
<ul style="list-style-type: none"> Component A: Not Applicable Component B: Not Applicable Component C: Not Applicable Component D: Not Applicable Component E: Not Applicable Component F: Not Applicable Component G: Not Applicable Component H: Not Applicable Component J: Not Applicable 	
<i>GHS Health and Environmental Hazards</i>	
<ul style="list-style-type: none"> Component A: Not Applicable Component B: Not Applicable Component C: Irritant to eyes Component D: Irritant to eyes Component E: Not applicable Component F: Causes serious eye damage. Causes Skin irritation. Component G: Not applicable Component H: Not applicable Component J: Not Applicable 	
<i>GHS Signal Words:</i>	
<ul style="list-style-type: none"> Component A: Not Applicable 	

AnaSpec Inc.

34801 Campus Drive, Fremont, CA 94555

Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573

Component B: Not Applicable
 Component C: Warning
 Component D: Warning
 Component E: Not Applicable
 Component F: Warning
 Component G: Not Applicable
 Component H: Not Applicable
 Component J: Not Applicable

GHS Hazard Statements:

Component A: Not Applicable
 Component B: Not Applicable
 Component C: H303 May be Harmful if swallowed.
 Component D: H303 May be Harmful if swallowed.
 Component E: H303 May be Harmful if swallowed.
 Component F: H318 Causes serious eye damage.
 H315 Causes skin irritation
 Component G: H303 May be harmful if swallowed.
 Component H: H303 May be harmful if swallowed.
 Component J: Not Applicable

GHS Precautionary Statements:

Component A: -None
 Component B: -None
 Component C: -None
 Component D: -None
 Component E: -None
 Component F: - P280 Wear protective gloves/eye protection/face protection.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 Component G: -None
 Component H: -None
 Component J: -None

HMIS Classification:

Component A:	Component B:	Component C:	Component D:	Component E:	Component F:	Component G:	Component H:	Component J:
Health hazard: 0	Health hazard: 0	Health hazard: 0	Health hazard: 0	Health hazard: 0	Health hazard: 3	Health hazard: 0	Health hazard: 0	Health hazard: 0
Flammability: 0	Flammability: 0	Flammability: 0	Flammability: 0	Flammability: 0	Flammability: 0	Flammability: 0	Flammability: 0	Flammability: 0
Physical hazards: 0	Physical hazards: 0	Physical hazards: 0	Physical hazards: 0	Physical hazards: 0	Physical hazards: 0	Physical hazards: 0	Physical hazards: 0	Physical hazards: 0

NFPA Rating:

Component A:	Component B:	Component C:	Component D:	Component E:	Component F:	Component G:	Component H:	Component J:
Health hazard: 0	Health hazard: 0	Health hazard: 0	Health hazard: 0	Health hazard: 0	Health hazard: 0	Health hazard: 0	Health hazard: 2	Health hazard: 0
Fire: 0	Fire: 0	Fire: 0	Fire: 0	Fire: 0	Fire: 2	Fire: 0	Fire: 0	Fire: 0
Reactivity hazard: 0	Reactivity hazard: 0	Reactivity hazard: 0	Reactivity hazard: 0	Reactivity hazard: 0	Reactivity hazard: 0	Reactivity hazard: 0	Reactivity hazard: 0	Reactivity hazard: 0

AnaSpec Inc.

34801 Campus Drive, Fremont, CA 94555

Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573

3. Composition / Information on Ingredients*Ingredients/Components:*

<i>Chemical Name:</i>	<i>Description</i>	<i>CAS Number:</i>
Component A	Proprietary	N/A
Component B	Proprietary	N/A
Component C	Proprietary	N/A
Component D	Proprietary	N/A
Component E	N/A	N/A
Component F	Contains HCl	7647-01-0
Component G	Proprietary	NA
Component H	Proprietary	NA
Component J	NA	NA

Component A,B,C, D, G, and H

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Skin: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

Component E and F

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Skin: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

5. Fire Fighting Measures

Extinguishing media: **Component A, B, C, D, E, F, G, H and J:** Not applicable.

Special firefighting procedures: **Component A, B, C, D, E, F, G, H and J:** Not applicable.

Unusual fire and explosions hazards: **Component A, B, C, D, G, H and I:** Not applicable.

6. Accidental Release Measures

Containment and spill response **Component A, B, C, D, E, G, H and J:** Wipe out with paper towel and dispose into appropriate container.

AnaSpec Inc.

34801 Campus Drive, Fremont, CA 94555

Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573

	Component F: If necessary, neutralize with dilute base. Use appropriate equipment to place in appropriate waste disposal container. Spread water on contaminated surface and dispose of according to local and regional requirements.
<i>PPE</i>	Use personal protective equipment

7. Handling and Storage

Component A, B, C, D, E, G, H and J: Not Applicable.

Component F

Handling: Avoid contact with skin and eyes. Prevent formation of dust and aerosols and provide adequate ventilation.

Storage: Store in a tightly closed container in a dry well-ventilated area.

8. Exposure Controls / Personal Protection

<i>Engineering controls</i>	Component F: Facilities storing and using this material should be equipped with a safety shower and eyewash station. Adequate ventilation should also be present. Component A, B, C, D, E, G, H and J: Not applicable.
<i>PPE</i>	Component A, B, C, D, E, G, H and J: Wear gloves, laboratory coat and safety goggles when handling these components. Component F: <i>Respiratory System:</i> A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use. <i>Skin and Body:</i> Wear appropriate work uniform or laboratory coat to prevent skin exposure. <i>Hands:</i> Use chemical resistant, impervious gloves. Appropriate techniques should be used to remove potentially contaminated gloves. <i>Eyes:</i> Wear chemical splash goggles.

9. Physical and Chemical Properties

<i>Physical State</i>	Liquid
<i>Odo</i>	Not determined
<i>Solubility in Water</i>	Soluble
<i>Specific Gravity</i>	Not determined
<i>pH</i>	Component C: pH-7.5 Component D: pH-7.5 Component F: pH-2.0
<i>Boiling Point</i>	Not determined

AnaSpec Inc.

34801 Campus Drive, Fremont, CA 94555

Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573

<i>Melting Point</i>	Not determined
<i>Flash Point</i>	Not determined
<i>Vapor Pressure:</i>	Not determined
<i>Vapor Density:</i>	Not determined
<u>10.Stability and Reactivity</u>	
<i>Thermal Decomposition</i>	Not applicable
<i>Dangerous Products of Decomposition</i>	Not Applicable
<i>Dangerous Reactions</i>	Not Applicable
<u>11.Toxicological Information</u>	
<i>RTECS Number</i>	Component A: NA Component B: NA Component C: NA Component D: NA Component E: NA Component F: MW4025000 Component G: NA Component H: NA Component J: NA
<i>Toxicity</i>	<i>Component F contain Hydrochloric Acid.</i> <i>For HCl:</i> Oral LD50 LD50 Oral - rat - 700 mg/kg Inhalation LC50 Not listed Dermal LD50 LD50 Dermal - rabbit - 5,010 mg/kg
<i>Health Hazards</i>	<i>No data available</i>
<i>Potential Hazards</i>	Potential Health Effects Component F Inhalation May cause respiratory tract irritation. Skin May cause skin irritation. Eyes May cause eye irritation. Ingestion May be fatal if swallowed. Target Organs Not listed
<i>Carcinogenicity:</i>	No data available
<i>OSHA Permissible Exposure Limit(PEL) Data</i>	No data available
<i>ACGIH Threshold Limit Values (TLV)</i>	No data available
<u>12. Ecological Information:</u>	
Do not empty into drain.	

13. Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

14. Transport Information:

<i>UN Number</i>	3316
<i>Hazard Class</i>	9
<i>Packing Group</i>	III
<i>Proper Shipping Name (DOT)</i>	Chemical Kit

AnaSpec Inc.

34801 Campus Drive, Fremont, CA 94555

Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573

<u>15. Regulatory information</u>	
<i>California Proposition 65:</i>	Not listed
US TSCA (Toxic Substance Control Act):	Component A : Not Listed Component B : Not Listed Component C : Not Listed Component D : Not Listed Component E : Listed Component F : Listed Component G : Listed Component H : Listed Component J : Not Listed
<i>US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):</i>	Component A : Not Listed Component B : Not Listed Component C : Not Listed Component D : Not Listed Component E : Not listed Component F : 231-595-7 Component G : Not Listed Component H : Not listed Component J : Not Listed
US SARA Title III	Component A, B, C, D, E, G, H and J SARA 302 components: N/A SARA 313 components: N/A SARA 311/312 Hazards: N/A Component F SARA 302 components: N/A SARA 313 components: N/A SARA 311/312 Acute Health Hazard, Chronic Health Hazard
US Clean Air Act:	Component A, B, C, D, E, F, G, H and J <i>Listed under Hazardous Air Pollutants: Not listed</i> <i>Listed under Class 1 Ozone Depletors: Not listed</i> <i>Listed under Class 2 Ozone Depletors: Not listed</i>
<i>US Clean Water Act:</i>	Components A, B, C, D, E, G, H and J Listed under "Hazardous Substances": Not listed <i>Listed under "Priority Pollutants": Not listed</i> Listed under "Toxic Pollutants": Not listed Component F : CWA 5000 lb

AnaSpec Inc.

34801 Campus Drive, Fremont, CA 94555

Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573

US States: Right-to-Know: Listed in the following States:

Component A:	Component B:	Component C:	Component D:	Component E:	Component F:	Component G:	Component H:	Component J:
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

European/International Regulations:

	Component A:	Component B:	Component C:	Component D:	Component E:	Component F:	Component G:	Component H:	Component J:
EC EINICS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EC Risk statements	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WGK	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A
Canada-DSL/NDL	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Canada-WHMIS classification	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Canada-Canadian Ingredient Disclosure List	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

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.

AnaSpec Inc.

34801 Campus Drive, Fremont, CA 94555

Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573