

Material Safety Data Sheet

Section 1- Product Information

His-TEV-Kras(2-185) G12D Product Name

Catalog No. XXXXXX

Identified uses Biochemical research/analysis

Company BioMetas (Shanghai) Limited

> 2F, 330 Aidisheng Road Zhangjiang High Tech Park

Pudong New Area Shanghai, China

Section 2- Composition/information on ingredients

No components need to be disclosed according to the applicable regulations.

Section 3- Hazards Identification

HMIS Rating		
Health	0	
Flammability	0	
Reactivity	0	
NFPA Rating		
Health	0	
Flammability	0	
Reactivity	0	
For additional information on toxicity, please refer to Section 11.		

Section 4- First Aid Measures

Oral Exposure	If swallowed, wash out mouth with water provided
	person is conscious. Call a physician.
Inhalation Exposure	If inhaled, remove to fresh air. If breathing becomes
	difficult, call a physician.
Dermal Exposure	In case of skin contact, flush with copious amounts of
	water for at least 15 minutes. Remove contaminated
	clothing and shoes. Call a physician.
Eye Expose	In case of contact with eyes, flush with copious
	amounts of water for at least 15 minutes. Assure
	adequate flushing by separating the eyelids with

Section 5- Fire Fighting Measures

Flash Point	Not available
Autoignition Temp	Not available
Flammability	Not available

Extinguishing Media Suitable Water spray. Carbon dioxide, dry chemical powder, or

appropriate foam.

fingers. Call a physician.

Fire Fighting Protective Equipment Wear self-contained breathing apparatus and

protective clothing to prevent contact with skin and

eyes.

Specific Hazard(s) Emits toxic fumes under fire conditions

Section 6- Accidental Release Measures

Procedure to Be Followed in Case of Leak or Spill

Evacuate area

Procedure(s) of Personal Precaution(s)

Wear respirator, chemical safety goggles, rubber

boots, and heavy rubber gloves

Methods for Cleaning Up

Sweep up, place in a bag and hold for waste disposal.



Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7- Handling and Storage

Handling

User Exposure Avoid inhalation. Avoid contact with eyes, skin, and

clothing. Avoid prolonged or repeated exposure.

Storage Tightly closed.

Storage at -80°C. Transport with dry ice.

Section 8- Exposure Controls/Personal Protection Equipment

Engineering Controls Mechanical exhaust required

Personal Protective Equipment

Respiratory Use respirators and components tested and approved

under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1

(EN 143) respirator.

Other Wear appropriate government approved respirator,

chemical-resistant gloves, safety goggles, other

protective clothing.

General Hygiene Measures Wash thoroughly after handling

Section 9- Physical and Chemical Properties

Appearance

Physical State Form: liquid

Property

Not available BP/BP Range Not available MP/MP Range Not available Freezing Point Not available Vapor Pressure Not available Vapor Density Not available Saturated Vapor Conc. Not available Not available SG/Density **Bulk Density** Not available Odor Threshold Not available Volatile% Not available VOC Content Not available Not available Water Content Solvent Content Not available **Evaporation Rate** Not available Viscosity Not available Not available Surface Tension Partition Coefficient Not available Decomposition Temp. Not available Flash Point Not available

Section 10- Stability and Reactivity

Stability

Stable Stable

Hazardous Decomposition Products

Explosion Limits

Autoignition Temp

Refractive Index

Optical Rotation Miscellaneous Data

Flammability

Solubility

Hazardous Decomposition Products Nature of decomposition products not known

Not available

Not available

Not available

Not available Not available

Not available

Not available



Route of Exposure Skin Contact Skin Absorption Inhalation Ingestion Conditions Aggravated by Exposure Section 12- Ecological Information Eco-toxicity Toxicity of The Products of Biodegradation Appropriate Method of Disposal federal, Section 14- Transport Information Section 14- Transport Information Section 15- Regulatory Information Section 15- Regulatory Information Section 15- Regulatory Information Section 15- Regulatory Information United States Regulatory Information DISL NDSL Section 16- Other Information Disclaimer Nay cause skin irritation May be harmful if absorbed through the skin May be harmful if absorbed the skin May be harmful if swallowed The toxicological properties have not been thoroughly investigated. The product itself and its products of degradation are not toxic. Waste must be disposed of in accordance with transport and local environmental control regulations. Non-hazardous for in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR. No No Section 16- Other Information For research use only		n 11- Toxicological Information				
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			For research use only			

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.