

Revision Date:15-Jan-2020

Section 1-Identification of Substance/ Identification of Company	
Product name	H-Trp-Gly-Gly-OH
Product Cat. No.	302489
Chemical Formula:	$C_{15}H_{18}N_4O_4$
Supplier:	NovoPro Bioscience Inc.
	Phone: +86-21-61941042
	Fax: 86-216-194-1042
Section 2-Composition / Information on Ingredients	
Substance/Preparation:	Substance
Ingredient Name	H-Trp-Gly-OH
SARA 313	No
01111010	110
Section 3- Hazards Identification	
Classification	This substance/mixture is not considered hazardous by the
	2012 OSHA Hazard Communication Standard (29 CFR
	1910.1200)
GHS Label elements, including precautio	onary statements
Signal Word	Not classified
Hazard statement(s)	None.
Precautionary Statement(s)	None.
Supplementary Hazard Information	May produce an allergic reaction
Hazards not otherwise classified	Not applicable.
(HNOC)	
For additional information on toxicity, please refer to Section 11	

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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 Exposure	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 fingers. Call a physician.
Section 5- Fire Fighting Measures	
Flash Point	Not available
Autoignition Temp	Not available
Flammability	Not available
Extinguishing Media	
Suitable	Carbon dioxide, dry chemical powder, or appropriate foam. Water spray
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.
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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       Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves         Section 7-Handling and Storage		
Leak or Spill       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         Handling       Veer Exposure         Sutable       Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.         Storage       Suitable         Sutable       Keep tightly closed         Storage at -20°C       Mechanical exhaust required         Personal Protective equipment       Mechanical exhaust required         Respiratory       Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (RU). Respiratory proved respirator, chemical-resistant gloves, safety goggles, other protective clothing.         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       Powder         Property       Molecular Weight       318.33         pH       Not available         MP/MP Range       Not available         MP/MP Range		
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       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       Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.         Storage       Keep tightly closed         Sutable       Keep tightly closed         Storage at -20°C       Mechanical exhaust required         Personal Protective equipment       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, chemical-resistant gloves, safety goggles, other protective clothing.         General Hygiene Measures       Wash thoroughly after handling         Section 9- Physical and Chemical Properties       Appearance         Appearance       Powder         Property       Molecular Weight         Molecular Weight       318.33         pH       Not available         MP/MP Range       Not available		Evacuate area
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	Water Content	Not available
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Viscosity Not available	5	
	Surface Tension	Not available
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Partition Coefficient Decomposition Temp. Flash Point Explosion Limits Flammability Autoignition Temp Refractive Index Optical Rotation Miscellaneous Data Solubility	Not available Not available Not available Not available Not available Not available Not available Not available Not available Not available
Section 10- Stability and Reactivity	
Stability Stable Hazardous Decomposition Products Hazardous Decomposition Products Hazardous Polymerization Hazardous Polymerization	Stable Nature of decomposition products not known. Will not occur
Section 11- Toxicological Information	
Route of Exposure Skin Contact Eye contact Inhalation	Avoid contact with skin. Avoid contact with eyes. May cause slight irritation. Avoid breathing vapors or mists. May cause irritation of respiratory tract.
Ingestion Conditions Aggravated by Exposure	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. The toxicological properties have not been thoroughly investigated.

This product is for experimental uses only. The product has not been completely analyzed and all of the hazards may not be known.

Section 12- Ecological Information	
No data available.	
Section 13- Disposal Considerations	
Appropriate Method of Disposal of Substance or Preparation	Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.
Section 14- Transport Information	
DOT	
Proper Shipping Name	None
Non-Hazardous for Transport	This substance is considered to be non-hazardous for transport.
IATA	
Non-Hazardous for Air Transport	Non-hazardous for air transport



Section 15- Regulatory Information	
US Classification and Label Text	
US Statements	Caution: The chemical, physical, and toxicological properties of this product have not been thoroughly investigated. Exercise due care.
United States Regulatory information	
SARA Listed	No
Canada Regulatory information	
WHMIS Classification	This product has been classified in accordance with the
	hazard criteria of the CPR, and the MSDS contains all the
	information required by the CPR.
DSL	No
NDSL	No

## Section 16- Other Information

NovoPro corporation MSDS is believed to be correct but only used as a guide for experienced personnel, NovoPro shall not be held liable for any damage resulting from the handling or from contact with the above product.