

SECTION 1 — IDENTIFICATION

Product Name	X-Tract Buffer (RG-1020-01)						
Product Use	Research and development only						
Supplier's Name	Amplyus LLC						
Street Address	1770 Massachusetts Avenue, Suite 167						
City	Cambridge	State	MA	Zip Code	02140		
Telephone Number	+1-781-990-8727		Date SDS Prepared	1/10/2016	Date SDS Revised	9/21/2020	
Chemtrec (USA)	1-800-262-8200	SDS Prepared By	Amplyus			Fax	888-317-0512

SECTION 2 — HAZARDS IDENTIFICATION

Hazard classification:	Not hazardous.
Hazard statement(s):	The product contains no substance which at their given concentration, are considered to be hazardous to health.
Precautionary statements (s):	Wash with water immediately after contact
Hazards not otherwise classified:	Not applicable.
Other:	Not applicable.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number	Other
No components need to be disclosed according to the applicable regulations			
Water	~99		

SECTION 4 — FIRST AID MEASURES

Eye Contact	Rinse opened eye immediately with plenty of water. If irritation persists, get medical attention.
Skin Contact	Wash off with soap and plenty of water.
Inhalation	If breathed in, move the person into fresh air. If not breathing, give artificial respiration, if breathing becomes difficult, consult a physician.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Possible Symptoms	Not applicable.
Immediate Care	Not applicable.
Special Treatment Needed	Treat symptomatically.

SECTION 5 — FIRE-FIGHTING MEASURES

Flammable	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions?	Not applicable.
Means of Extinction	Dry chemical CO ₂ , water spray or alcohol resistant foam.		
Hazardous Combustion Products	Not applicable.		
Protective equipment and precautions for firefighters:	Wear self-contained breathing apparatus and protective clothing prevent contact with skin and eyes.		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures	<p>Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.</p> <p>Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.</p>
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SECTION 7 — HANDLING AND STORAGE

Handling Procedures Equipment	No special handling equipment is needed. To avoid contamination use protective gloves.
Storage Requirements	Tightly cap the tube and store in the freezer at -20°C or at room temperature.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	<input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (Specify)
Specific Engineering Controls (such as ventilation, enclosed process)	Contains no substances with occupational exposure limit values. Work in well ventilated area.
Personal Protective Measures	General industrial hygiene practice. Must handle with protective gloves.
Personal Protective Equipment	Follow skin and eye protective measures.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Appearance	Odor Threshold (ppm)
Liquid	Clear	Data not available.
Odor	Solubility	Partition coefficient
None	Water	Data not available.
Specific Gravity	Vapor Density (air = 1)	Vapor Pressure (mmHg)
Data not available.	Data not available.	Data not available.
Autoignition Temp (° C)	Melting Point (° C)	Flash Point (° C)
Data not available.	Data not available.	Data not available.
Evaporation Rate	Boiling Point (° C)	Freezing Point (° C)
Data not available.	Data not available.	Data not available.
pH	Relative Density	Viscosity
~>10.0	Data not available.	Data not available.

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions? Stable under recommended temperature.
Incompatibility with Other Substances	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Water, acids, Organic materials, Chlorinated solvents, Aluminum, Phosphorus, Tin/tin oxides, Zinc.

SECTION 11 – TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	Data not available.
	Data not available.
	Data not available.
Effects of chronic exposure	Data not available.
	Data not available.
	Data not available.
	Data not available.
Sensitization	Data not available.
	Data not available.
LD50	Data not available.
Carcinogenicity, reproductive toxicity	Data not available.
Other	Data not available.

SECTION 12 — ECOLOGICAL INFORMATION

Toxicity

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment PBT/vPvB assessment

not available as chemical safety assessment not required/not conducted

Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14 — TRANSPORT INFORMATION

This substance is considered to be non-hazardous for transport

SECTION 15 — REGULATORY INFORMATION

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute health hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

New Jersey Right To Know Components

Water (CAS No. 7732-18-5).

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 — OTHER INFORMATION

This information is based on our present knowledge and shall be used only as a guide. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Amplyus LLC is not held liable for any damage resulting from handling or from contact with the above mentioned products.