

Master Mix products

Section 1: PRODUCT AND COMPANY IDENTIFICATION

A. Product identifiers

Product Name	Master Mix products in the Human Sample ID Kit with catalogue number PXL-SID-001.
Synonyms	Not applicable
Index #	Not applicable
CAS #	Not applicable

B. Details of the supplier of the safety data sheet

Company	pxlence bvba Stationsstraat 30a 9200 Dendermonde
Emergency phone	CHEMTREC Emergency Phone Number: 1-800-424-9300 <i>CHEMTREC should only be called in the event of a chemical emergency (spill, leak, fire, exposure, or accident)</i>

C. Relevant identified uses and uses advised against

For research and development use only

Section 2: HAZARD IDENTIFICATION

A. Classification of the substance or mixture

Not a hazardous substance or mixture

B. GHS label elements, including precautionary statements

THIS PRODUCT IS CONSIDERED NON-HAZARDOUS. Per OSHA 29CFR1910.1200, Commonwealth of Australia [NOHSC: 1005, 1008(1999)], and the latest amendments to the European Union Directives 67/548/EC and 1999/45/EC, this product does not require a Material Safety Data Sheet (MSDS) or Safety Data Sheet (SDS). This product does not contain more than 1% of a component classified as hazardous and does not contain more than 0.1% of a component classified as carcinogenic. Despite the classification of certain products/components as non-hazardous, we strongly recommend using prudent laboratory practices: avoiding unnecessary contact and use of personal protective equipment, which may include gloves, eye protection, and lab coats, during the use of any laboratory reagent. pxlence shall not be held liable for any damages resulting from handling or from contact with the above product.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

A. Classification of the substance or mixture

Not a hazardous substance or mixture. This product does not contain more than 1% of a component classified as hazardous and does not contain more than 0.1% of a component classified as carcinogenic.

Section 4: FIRST-AID MEASURES

Skin contact:	Remove contaminated clothing. Rinse with plenty of water and wash with soap or mild detergent and water. Observe signs of irritation. If irritation is present, get medical attention.
Eye contact:	Rinse immediately with plenty of water for at least 15 minutes. Observe signs of irritation. If irritation is present, get medical attention.
Ingestion:	If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.
Inhalation:	Remove immediately from exposure area to fresh air. Get medical attention immediately.
Injection:	If accidentally injected, get medical attention immediately.

Section 5: FIRE FIGHTING MEASURES

A. Fire and explosion hazard

Non-flammable

B. Fire extinguishing media:

Not applicable.

Section 6: ACCIDENTAL RELEASE MEASURES

A. Personal precautions:

Wear appropriate personal protective equipment such as gloves, goggles and lab coat. Avoid contact with eyes, skin and clothing.

B. Occupational spill:

Absorb spill with inert absorbent material and dispose in appropriate chemical waste container. Contaminated clothing should be cleaned before reuse.

C. Reportable quantities:

Not applicable.

Section 7: HANDLING AND STORAGE

A. Handling precautions:

Do not inhale dust and avoid prolonged exposures. Wear appropriate personal protective equipment such as gloves, goggles and lab coat. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

B. Safe storage conditions:

Keep tightly closed in a properly labelled containers. Store in a cool and dry place (prolonged storage at -20 °C).

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

A. Exposure controls:

Does not contain any hazardous materials with established occupational exposure limits. Use prudent laboratory practices for handling chemical substances of unknown toxicity.

B. Personal protective equipment:

Eye protection:	Safety goggles
Hand protection:	Impermeable gloves
Respiratory protection:	Use in a laboratory hood or other ventilated device.
Skin and body protection:	Protective clothing with long sleeves
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odor:	No data available
pH:	8-9
Melting point/freezing point:	No data available
Initial boiling point & boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Partition coefficient:	No data available
Vapor pressure:	No data available

Vapor density:	No data available
Relative density (water):	No data available
Solubility:	No data available
Upper/lower flammability or explosive limits:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Section 10: STABILITY AND REACTIVITY

Reactivity:	Avoid strong oxidizing agents, strong acids, strong bases, water incompatible materials.
Chemical stability:	Stable under recommended conditions.
Possibility of hazardous reactions:	No hazardous reactions should occur under recommended use and storage conditions.
Conditions to avoid:	Avoid contact with electrical sources.
Incompatible materials:	Strong oxidizing agents, strong acids, strong bases, water incompatible materials.

Section 11: TOXICOLOGICAL INFORMATION

A. Available toxicological information

Toxicity:	The toxicological properties of this material have not been investigated. For research and development purposes only.	
Irritation/corrosion:	No information available	
Carcinogenicity:		
	IARC	No ingredient present in levels greater or equal to 0.1% is listed
	ACGIH	No ingredient present in levels greater or equal to 0.1% is listed
	NTP	No ingredient present in levels greater or equal to 0.1% is listed
	OSHA	No ingredient present in levels greater or equal to 0.1% is listed
Mutagenicity:	No information available	
Sensitization:	No information available	
Reproductive toxicity:	No information available	
Teratogenicity:	No information available	
Specific target organ toxicity- single exposure	No information available	
Specific target organ toxicity- repeated exposure	No information available	

B. Potential health effects:

Skin contact:	May be harmful if absorbed through skin –May cause corrosion.	
Eye contact:	May cause eye irritation	
Ingestion:	Short-term exposure	May be harmful if swallowed
	Long-term exposure	No information available
Inhalation:	Short-term exposure	May be irritating if inhaled
	Long-term exposure	May be harmful if inhalation
Injection:	Short-term exposure	No information available
	Long-term exposure	No information available

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	No information available
Aquatic toxicity:	No information available
Persistence and Degradability:	No information available
Bioaccumulative potential:	No information available

Section 13: DISPOSAL CONSIDERATIONS

Product waste: Dispose of content and/or container in accordance with local, regional, national and international regulations.

Packaging waste: Dispose in accordance with local, regional, national and international regulations.

Section 14: TRANSPORT INFORMATION

	UN Number	UN proper shipping name	Transport hazard class(es)	Packaging group	Environmental Hazards
DOT	Not regulated	No information available	No information available	No information available	None
IMDG	Not regulated	No information available	No information available	No information available	None
IATA	Not regulated	No information available	No information available	No information available	None

IATA: Classified as non-hazardous in the meaning of transport regulations

DOT: The acute toxicity profile does not warrant shipment as a hazardous material

Hazard class	None
Subsidiary class	None
Packaging group	None
UN-No	None
Marine Pollutant	None

Section 15: REGULATORY INFORMATION

The toxicological properties of this material have not been investigated. For research and development purposes only.

Section 16: OTHER INFORMATION

A. Disclaimer/Statement of Liability:

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculation are based on information furnished by the manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in section 1.

B. Warranty

The above information is believed to be correct but does not implicate to be all inclusive and shall be used only as a guide. pxlence bvba not be held liable for any damage resulting from handling or from contact with the above product.

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material. The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since pxlence cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.