



## Material Safety Data Sheet A-Amylase

### SECTION 1.1 – PRODUCT IDENTIFICATION

ProductName	: A-Amylase
Molecular Formula	: No data available
Molecular Weight	: No data available
CAS No.	: Mixture

### SECTION: 1.2 – COMPANY IDENTIFICATION

**Company Name:** Indenta Chemicals (India) Pvt. Ltd.

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### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Potassium thiocyanate	333-20-0	4.4
Sodium azide	26628-22-8	< 0.1
Calcium chloride dihydrate	10035-04-8	< 1.8

**Toxicological Data on Ingredients:** Not available.

### SECTION 3: HAZARD IDENTIFICATION

The kit **Alpha amylase** is not classified as dangerous according to EU Directives 1999/45/EC as amended

**Label elements**

None

### SECTION 4: FIRST AID MEASURES

#### Description of first aid measures

When working with the mixture, take care of personal hygiene and prevent contamination of work clothing and skin. If you have any doubts or when symptoms persist, seek medical attention.

#### Exposure by inhalation

Discontinue the exposure, remove casualty to fresh air, keep at rest and seek medical advice.

#### Exposure by contact with skin

Take off all contaminated clothing. After contact with skin, wash immediately with soap and water.

**Exposure by contact with eyes**

Rinse an open eye (hold eyelids with fingers) with plenty of water for about 15 minutes, transfer casualty to a specialist.

**Exposure by ingestion**

Rinse mouth with water, drink 1/2 l of lukewarm water, seek medical attention immediately, do not induce vomiting.

**Most important symptoms and effects, both acute and delayed**

None

**Indication of any immediate medical attention and special treatment needed**

No data available

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**SECTION 5: FIRE AND EXPLOSION DATA**

**Extinguishing media**

**Suitable extinguishing media**The mixture is not flammable, the measure should be adapted to burning substances in the surrounding area.

**Unsuitable extinguishing media**

None known.

**Special hazards arising from the substance or mixture**

None

**Advice for firefighters**

Protective clothing, breathing apparatus.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment, see item 8. Observe the principles of work safety in chemical laboratories. Do not eat, drink or smoke.

**Environmental precautions**

Do not discharge into the drains, surface waters, groundwater.

**Methods and material for containment and cleaning up**

Absorb spilled agent with a suitable inert material (sand, earth, vaper) and store contaminated material in Containers for collection of hazardous waste. For waste disposal see item 13.Sweep solid reagent and store in containers for collection of hazardous waste. For waste disposal see item13.

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**SECTION7: HANDLING AND STORAGE**

**Precautions for safe handling** Observe the principles of work in laboratory. Observe the normal operating procedures for handling chemical substances and mixtures. Do not eat, drink or smoke. Use personal protective equipment, see item 8.

**Conditions for safe storage, including any incompatibilities**

Store in tightly closed containers at a temperature between +2°C and +8°C.

**Specific end use**

The kit is designed for in vitro diagnostic devices.

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**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

**Limit values for indicators of biological exposure tests in urine** for the product according to Decree No. 432/2003 Coll.

No data Available

**Exposure controls:**

**Appropriate engineering controls:**

None

**Personal protective equipment:**

**Respiratory protection:** Not required with adequate ventilation, otherwise breathing apparatus.

**Hand protection:** Protective gloves - rubber, resistant to caustic substances.

**Eye protection:** Safety goggles.

**Skin protection:** Protective clothing:

**Environmental exposure controls:**

To eliminate the emergency conditions, have pre-prepared a decontamination mixture and appropriate collection vessels for reaction residues. Dispose of reaction residues and decontaminated mixtures as hazardous waste water in accordance with relevant legal regulations.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** Clear colorless liquid

**Odour:**No data available

**Odour Threshold:**No data available

**pH (20°C):**6

**Melting point / freezing point:** No data available

**Initial boiling point and boiling range (°C):**No data available

**Flash point (°C):**No data available

**Evaporation rate:**No data available

**Flammability (solid, gas):**No data available

**Upper/lower flammability or explosive limits:**No data available

**Vapour pressure (hPa):**No data available

**Vapour density:**No data available

**Relative density (kg.m<sup>-3</sup>):**No data available

**Water solubility:**No data available

**Partition coefficient:** n- octanol/water: No data available

**Autoignition temperature (°C):**No data available

**Decomposition temperature (°C):** No data available

**Viscosity:**No data available

**Explosive properties:**No data available

**Oxidizing properties :**No data available

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## SECTION 10: STABILITY AND REACTIVITY

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Under normal conditions of use and storage the mixture is stable.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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No data available

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## SECTION 12: ECOLOGICAL INFORMATION

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No data available

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## SECTION 13: DISPOSAL CONSIDERATION

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### Waste treatment methods

Dispose of in compliance with applicable regulations for hazardous waste management. Incinerate

residues of the mixture in a hazardous waste incinerator.

Contaminated packaging must be treated as hazardous waste. Dispose of by incinerating in a hazardous waste incinerator.

#### **SECTION 14: TRANSPORT INFORMATION**

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**Not governed by regulations for transport of dangerous goods (ADR).**

UN number

ADR/RID:

IMDG:

IATA:

**UN proper shipping name**

ADR/RID:

IMDG:

IATA:

**Transport hazard classes ADR/RID:**

IMDG:

IATA:

**Packaging group**

ADR/RID:

IMDG:

IATA:

**Environmental hazards**

ADR/RID:

IMDG:

IATA:

**Special precautions for user**

No data available

#### **SECTION 15: OTHER REGULATORY INFORMATION**

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**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.**

Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

**Chemical Safety**

No data available

#### **SECTION 16: ADDITIONAL INFORMATION**

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