

## Section 1: Identification of the substance/mixture and of the company

### 1.1 Product Identifier

Product name: SwiftX Swabs – Component C  
Product code: SXS-50 (Component C)

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of substance: Component C is intended to be used as part of kits for extraction of nucleic acids from biological sample materials.

### 1.3 Details of the supplier of the safety data sheet

Company name: Xpedite Diagnostics GmbH  
An der Halde 15  
86807 Buchloe  
Germany  
Phone: +49 (0)8214 8019634  
Email: [info@xpedite-dx.com](mailto:info@xpedite-dx.com)

### 1.4 Emergency phone number

Emergency line: +49 (0)696 43508409 (CHEMTREC worldwide)

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification under CLP: Resp. Sens. 1A: H334  
Most important adverse effects: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### 2.2 Label elements

Hazard statements: H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Hazard pictograms: GHS08: Health hazard



Signal words: Danger  
Precautionary statements: P261: Avoid breathing dust.  
P285: In case of inadequate ventilation wear respiratory protection.  
P304+P341: IF INHALED: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor.  
P501: Dispose of contents/container to all local, regional, national and international regulations.

## 2.3 Other hazards

PBT: This product is not identified as a PBT (persistent, bioaccumulating, toxic) substance or vPvB (very persistent, very bioaccumulating) substance.

## Section 3: Composition / information on ingredients

### 3.1 Mixtures

#### Hazardous ingredients:

NON-PROTEASE ENZYME

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	-	-	Resp. Sens. 1A: H334	10-30%

Contains: EINECS 232-734-4

## Section 4: First aid measures

### 4.1 Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.  
**Eye contact:** Bath the eye with running water for 15 minutes.  
**Ingestion:** Wash out mouth with water. Consult a doctor.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

### 4.2 Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be mild irritation at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be irritation of the throat. There may be shortness of breath due to congestion of the lungs.  
**Inhalation:** Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath.  
**Delayed effects:** Delayed effects can be expected after long-term exposure.

### 4.3 Indication of any immediate medical attention and special treatment needed

Not applicable.

## Section 5: Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 5.2 Special hazards arising from the substance or mixture

In combustion emits toxic fumes.

### 5.3 Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

If outside do not approach from downwind. Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

### 6.2 Environmental precautions

Do not discharge into drains or rivers. Alert the neighbourhood to the presence of fumes or gas.

### 6.3 Methods and material for containment and cleaning up

Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4 Reference to other sections

Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

**Handling requirements:** Ensure there is exhaust ventilation of the area. Avoid the formation or spread of dust in the air.

### 7.2 Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool area. Keep container tightly closed.

**Suitable packaging:** It is recommended that the product is stored in the original packaging.

### 7.3 Specific end use

Refer to section 1.2 of SDS.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

**Workplace exposure limits:** No data available.

**DNEL:** No data available for derived no-effect level.

**PNEC:** No data available for predicted no-effect concentration.

### 8.2 Exposure controls

**Engineering measures:** Ensure there is exhaust ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be used in handling. Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.  
**Eye protection:** Safety glasses. Ensure eye bath is to hand.  
**Skin protection:** Protective clothing.

### Section 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

**State:** Powder  
**Odor:** Characteristic odor

#### 9.2 Other information

Not available.

### Section 10: Stability and reactivity

#### 10.1 Reactivity

Stable under recommended transport or storage conditions.

#### 10.2 Chemical stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4 Conditions to avoid

Heat.

#### 10.5 Incompatible materials

Avoid strong oxidizing agents and strong acids.

#### 10.6 Hazardous decomposition products

In combustion emits toxic fumes.

### Section 11: Toxicological information

#### 11.1 Information on toxicological effects

**Relevant hazards for product:**

NON-PROTEASE ENZYME

Hazard	Route	Basis
Respiratory / skin sensitisation	-	Hazardous: calculated

### 11.2 Symptoms / routes of exposure

<b>Skin contact:</b>	There may be mild irritation at the site of contact.
<b>Eye contact:</b>	There may be irritation and redness.
<b>Ingestion:</b>	There may be irritation of the throat. There may be shortness of breath due to congestion of the lungs.
<b>Inhalation:</b>	Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath.
<b>Delayed / immediate effects:</b>	Delayed effects can be expected after long-term exposure.

## Section 12: Ecological information

### 12.1 Toxicity

No data on ecotoxicity values available.

### 12.2 Persistence and degradability

Biodegradable.

### 12.3 Bioaccumulative potential

No bioaccumulation potential.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

Refer to section 2.3.

### 12.6 Other adverse effects

Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

<b>Disposal operations:</b>	Transfer to a suitable container and arrange for collection by specialised disposal company.
<b>Please note:</b>	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1 UN number

Not regulated.

### 14.2 UN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

## 14.3 Transport hazard class(es)

Not applicable.

## 14.4 Packing group

Not applicable.

## 14.5 Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

## 14.6 Special precautions for user

No special precautions.

## Section 15: Regulatory information

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

Not applicable.

### 15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

**Phrases used in Section 2 and 3:** H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Legal disclaimer:** The above information is made to the best of our knowledge. It might still not be all inclusive and shall be considered as a guide only. Xpedito Diagnostics shall not be held liable for any damage resulting from handling or from contact with the above product.