

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

1.1 Product Identifier

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

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

Use of substance: Component P 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

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: Respiratory Sensitization 1A: H334
Eye Irritation 2: H319
Specific Target Organ Toxicity Single Exposure (STOT SE) 3: H335
Skin Irritation 2: H315
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.
H315: Causes skin irritation
H319: Causes serious eye irritation
H335: May cause respiratory irritation

Hazard pictograms: GHS08, GHS07



Signal words: Danger

Precautionary statements: P261: Avoid breathing dust.
P264+P352: Wash respective body parts with plenty of water after accidental contact
P280: Wear protective gloves, eye and face protection.
P284: 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.

P302: Harmful if swallowed or in contact with skin or if inhaled.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice/attention.

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:

PAPAIN

EINECS	CAS	PBT / WEL	CLP Classification	Percent
232-627-2	9001-73-4	-	Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334	1-10%

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

Hazardous ingredients:

PAPAIN

ORL	MUS	LD50 = 12500 mg/kg
ORL	RAT	LD50 = >4000 mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Respiratory / skin sensitisation	INH	Hazardous: calculated

11.2 Symptoms / routes of exposure

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 / immediate effects:	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

Disposal operations:	Transfer to a suitable container and arrange for collection by specialised disposal company.
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Please note: 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: H315: Causes skin irritation.
H319: Causes serious eye irritation.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.

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. Xpedite Diagnostics shall not be held liable for any damage resulting from handling or from contact with the above product.