

## Safety Data Sheet (SDS)

### 1. Identification: Product and Company Identity

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Catalogue Number	Product Name
12160102	Parasitology

Recommended use: Quality Assurance/Proficiency Testing programs. Not to be used in the treatment and diagnosis of patients.

### 2. Hazard Identification

**Chemical hazard:** Chemicals used in the preparation of this material are considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Environmental hazard:** Not applicable

**Health hazard:** **Exempt human specimens**

No known test method can offer complete assurance that products derived from inactivated microorganisms and/or human sources will not transmit infection. All proficiency testing materials supplied by RCPAQAP must be handled appropriately and with care. The participant is responsible for the safe handling, storage and disposal of RCPAQAP proficiency testing materials in such a way that ensures that the proficiency testing materials will not cause any harm to any person.

The participant understands and acknowledges that, given the nature and characteristics of RCPAQAP proficiency testing materials;

- laboratory staff should be trained in the handling of infectious materials.
- proficiency testing materials should be processed in a laboratory environment as identified by the relevant legislative requirements.
- they are aware of all matters that concern the safe handling, storage and disposal of proficiency testing materials.
- they have the facilities and processes required for the safe handling, storage and disposal of proficiency testing materials.
- that they follow Standard Safety Precautions when handling potentially infectious materials.
- they utilise Personal Protective Equipment (PPE) as identified by the relevant legislative requirements for the routine handling of potentially infectious materials.

### 3. Composition and Information on Ingredients

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Products contains the below components:

CAS#	Component	Percentage	Total Volume
Not Applicable	Human fluids and tissue	20%	0.20 ml
<b>SAF Fixative* (indicative content only)</b>			
127-09-3	Sodium Acetate	1%	0.01 ml
50-00-0	Formalin	3%	0.03 ml
64-19-7	Acetic Acid	2%	0.02 ml
7732-18-5	Demineralized Water	74%	0.74 ml

\*SAF fixative - SAF (sodium acetate-acetic acid-formalin) Fixative is a liquid medium recommended for use in qualitative procedures for the transportation and preservation of intestinal parasites in stool specimens. Concentration and permanent stained smear procedures can be performed from SAF.

### 4. First-aid Measures

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Caution: SAF Fixative contains formaldehyde.

Toxic by inhalation and if swallowed. Irritating to the eyes, respiratory system, and skin. May cause sensitisation by inhalation or by skin contact.

If accidental contact with material occurs laboratory staff should follow appropriate first aid procedures for exposure to an equivalent clinical specimen. Following exposure, medical advice should be sought. If accidental spillage occurs, follow routine procedures for clean-up of potentially biohazardous materials.

### 5. Firefighting Measures

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Not applicable, not flammable at volume supplied.

### 6. Accidental Release Measures

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Avoid contact with skin, eyes or clothing. Personal protective equipment such as gloves, gown and protective eyewear should be used before cleaning any spills. Dispose any sharps in a safe disposal system. Clean the area with absorbent paper and clean excess with suitable disinfectant (such as bleach or 70% alcohol).

### 7. Handling and Storage

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On arrival, samples should be stored as per instructions on each sample kit. Samples have been shown to be stable when transported at ambient temperature.

Samples should be re-constituted or prepared according to Survey Instructions provided.

### 8. Exposure Controls and Personal Protection

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Samples are generally intended for processing in a clinical laboratory facility and should be handled in the same manner as routine patient samples using universal precautions and appropriate personal protective equipment. Biosafety Level 2 precautions at a minimum should be used in laboratory settings.

## 9. Physical and Chemical Properties

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Smears of fixed faecal samples on glass slides: odourless

Fixed faecal suspensions: light to dark brown solution and mild to odourless, pH neutral

## 10. Stability and Reactivity

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This material is stable under normal temperatures and pressures, is non-corrosive, and polymerization will not occur.

Conditions to avoid: Avoid excess heat.

## 11. Toxicological Information

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Tested and found non-reactive for the presence of Hepatitis B surface antigen (HbsAg), antibodies to Hepatitis C virus (anti-HCV), and antibodies to Human Immunodeficiency Virus (anti-HIV-1/HIV-2).

## 12. Ecological Information

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Same biodegradability as human blood, urine and other bodily fluids.

## 13. Disposal Information

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Dispose as clinical waste in suitably identified containers using a registered clinical waste disposal contractor (same as for patient samples).

## 14. Transport Information

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Proper Shipping Name: Exempt Human Specimens

UN Number: Not Applicable

Hazard Class/Packing Group: Category C

Labels Required: Exempt human specimens

IATA Packaging Requirements: Sample is not subject to the IATA Dangerous Goods Regulations as long as the specimen is transported in triple packaging that prevents leakage

## 15. Regulatory Information

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Not Applicable.

## 16. Other Information

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Reviewed annually as part of the RCPAQAP compliance with ISO/IEC 17043.

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