

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** Total RNA - Human Adult Normal Tissue: Heart: Ventricle (left)**CODE:** R1234138-50**SUPPLIER:** AMS Biotechnology (Europe) Limited**ADDRESS:** 184 Park Drive, Milton Park, Abingdon  
Oxfordshire. OX14 4JG. UK**COMPANY PHONE:** +44 (0) 1235 828 200**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS****INGREDIENT:** Total RNA of human origin**HAZARDOUS INGREDIENTS:** None**SECTION 3: HAZARDS IDENTIFICATION****HANDLING:** Use good laboratory practices (Universal Precautions). Handle material as potentially infectious using Biosafety Level 2 procedures.**SECTION 4: FIRST AID MEASURES****EYES:** Flush with water or eyewash saline for at least 15 minutes. Consult a physician.**SKIN:** Wash affected area with anti-microbial soap and water, and rinse with water. Remove any contaminated clothing.**INGESTION:** Consult a physician**SECTION 5: FIRE-FIGHTING MEASURES****No Fire Fighting Measures required.****SECTION 6: ACCIDENTAL RELEASE MEASURES****ACCIDENTAL RELEASE MEASURES:** Use proper Personal Protective Equipment, cover spill with absorbent material, and decontaminate area thoroughly with suitable disinfectant (10% chlorine bleach or 70% ethyl or isopropyl alcohol).**SECTION 7: HANDLING AND STORAGE****HANDLING:** Handle as potential biohazard material under at least Biosafety Level 2 containment. Use Good Laboratory Practices for potentially infectious material and wash hands after working with the material.**STORAGE:** Store at <-20°C (frozen material) or at ambient (paraffin embedded)**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****EYE PROTECTION:** Safety Glasses**SKIN PROTECTION:** Latex or Vinyl Gloves**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Laboratory Coat

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Clear liquid (buffer) provided in standard cryovials.  
**ODOR:** No detectable odor  
**PHYSICAL STATE:** Liquid (Frozen)

**SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable at < -80°C (frozen)  
**REACTIVITY:** No reactivity data available **SECTION 11:**

**TOXICOLOGICAL INFORMATION TOXICOLOGICAL**

**INFORMATION:** Potential biohazardous material **SECTION 12:**

**ECOLOGICAL INFORMATION**

**No harmful effects have been documented.**

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Observe all local environmental regulations when disposing of potentially hazardous biological products

**SECTION 14: TRANSPORT INFORMATION**

**CDG UK:** Non-hazardous for road freight  
**IMDG:** Non-hazardous for sea freight  
**IATA:** Non-hazardous for air freight

**SECTION 15: REGULATORY INFORMATION**

**No Regulatory Information**

**SECTION 16: OTHER INFORMATION**

**None**