
	Identification Number	SEV – 0003		
	Title	General PCR Consumables MSDS		
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Material Safety Data Sheet
(MSDS)


General PCR Consumables

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Material Safety Data Sheet

1. Identification of the Substance and the manufacture

Trade name:	PCR Consumables
Product name:	PCR Plates, Tubes and Caps
Product description:	1-piece plastic injection moulded consumables. Featuring Thin-wall design and clean room manufacture.
Product Codes:	4ti-0740, 4ti-0741, 4ti-0750, 4ti-0750/W, 4ti-0751, 4ti-0752, 4ti-0760, 4ti-0761, 4ti-780, 4ti-0781, 4ti-0782, 4ti-0783, 4ti-0784, 4ti-0790 & 4ti-0795, 4ti-0753, 4ti-0110, 4ti-0116, 4ti-0117, 4ti-0120, 4ti-0126, 4ti-0130, 4ti-0136, 4ti-0140, 4ti-0955, 4ti-0750/TA, 4ti-0125, 4ti-1384, 4ti-0735, SP-0392, SP-0396
Recommended Use:	PCR and QPCR experiments
Product Material:	Polypropylene (virgin) (Medical Grade)
Company:	4titude Ltd The Surrey Hills Business Park Damphurst Lane, Wotton Surrey, RH5 6QT UK
Telephone:	++44 (0) 1306 884 885

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2. Hazards Identification

Skin Contact:	Unlikely to cause irritation
Eye Contact:	Unlikely to cause irritation
Inhalation	Unlikely due to physical form
Ingestion	Unlikely due to physical form
Other Warnings	None

3. Physical and Chemical Properties (Polypropylene)

Physical State:	Solid
Colour:	Clear, White & Black
Melting Point:	160°C
Auto-ignition temperature	400°C approx.
Water Solubility	Insoluble
Specific Gravity	0.90
Odour:	No Odour


4. Fire Hazards

Suitable Extinguishers:	Water, Foam
Unsuitable extinguishers:	CO ₂ , Dry Chemicals
Hazardous Bi-products	Hazardous gases (CO ₂ & CO), Thick black smoke, hydrocarbons fragments harmful to respiratory system
Special protective equipment for fire-fighters	Self-contained breathing apparatus

5. Storage

Store in a cool dry location.

Avoid direct sun-light

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6. Stability And Reactivity

Stability:	Stable
Hazardous Decomposition Products:	CO ₂ & Carbon Monoxide (CO)
Hazardous Polymerization:	Will Not Occur

7. First AID Measures

Inhalation:	Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. If symptoms persist, call a physician.
Skin contact:	Cool skin rapidly with cold water
Eye Contact:	Flush with water for 15 minutes, if irritation persists seek medical attention