

SAFETY DATA SHEET

**Section 1: chemical name and company details**

**ASK calibration solution**

**Product code ASK**

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**Section 2: composition and information on ingredients**

Aqueous solution of 7-amino-4-methyl coumarin, Dimethyl Sulfoxide (DMSO) and phosphate buffer supplied in 5ml volumes in borosilicate screw top tubes.

**Section 3: hazards identification**

This product contains 7-amino-4-methyl coumarin which is an irritant in its powder form

**Section 4 First Aid Measures**

**Eyes** Not applicable under normal conditions of use, wash with copious amounts of water and see a physician if symptoms persist.

**Skin** Not applicable under normal conditions of use, wash with soap/water, consult a doctor if irritation develops.

**Ingestion** Not applicable under normal conditions of use but seek medical attention if abdominal distress occurs .

**Inhalation** Not applicable under normal conditions of use but seek medical attention if respiratory distress occurs.

SAFETY DATA SHEET

**Section 5: fire fighting measures**

No special precautions are required in the event of fire use a Fire Extinguisher appropriate to local fire conditions.

**Section 6: accidental release measures**

In general the affected area should be treated as any other hazardous liquid spill.

**Section 7: handling and storage**

Store refrigerated at 15 -25°C in the original packaging.

**Section 8: exposure controls, personal protection**

The usual precautions of a laboratory coat, safety glasses and appropriate gloves would be recommended on use in a laboratory environment

SAFETY DATA SHEET

**Section 9: physical and chemical properties**

Clear liquid

**Section 10: stability and reactivity**

Stable under normal conditions of use and storage, avoid high temperatures and UV light as this may degrade constituent components. Freezing should also be avoided as this could lead to precipitation of the product components.

**Section 11 Toxicological Information**

The phosphate buffer component parts are of a low order of toxicity in their pure powder forms. The 7-amino-4-methyl coumarin is an irritant, at the levels of both components and in aqueous solution neither poses a hazard. The DMSO is not classified as hazardous but chronic exposure is cited as a reproductive hazard, carcinogen, mutagen, teratogen risk. Chronic exposure to DMSO will not occur with this product

**Section 12 Ecological Information**

No components of this solution are classified as hazardous to the environment

SAFETY DATA SHEET

**Section 13 Disposal Considerations**

Dispose of as hazardous waste according to local/federal waste disposal regulations.

**Section 14 Transport Information**

This is a non hazardous material according to EU shipping regulations

**Section 15 Regulatory Information**

<b>Symbol</b>	none
<b>Risk phrases</b>	none
<b>Safety Phrases</b>	none
<b>EC classification</b>	not classified

**Section 16 Other Information**

The above information is believed to be correct but does not purport to be all inclusive and should only be used as a guide. TREK shall not be held responsible for any damage resulting from handling or contact with the above material

Version: V1.4 CID6367