

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.

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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

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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

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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

Symbol	none
Risk phrases	none
Safety Phrases	none
EC classification	not classified

Section 16 Other Information

- 1) 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
- 2) This MSDS complies with REACH (2007) and CHIP (1993).

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