1) Identification of substance/preparation and of the company undertaking

Material   Gum Arabic
Synonym   Gum Acacia
CAS No   9000-01-5
Company   Inoxia Ltd
             45.7 Dunsfold Park
             Stovolds Hill
             Cranleigh
             Surrey
             GU6 8TB
             Tel: 02032 909990
             safety@inoxia.co.uk
             www.inoxia.co.uk

2) Composition

Gum Arabic is a complex polyscchardie that is neutral or weakly acid and contains nitrogenous material (amino acids)

3) Hazard Identification (See Section 15)

Risk Phrase   None
Safety Phrase None
Other   None

4) First Aid Measures

Note to doctor   No specific antidote, supportive care only
Inhalation   Remove to clean atmosphere
Skin   Wash or wipe clean with an excess of water
Eye   Wash with eyewash solution or water for at least 15 minutes
Ingestion   Non-toxic

5) Fire Fighting

Extinguish with   Any system
Combustion Products   CO, CO_2, H_2O and ash
Protective equipment   No special requirement

6) Accidental Release

Normal disposal of remaining material (see paragraph 13)

7) Handling/Storage

Handling   No special requirement; consider local extraction if dust is present; slippery when wet
Storage   Dry cool ambient

Ventilation   Not required

8)   Exposure Controls   None
     Personal Protection   Respiratory   Mask for powder handling (to EN 149)
                                Protective clothing   No special requirement

9)   Physical/Chemical Properties

     Appearance   Clear to reddish-brown lumps or white powder
     Odour   None
     Melting Range   Not applicable
     pH (aqueous)   c. 2.5 @ 1% concentration (as organic acidity)
                        c. 5.0 @ 33% concentration (as organic acidity)
     Flash Point   Not defined
     Flammability   Low; carbonises with small flame
     SG @ 20ºC   1.35 - 1.5
     Solubility in Water   Complete with evenyual gel formation

10)   Stability/Reactivity
     Stability   Stable under normal conditions
     Reactivity: Temp   Decomposes above 300ºC
              Pressure   None
              Shock   None
     Danger of dust/air
     mixture explosion   Not defined
     Materials to avoid   None known
     Auto-degradation to
     unstable products   None under normal storage conditions

11)   Toxicological Info
     No known short or long-term effects

12)   Ecological Information
     Inert natural material, no known deleterious effects

13)   Disposal Consideration
     Material and packing may be disposed of as per local and national regulations. It is not listed
     as hazardous waste

14)   Transport Information
     Not classified as hazardous for transport

15)   Regulatory Information
     Not classified under current CHIP regulations. Dust from this material is classified as a
     nuisance dust with an OEL of 10 mg/m3

16) **Other Information**

This information is for health and safety guidance only, is not a material specification, and does not constitute the user's own assessment of suitability, and workplace risk as required by any other Health and Safety legislation. It is accurate to the best of our knowledge and belief, but since the conditions of handling and use are outside our control we make no guarantee of results, and assume no liability for damages incurred by use of this material.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.
DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.