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SECTION 1: IDENTIFICATION

Effective Date: February 1993

Product Name: Sodium Stearate

Composition / Information on Ingredients:

Sodium salt of stearic acid

Hazards Identification:

This product is not classes as a fire hazard, but as with most organic substances will support combustion in the event of fire.

SECTION 2: FIRST AID MEASURES

Skin: Normal hygiene. Wash with soapy water.

Eye: Irrigate with large quantities of water.

Ingestion: If anyone has symptoms apparently due to ingestion seek medical attention and hand over this document.

Inhalation: Remove from exposure. If symptoms are apparently due to inhalation, seek medical attention and hand over this document.

SECTION 3: FIREFIGHTING MEASURES

Use sand, earth, CO₂, waterspray, foam or dry chemical.

SECTION 4: ACCIDENTAL RELEASE MEASURES

Clean up spillage, by either vacuuming or sweeping action ensuring that excessive dusting does not occur.

SECTION 5: HANDELING AND STORAGE

Stable under normal conditions of storage and transport. In order to minimise the possibility of dust explosions and inhalation problems, keep dusting to a minimum and avoid any large buildup of dust.

SECTION 6: PHYSICAL AND TECHNICAL SAFETY DATA

Apparancec: Cream / white granules; faint fatty odour

Boiling / melting / freezing points: Melting Point >200°C

Relative Density / Bulk Density: R.D. 1.08

Vapour Pressure: N/A

Viscosity: N/A

pH: 11.3 (1% w/w aqueous solution)

Ignition Temperature: Not determined

Explosion Limits: Not determined

SECTION 7: STABILITY AND REACTIVITY

Thermal Decomposition: Decomposes at elevated temperatures.

Hazardous Decomposition Products: Combustion can produce oxides of carbon and compounds of the contained metal(s).

Hazardous Reactions: Avoid strong oxidising agents, as for any organic chemical.

SECTION 8: TOXICOLOGICAL INFORMATION

Effects of Overexposure:

Inhalation: Excessive concentrations of dust in the air will cause irritation of the respiratory system.

Eye Contact: May cause irritation.

Skin Contact: Not known

Ingestion: None known. Product is of low toxicity.

SECTION 9: ECOLOGICAL INFORMATION

No significant effects likely.

SECTION 10: DISPOSAL CONSIDERATIONS

Via a reputable chemical disposal company complying with current legal requirements.

SECTION 11: TRANSPORT INFORMATION

UN Number: N/A

ICAO - Air: Not classified as dangerous under these regulations.

IMO - Sea: Not classified as dangerous under these regulations.

ADR - Road: Not classified as dangerous under these regulations.

Proper Shipping Name: N/A

Additional data: This product is not classified as dangerous for transport purposes.

SECTION 12: REGULATORY INFORMATION

Labelling: No special precautions are required for this product.

Worker Exposure Limits:

The UK HSE Guidance EH40, recommends adequate control of exposure to dusts and where there is no indication of the need for a lower value, personal exposure should be kept below:-

8h TWA 10mg/m³ total inhalable dust.

8h TWA 5mg/m³ respirable dust.

NOTE:

The purpose of the above information is to describe the products only in terms of health and safety requirements. The information given, should not therefore be construed as guaranteeing specific properties or as a specification. Customers should satisfy themselves as to the stability and completeness of such information for their own particular use.
