

SAFETY DATA SHEET

Manutex® RS210

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: **MANUTEX RS 210 (Code 2005)**

CHEMICAL NAME 2: CAS Registry Name: Alginate Acid, Sodium Salt; Sulfuric Acid Disodium Salt

PART No.: M030

APPLICATIONS: Not for food use (UK).

SUPPLIER: **Please note: This is the MSDS provided by the supplier of these goods to FIBRECRAFTS. FIBRECRAFTS does not have the qualifications necessary to gather such specialised data.**

Tel: 01483 565800

MANUFACTURER: International Specially Products (ISP) Europe HQ
Waterfield
Tadworth
Surrey

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.: SODIUM SULPHATE 7757-82-6		- Not classified.	30-60 %
Sodium alginate 9005-38-3		- Not classified.	30-60 %

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

4. FIRST AID MEASURES

GENERAL: The presence of water and this product together on any surface, will result in that surface becoming extremely slippery. In common with most organic substances, this product should be treated as a combustible dust when in the finely-divided and air-suspended state. Local nuisance dust OES applies.

INHALATION:	Fresh air and rest if respiratory problems, artificial respiration/oxygen. Get medical attention.
INGESTION:	DO NOT INDUCE VOMITING! Provided patient is conscious, give 1 or 2 glasses of water to dilute the chemical. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Get medical attention if any discomfort continues.
SKIN:	Wash skin with soap and water.
EYES:	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Alcohol resistant foam. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO ₂). Water.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Dust may form explosive mixture with air.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon monoxide (CO). Carbon dioxide (CO ₂).
PROTECTIVE MEASURES IN FIRE:	Fire fighters should wear full protective clothing, including self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION IN SPILL:	Use appropriate protective equipment. Note spillages will become slippery if exposed to water.
SPILL CLEANUP METHODS:	Sweep/shovel up. Minimise dust generation and accumulation. Water wash down not recommended.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS:	Minimize dust generation and accumulation. Wash thoroughly with soap and water after handling.
STORAGE PRECAUTIONS:	Keep in cool, dry, ventilated storage and closed containers. Keep out of direct sunlight. Hygroscopic. Keep containers tightly closed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT COMMENTS:	Note comment in EH40 regarding dusts of any kind. At a level of 10mg/m ³ 8-hour TWA total inhalable dust or 4mg/m ³ 8-hour TWA of respirable dust COSHH controls should be implemented.
VENTILATION:	Well ventilated area.
RESPIRATORS:	Respiratory protection must be used if air concentration exceeds acceptable level.
PROTECTIVE GLOVES:	Use gloves as a standard industrial handling procedure.
EYE PROTECTION:	Wear approved safety goggles.
HYGIENIC WORK PRACTICES:	Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Powder.	
COLOUR:	White. / Yellowish-Brown.	
ODOUR/TASTE:	Slight.	
BOILING POINT (°C, interval):	Not determined.	Pressure:
MELT./FREEZ. POINT (°C, interval):	Not determined.	
DENSITY/SPECIFIC GRAVITY (g/ml):	Unknown.	Temperature (°C):
VAPOUR PRESSURE:	Unknown.	Temperature (°C):
pH-VALUE, DILUTED SOLUTION:	- Neutral (1% Solution).	Concentration %M:
SOLUBILITY DESCRIPTION:	Soluble in water.	

10. STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions of handling, use and transportation.
CONDITIONS TO AVOID:	Minimise dust generation and accumulation.
HAZARDOUS POLYMERIZATION:	Will not occur.
MATERIALS TO AVOID:	Strong oxidizing agents.
HAZARDOUS DECOMP. PRODUCTS:	Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. TOXICOLOGICAL INFORMATION

TOXIC DOSE - LD 50:	> 5,000 mg/kg (Oral rat) (Sodium alginate)
TOXIC CONC. - LC 50:	> 4,7 mg/l (Sodium alginate)
SKIN:	Non-irritating to rabbit skin. (sodium alginate) Mild skin irritation. (Sodium sulfate).
EYES:	Non-irritating to rabbits eye. (Sodium alginate). Mild eye irritation. (Sodium sulfate).
OTHER HEALTH EFFECTS:	Chronic Oral, Rat: No adverse effects at dosage levels up to 5% of the diet. Chronic Oral, Dog: No adverse effects at dosage levels up to 15% of the diet. (sodium alginate). Sodium sulphate has been used therapeutically as a laxative.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:	No information specific to this product is available.
DEGRADABILITY:	The organic components are biodegradable and can be expected to contribute to BOD.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Follow all applicable community, national or regional regulations regarding waste management methods.

14. TRANSPORT INFORMATION

GENERAL: Not classified as Dangerous for Transport.

15. REGULATORY INFORMATION

NC Not classified

RISK PHRASES: Not classified.

SAFETY PHRASES: Not classified.

16. OTHER INFORMATION

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REV. No./REPL. SDS GENERATED: 0/

SDS No.: 1387

SAFETY DATA SHEET STATUS: Current

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R-PHRASES (Full Text): Not classified.

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