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Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

SDS # FSC-004
Product Name SUPER MOSS HB
Synonyms Kettle Gel, Clarifier, Kettle Coagulant

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use Kettle coagulant

1.3. Details of the Supplier of the Safety Data Sheet

Supplier

Brouwland bvba
Korpelsesteenweg 86
3581 Beverlo - Belgium
0032 (0)11 40 14 08
For further information, please contact

Contact Point Five Star Chemicals & Supply, Inc. 1-303-287-0186
Email Address Jon@fivestarchemicals.com

1.4. Emergency Telephone Number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

Emergency Telephone - §45 - (EC)1272/2008
Europe 112

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Regulation (EC) No 1272/2008

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Classification according to 67/548/EEC

Full text of R-phrases: see section 16

2.2. Label Elements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

2.3. Other Hazards

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances****Chemical Nature**

This product does not contain any components which are considered to be hazardous or have established work place exposure limits.

Full text of R-phrases: see section 16

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES**4.1. Description of First Aid Measures**

Eye Contact	Wash with plenty of water.
Skin Contact	If skin irritation occurs, rinse affected area with water.
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms May cause irritation to the mucous membranes and upper respiratory tract.

4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES**5.1. Extinguishing Media****Suitable Extinguishing Media**

Water. Carbon dioxide (CO₂). Dry chemical.

Unsuitable Extinguishing Media

None known

5.2. Special Hazards Arising from the Substance or Mixture

None known

5.3. Advice for Firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal Precautions, Protective Equipment and Emergency Procedures****Personal Precautions**

Ensure adequate ventilation, especially in confined areas.

For Emergency Responders

Use personal protection recommended in Section 8.

6.2. Environmental Precautions

Collect spillage.

6.3. Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Sweep or flush with water.

6.4. Reference to Other Sections

See Section 12: ECOLOGICAL INFORMATION.

Section 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Advice on Safe Handling

Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Keep container tightly closed. Store at room temperature in a dry area.

7.3. Specific End Use(s)

Risk Management Methods (RMM)

The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

8.2. Exposure Controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

No protective equipment is needed under normal use conditions.

Hand Protection

Gloves are not required for normal use.

Skin and Body Protection

Other protective equipment not required under normal use.

Respiratory Protection

Wear a dust mask if dust is a nuisance.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Solid		
Appearance	Cream to white powder	Odor	Slight marine
Color	Cream to white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.5-10.0	(1% solution)
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not flammable	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limits in Air		
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	Not determined	
Water Solubility	30% max	
Solubility(ies)	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not an explosive	
Oxidizing Properties	Not determined	

9.2. Other Information**Section 10: STABILITY AND REACTIVITY****10.1. Reactivity**

Not reactive under normal conditions.

10.2. Chemical Stability

Stable under normal conditions.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

10.3. Possibility of Hazardous Reactions**Possibility of Hazardous Reactions**

None under normal processing.

10.4. Conditions to Avoid

None known based on information supplied.

10.5. Incompatible Materials

None known based on information supplied.

10.6. Hazardous Decomposition Products

None under normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Product Information

No acute toxicity information is available for this product.

Symptoms Please see section 4 of this SDS for symptoms.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

Not determined.

12.4. Mobility in Soil

Mobility in soil

Not determined.

12.5. Results of PBT and vPvB Assessment

Not determined.

12.6. Other Adverse Effects

Not determined

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste from Residues / Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION

IMDG

14.1 UN/ID No Not Regulated
 14.2
 14.3
 14.4
 14.5
 14.6
 14.7

RID

14.1 UN/ID No Not Regulated
 14.2
 14.3
 14.4
 14.5
 14.6

ADR

14.1 UN/ID No Not Regulated

14.2

14.3

14.4

14.5

14.6

ICAO (air)

14.1 UN/ID No Not Regulated

14.2

14.3

14.4

14.5

14.6

IATA

14.1 UN/ID No Not Regulated

14.2

14.3

14.4

14.5

14.6

Section 15: REGULATORY INFORMATION**15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

TSCA -

EINECS/ELINCS -

DSL/NDL -

PICCS -

ENCS -

IECSC -

AICS -

KECL -

Legend

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier

Section 16: OTHER INFORMATION**Full text of R-phrases referred to under sections 2 and 3**

Not applicable

Classification procedure

Expert judgment and weight of evidence determination

Issue Date	14-Jul-1990
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Revision Note	New format.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet