

Safety Data Sheet

section

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name/designation : Extender

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : Seed Treatment.

1.3 Details of the supplier of the safety data sheet

Supplier : **Name:** Agrauxine Corp.
Street: 375 Bonnewitz Avenue
Postal code/City: 45891 Ohio Van Wert
Country: United States
Telephone: +1 419-232-2461
Website: www.agrauxine.us
E-mail: fds-agx@agrauxine.lesaffre.com

1.4 Emergency Telephone Number

U.S.:

CHEMTREC : +1 800-424-9300.

section

2 Hazards identification

2.1 Classification of the substance or mixture

Hazards identification:

H372

STOT RE 1

Causes damage to organs through prolonged or repeated exposure

2.2 Label elements

Hazard pictograms



Signal word

Danger

Hazard Statements

H372

Causes damage to organs through prolonged or repeated exposure

Precautionary Statements - Prevention

P260

Do not breathe vapors.

P264

Wash hands thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

Precautionary Statements - Response

P314

Get medical advice/attention if you feel unwell.

Precautionary Statements - Disposal

P501 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3 Other hazards
Adverse human health effects and symptoms:

May cause eye, skin and respiratory system irritation.

3 Composition/information on ingredients
3.1 Substances

Not applicable.

3.2 Mixtures

Substance	Concentration (%)	Product identifier	Classification
Talc (Mg ₃ H ₂ (SiO ₃) ₄) [1]	< 3%	CAS N° 14807-96-6 EC N° 238-877-9	H372 STOT RE 1

[1] Substance for which maximum workplace exposure limits are available.

Remark

Full text of H- phrases: see section 16.

4 First aid measures
4.1 Description of first aid measures
General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Following inhalation:

Move the affected person to the fresh air. Get medical advice/attention if you feel unwell.

Following skin contact:

Wash skin thoroughly with mild soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Following eye contact:

Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist if irritation persists.

Following ingestion:

Rinse mouth out with water. Drink plenty of water. Induce vomiting if victim completely conscious/alert. Get medical advice/attention.

Self-protection of the first aider:

First aider: Pay attention to self-protection.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed
Notes for the doctor:

Treat symptomatically.

section 5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water.
 Foam.
 Extinguishing powder.
 Carbon dioxide (CO₂).

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Do not inhale vapors and fumes.
 Co-ordinate fire-fighting measures to the fire surroundings.
 Move undamaged containers from immediate hazard area if it can be done safely.
 Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.
 Use water spray jet to protect personnel and to cool endangered containers.
 Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ventilate spillage area.
 Avoid contact with skin, eyes and clothing. Do not breathe vapors. Evacuate unnecessary personnel. Only qualified personnel equipped with suitable protective equipment may intervene.
 Do not attempt to take action without suitable protective equipment.

6.2 Environmental precautions

Contain the spilled material by bunding. Do not allow to enter drains or water courses.

6.3 Methods and material for containment and cleaning up

For containment: Stop leak if safe to do so. Take up liquid spill into absorbent material.
 Methods for cleaning up: Wash contaminated area with large amounts of water. Put into a labeled container and provide safe disposal.

6.4 Reference to other sections

Safe handling: see section 7.
 Disposal: see section 13.
 Personal protection equipment: see section 8.

Additional information

Not available

section 7 Handling and Storage

7.1 Precautions for safe handling

PROTECTIVE MEASURES:

Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Do not breathe vapors. Mix well before use. Add water to dilute it if necessary.

Advices on general occupational hygiene:

Do not drink, eat or smoke in the workplace. Wash hands and other exposed areas with soap and water before leaving work. Wash contaminated clothing before reuse.

Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place.

Keep container closed when not in use. Do not store for prolonged periods at elevated temperatures. Protect from repeated freezing and thawing. Keep out of the reach of children.

Requirements for storage rooms and vessels:

Storage temperature: > 32 °F.

Advice on joint storage:

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions:

Store in original container.

7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits:

Substance	Value	Unit	Type
Talc (Mg ₃ H ₂ (SiO ₃) ₄) CAS: 14807-96-6 (US)	2	mg/m ³	Exposure limit (8 hours) ACGIH 2023
Talc (Mg ₃ H ₂ (SiO ₃) ₄) CAS: 14807-96-6 (US)	20	mppcf	Exposure limit (8 hours) OSHA Annotated Table Z-3 Mineral Dusts

Biological limit values:

Not available

Exposure limits at intended use:

Not available

Remark:

Not available

8.2 Exposure controls

Appropriate engineering controls:

Technical measures and the application of suitable work processes have priority over personal protection equipment. Provide adequate ventilation as well as local exhaust at critical locations.

Individual protection measures, such as personal protective equipment:



Eye/face protection

: **Suitable eye protection:**
Safety glasses.

Skin protection

: **Hand protection:**
Suitable gloves type:
Protective gloves.
Suitable material:
Rubber.
Breakthrough time:
Refer to the recommendations of the supplier.

Respiratory protection

Body protection:

Suitable protective clothing:

Wear suitable protective clothing.

Respiratory protection necessary at:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Suitable respiratory protection apparatus:

Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur, such as: Air-Purifying Respirator for Organic Vapors, Dusts and Mists.

Environmental exposure controls:

Avoid discharge of the product as is into the environment.

Consumer exposure controls:

Not available

Additional information

Not available

9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Not available
Odour	: Not available
pH	: 4.5 - 6.8
Freezing point	: 28 - 32 °F
Initial boiling point and boiling range	: 212°F
Flash point	: Not available
Flammability	: Not available
Upper/lower flammability or explosive limits	: Not available
Vapour pressure	: Insignificant
Vapour density	: Not available
Relative density	: 1.03 - 1.15
Density	: 8.55 - 9.5 Pound/gallon
Solubility(ies)	: Dispersible
Partition coefficient n-octanol/water (log value)	: Not applicable
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Dynamic viscosity	: 60 - 250 cP
Kinematic viscosity	: Not available
Oxidising properties	: Not explosive
Oxidising properties	: Non oxidizing Material
Solubility in other Solvents	: Not available
Particle characteristics	: Not applicable

9.2 Other safety information

Information concerning to the classes of physical hazards

Not available

Other security characteristics

Not available

section **10** Stability and Reactivity

10.1 Reactivity

None under normal conditions.

10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Polymerization can occur.

10.4 Conditions to avoid

Extremely high or low temperatures. Protect from freezing.

10.5 Incompatible materials

None, to our knowledge.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

Additional information

Not available

section **11** Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity:

No data available.

Acute dermal toxicity:

No data available.

Acute inhalation toxicity:

No data available.

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

No data available.

Skin sensitisation:

No data available.

Specific target organ toxicity (repeated exposure):

The product is classified STOT RE 1 according to the referenced regulation.

Causes damage to organs through prolonged or repeated exposure.

Specific target organ toxicity (single exposure):

No data available.

Carcinogenicity:

No data available.

Reproductive toxicity:

No data available.

Germ cell mutagenicity:

No data available.

Sensitisation to the respiratory tract:

No data available.

Additional information:

Not available

11.2 Information on other hazards

Not available

12 Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Other adverse effects

Not available

Additional ecotoxicological information

Not available

13 Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal:

Waste treatment options:

Appropriate disposal/Product:

Dispose of waste according to the local applicable legislation.

Appropriate disposal/Package:

Dispose of waste according to the local applicable legislation.

Dispose of it with an authorized recycling or waste treatment entity, according to local requirements.

Additional information

Not available

14 Transport information

14.1 UN number

Not available

14.2 UN proper shipping name

Not available

14.3 Transport hazard class(es)

Not available

14.4 Packing group

Not available

14.5 Environmental hazards

Not available

14.6 Special precautions for user

Not available

14.7 Bulk shipping according to IMO instruments

Not available

Additional information

Not available

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This SDS has been established in accordance with GHS regulation.

National regulations:

Occupational Exposure Limit Values (long term) - US (NIOSH and OSHA):

Substance	CAS	EC
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	14807-96-6	238-877-9

All components of this product are present and listed as Active, or excluded from the directory, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

SARA 313: This product contains no chemicals in excess of the applicable de minimis concentration that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (Table 372.65).

All chemical substances in this product are listed on the Canadian DSL (Domestic Substances List).

All chemical substances in this product are listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances).

State regulations:

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

Talc is listed on the Pennsylvania RTK (Right To Know) List.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment is not required.

Additional information

Not available

16 Other information

Indication of changes

Version 2: General update.

Abbreviations and acronyms

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

GHS: Globally Harmonised System of Classification and Labeling of Chemicals.

Key literature references and sources for data

No data available.

Classification for mixtures and used evaluation method

The classification of the mixture is in accordance with the evaluation method described in the GHS.

