

**SUPREMO L 150 B**
**FSL-005\_LAT**
**SECTION 1 Identification of the substance/mixture and of the company/undertaking**
**1.1. Product identifier**

Trade name : SUPREMO L 150 B  
 Type of product : Fertilizer.

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

Use : Agriculture.

**1.3. Details of the supplier of the safety data sheet**

Company identification : Borealis L.A.T GmbH  
 St.-Peter-Strasse 25,  
 4021 Linz, Austria  
 T: +43 732 6915-0  
 E-mail : sds@borealisgroup.com

**1.4. Emergency telephone number**

Emergency phone nr : T: +44 (0) 1235 239 670

**SECTION 2 Hazards identification**
**2.1. Classification of the substance or mixture**
**Classification EC 67/548 or EC 1999/45**

Classification : Not classified.

**Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)**

Not classified.

**2.2. Label elements**
**Labelling Regulation EC 1272/2008 (CLP)**

- Hazard pictograms : None.
- Hazard pictograms : None.
- Signal words : None.
- Hazard statements : None.
- Precautionary statements : None.

**2.3. Other hazards**

Other hazards : None under normal conditions.

**SECTION 3 Composition/information on ingredients**
**3.1. / 3.2 Substance / Preparation**

Substance / Preparation : Preparation.

Components : This product is not hazardous.

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
Boric acid (H3BO3), reaction products with ethanolamine	: Between 80 and 100 %	94095-04-2	302-207-4	-----	01-2119892821-29-0002	Not classified. (DSD/DPD) Not classified. (GHS)

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**SECTION 4 First aid measures**

**4.1. Description of first aid measures**

**First aid measures**

- Inhalation : Assure fresh air breathing.
- Skin contact : Wash skin with mild soap and water.
- Eye contact : Rinse immediately with plenty of water.
- Ingestion : Rinse mouth. Seek medical attention if ill effect develops.

**4.2. Most important symptoms and effects, both acute and delayed**

- Inhalation : None under normal conditions.
- Skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- Eye contact : Slight eye irritant upon direct contact.
- Ingestion : Abdominal pain, nausea.

**4.3. Indication of any immediate medical attention and special treatment needed**

- : Thermal decomposition generates toxic vapours.

**SECTION 5 Firefighting measures**

**5.1. Extinguishing media**

- Extinguishing media** : All extinguishing media can be used.

**5.2. Special hazards arising from the substance or mixture**

- Specific hazards** : Thermal decomposition generates toxic vapours.

**5.3. Advice for firefighters**

- Flammable class** : The product is not flammable.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.

**SECTION 6 Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

- Personal precautions** : Equip cleanup crew with proper protection.

**6.2. Environmental precautions**

- Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

**6.3. Methods and material for containment and cleaning up**

- Clean up methods** : Clean up any spills as soon as possible, using an absorbent material to collect it. Flush with plenty of water. Use suitable disposal containers.

**6.4. Reference to other sections**

- Reference to other sections** : See Headings 7, 8, 13.

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**SECTION 7 Handling and storage**
**7.1. Precautions for safe handling**

**Handling** : Handle in accordance with good industrial hygiene and safety procedures.  
Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

**General** : Avoid all unnecessary exposure.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage** : Keep away from food, drink and animal feeding stuffs.  
Store in dry, cool, well-ventilated area.  
Keep container closed when not in use.  
Protect from freezing.

**7.3. Specific end use(s)**

: See Headings 1.1, 1.2.

**SECTION 8 Exposure controls/personal protection**
**8.1. Control parameters**

**Occupational Exposure Limits** : No data available.

**8.2. Exposure controls**

- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- **Hand protection** : In case of repeated or prolonged contact wear gloves.
- **Eye protection** : Even though no specific eye irritation data is available, wear eye protection appropriate to conditions of use when handling this material.
- **Ingestion** : When using, do not eat, drink or smoke.
- Industrial hygiene** : Provide local exhaust or general room ventilation.

**SECTION 9 Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

- Physical state at 20 °C** : Liquid.
- Odour** : Weak.
- Odour threshold** : No data available.
- pH value** : 7.7 - 8.1
- Melting point [°C]** : Not applicable (aqueous liquid).
- Boiling point [°C]** : No data available.
- Flash point [°C]** : Not applicable. / No data available.
- Evaporation rate** : Not applicable. / No data available.
- Flammability** : Not applicable (non-flammable liquid).
- Explosion limits (lower - upper)** : Not classified as explosive according to EC criteria.
- Vapour pressure** : Not applicable. / No data available.
- Vapour density** : Not applicable. / No data available.
- Density** : 1.36
- Solubility in water** : Completely soluble.
- Partition coefficient : n-octanol / water** : No data available.

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**SECTION 9 Physical and chemical properties (continued)**

Auto-ignition temperature : Not applicable (non-flammable liquid).  
Thermal decomposition : No data available.  
Viscosity : 350 cP (20°C)  
Explosive Properties : Not classified as explosive according to EC criteria.  
**9.2. Other information**  
Other information : Non oxidizing material according to EC criteria.

**SECTION 10 Stability and reactivity**

**10.1. Reactivity**  
: See 10.2.  
**10.2. Chemical stability**  
Stability and reactivity : Product is stable under normal conditions of storage, handling and use.  
**10.3. Possibility of hazardous reactions**  
Hazardous reactions : None under normal conditions.  
**10.4. Conditions to avoid**  
Conditions to avoid : None under normal conditions.  
**10.5. Incompatible materials**  
Materials to avoid : None under normal conditions.  
**10.6. Hazardous decomposition products**  
Hazardous decomposition products : Thermal decomposition generates toxic vapours.

**SECTION 11 Toxicological information**

**11.1. Information on toxicological effects**  
Rat oral LD50 [mg/kg] : No data available.

**SECTION 12 Ecological information**

**12.1. Toxicity**  
LC50-96 Hour - fish [mg/l] : 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. Results of PBT and vPvB assessment**  
: No data available.  
**12.6. Other adverse effects**

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**SECTION 12 Ecological information (continued)**

**Environmental precautions** : Avoid release to the environment.

**SECTION 13 Disposal considerations**

**13.1. Waste treatment methods**

**General** : Dispose in a safe manner in accordance with local/national regulations.

**SECTION 14 Transport information**

**14.1. UN number**

**General information** : Not regulated.

**14.2. UN proper shipping name**

: Not regulated.

**14.3. Transport hazard class(es)**

**Land transport** : Not regulated.

**Sea transport** : Not regulated.

**Air transport** : Not regulated.

**14.4. Packing group**

: Not regulated.

**14.5. Environmental hazards**

: None.

**14.6. Special precautions for user**

: None.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

: Not applicable.

**SECTION 15 Regulatory information**

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

: Ensure all national/local regulations are observed.

**15.2. Chemical safety assessment**

: No data available.

**SECTION 16 Other information**

**Further information** : None.

The contents and format of this SDS are in accordance with Regulation (EU) 453/2010 (REACH Annex II).

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