

**LOVOSUR**  
**N (SO<sub>3</sub>) 15 (55)**  
**EU FERTILISING PRODUCT**

**Manufacturer:** Lovochemie a.s., Terežínská 57, Lovosice, 410 02, Czech Republic

**Distributor:**

**Type designation:** PFC 1(C)(I)(b)(i) Straight liquid inorganic macronutrient fertiliser

**Chemical and Physical Properties:**

Feature	Value
Total nitrogen as N in wt %	15
Ammonium nitrogen as N in wt %	10
Ureic nitrogen as N in wt %	5
Water - soluble sulphur as S in wt %	22
Water - soluble sulphur as SO <sub>3</sub> in wt %	55
pH of the diluted solution (1 : 5)	7 – 9
Density in kg/L at 20°C	approx. 1.32

The liquid fertiliser is in solution, without colour or yellowish tint.

**Contaminant content:** the fertiliser meets the contaminant content limits for the type of fertiliser according to Regulation (EU) No. 2019/1009.

**Usage:**

Fertiliser diluted with water is a universal fertiliser, applied by watering or spraying. After dilution, it is used for basic fertilisation in the cultivation of most crops and cultures. It is suitable for both root and non - root application to quickly replenish deficient nitrogen and sulphur. Sulphur is contained in the thiosulphate form. An accompanying effect of this form of sulphur is to increase the resistance of plants to fungal diseases and certain insect pests. The fertiliser does not replace the plant protection product.

When used according to the plant fertilisation requirements, the fertiliser is used up without any residue and there is no salinisation of the soil. It is also used for additional extra - root fertilisation of plants, especially in cases where nutrient uptake by the roots is difficult. This can be for example in bad weather.

The fertiliser is applied in the morning or evening. Sensitive cultures run the risk of burns in intense sunlight. Off - root nutrition is carried out during the main growing season in partial doses at intervals of at least 14 days.

**Application:**

For foliar application, the maximum recommended rates range from 3 to 6 litres of concentrate per hectare. The concentration of the applied aqueous solution is preferably between 0.5 and 2 %.

Crop	Application time	Number of applications	Dosage in l/ha
Cereals, oilseeds	in the moulting period until flowering	1 – 2	5
Leguminous crops	before the flower	1 – 2	5
Rapeseed oil	4 to 6 leaves long - lived growth	2 – 3	5
Sugar beet	4 to 6 leaves	2 – 3	4 – 6
Leafy vegetables	during the growing season together with pesticides as a 0.5 % solution	4 – 6	

Grape vine	after fruit hatching when pesticides are used as a 0.5 % solution	6 – 8	
Kernels, stone fruits	after flowering when using pesticides as a 0.5 % solution	5 – 10	
Hops	throughout the growing season together with pesticides	4 – 6	3 – 5
Potatoes	from emergence at an interval of 14 days	2 – 4	5

These doses set out the approximate amount of fertiliser recommended for application for a given crop. Specific doses and total amounts must be specified according to local conditions and applicable legislation. The use of soil and plant analyses or other diagnostic tools is very relevant.

**Labelling according to Regulation (EC) No. 1272/2008 (CLP):**

**Hazard symbols:**

Not applied.

**Signal word:**

Not applied.

**Standard hazard statements:**

Not applied.

**Rules for safe handling:**

Not applied.

**A list of all ingredients constituting more than 5 % by weight of the fertiliser:**

Ammonium thiosulphate CAS 7783-18-8 (CMC 1), urea CAS 57-13-6 (CMC 1)

The fertiliser falls within the scope of Council Directive 91/676/EEC on the protection of waters against pollution caused by nitrates from agricultural sources. The fertiliser contains nitrogen and can therefore be used on a limited basis in vulnerable areas. The fertiliser can be used without restriction in habitats outside the endangered areas.

Fertiliser contains urea, which can release ammonia and affect air quality. Depending on local conditions, appropriate corrective measures should be taken.

Additional or detailed information with regard to safe handling and environmental impact, including first aid instructions, is given in the safety data sheet for the fertiliser in question.

**Transport and storage:**

The fertilizer is transported in PE containers or other packaging units agreed with the customer. Store in polyethylene or fibreglass bins or containers of the manufacturer. When storing the temperature of the stored product must not drop below + 5°C. Keep out of direct sunlight. Store in a dry and cool place. Keep the containers tightly closed.

**Package Volume:** 0.5, 1, 5, 10, 20, 600, 1,000 litres and tanks

**Shelf Life:** 24 months when stored in the original undamaged packaging and under storage conditions

**Date of manufacture:**