

	<b>PRODUCT TECHNICAL SPECIFICATION</b>	<b>No.</b>	<b>WT-2014/LP-74</b>
	<b>GRANOMA SUPER PLUS</b>	<b>Edition no.</b>	<b>6</b>
		<b>Date</b> (of actualisation)	<b>September 11th, 2025</b>

## 1. INTRODUCTION

**1.1 Subject.** The subject of this document is an anti-caking agent for fertilizers.

**1.2 Range of the WT subject usage.** The product is used for protecting granules of fertilizers against solidation and dust raising.


## 2. LABELLING

### 2.1 Labelling examples.

GRANOMA SUPER PLUS

WT-2014/LP-74

### 2.2 Labelling elements.

Name	<b>GRANOMA SUPER PLUS</b> Contains amine (tallow alkyl, hydrogenated)
Pictograms	
Signal word:	Danger
Hazard statements	H318: Causes serious eye damage. H400: Very toxic to aquatic organisms. H410: Very toxic to aquatic life with long lasting effects.
Precautionary statements	P280: Wear protective glasses P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. continue rinsing. P273 Avoid release to the environment.

## 3. QUALITY REQUIREMENTS AND TEST METHODS

### 3.1 Standard parameters and test methods.

**Table 1** – Quality requirements valid for each batch of the product:

Parameters	Unit	<b>GRANOMA SUPER PLUS</b> Parameter value	Test method
1	2	3	4
a) Congealing point	°C	min. 55	PN-ISO 2207:2011 ASTM D 938

b) Flash point	°C	min. 200	PN-EN ISO 2592:2017-10 ASTM D 92
c) Kinematic viscosity at 100°C	mm <sup>2</sup> /s	4 - 15	PN-EN ISO 3104:2004
d) Density at 15°C	g/cm <sup>3</sup>	Evaluated, indicated in certificate	PN-EN ISO 3675:2004

**3.2 Sample taking.** According to PN-EN ISO 3170:2006.

## 4. PACKAGING, STORAGE AND TRANSPORTATION

**4.1 Packaging.** GRANOMA SUPER PLUS is stored in the following way:

- liquid loose in heated storage tanks,
- cans of capacity 200l.

The method of packaging and storage is in accordance with the regulations of transportation of petroleum products described in national and international transportation law.

It is admitted to use other kind of packages previously agreed between recipient, producer and carrier, in condition that product is protected well.

On each package should be placed a label with at least following information:

- a) name of the producer,
- b) address of the producer
- c) labelling according to point 2,
- d) mass-net or volume,
- e) date of production,
- f) control number.

**4.2 Storage.** The product should be stored in following way:

- liquid state, at a temperature of 60-85 °C, in closed tanks equipped with heating system, protecting the product against moisture and mechanical impurities, away from heat sources. The Shelf Life of a product stored in accordance with the above guidelines is 6 months.

- solid state in closed packages, protecting the product against moisture and mechanical impurities, away from heat sources, at a temperature not exceeding 25 °C, protected from direct sunlight. The Shelf Life of a product stored in accordance with the above guidelines is 12 months.

**4.3 Transportation.** The product is a product posing a threat in transport according to ADR / RID. Detailed information on transportation is provided in the Material Safety Data Sheet: KCh/ LP/080 in Section 14.

## 5. ADDITIONAL INFORMATION

**5.1 Institution preparing WT:** Polwax S.A.; Jasło, Poland

## 5.2 Standards and referenced documents

PN-EN ISO 3170:2006 – Petroleum liquids. Manual sampling.

Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 of 16 December 2008. in on classification, labeling and packaging of substances and mixtures, and amending and repealing Directive 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Official Journal. EU L 353 / 2 of 31.12.2008).

Other standards related: table 1

**Checked:**

**SZEF BIURA TECHNOLOGII**

  
.....**Mateusz Klaczek**.....  
Head of the Technology Office

**Approved:**

**DYREKTOR OPERACYJNY**

  
.....**Piotr Jędrzejowski**.....  
Operation Director