



## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### Multicote™ Multicote 15-7-15+2MgO+ME

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** Multicote™  
Multicote 15-7-15+2MgO+ME
- Other means of identification:**  
Synonyms: Multicote (4) 15-7-15 +2+ME/ Multicote 4M STANDARD 15-7-15+2+ME / Multicote (6) 15-7-15 +2+ME / Multicote 6M STANDARD 15-7-15+2+ME / Multicote (8) 15-7-15 +2+ME / Multicote 8M STANDARD 15-7-15+2+ME
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses: Fertilizer  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**  
Haifa Negev Technologies Ltd  
Matam-Haifa  
3190500 Haifa - Israel  
Phone: +972-74-7373737  
Regulatory@haifa-group.com  
<https://www.haifa-group.com>
- Representative in Europe:  
Haifa North West Europe  
Generaal de Wittelaan 17 bus 16,  
2800 Mechelen – Belgium  
Tel: +32 15 27 08 11 Fax: +32 15 27 08 15  
Regulatory.HNWE@haifa-group.com
- 1.4 Emergency telephone number:** In UK:  
NHS111: 111  
National Poisons Information Centre Beaumont Hospital: (01) 809 2166
- In Israel:  
+972-74-7373737 Working hours: 08:00-17:00 Jerusalem time

#### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
**CLP Regulation (EC) No 1272/2008:**  
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.  
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Hazard statements:**  
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.  
**Precautionary statements:**  
P273: Avoid release to the environment.  
P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.
- 2.3 Other hazards:**  
Product fails to meet PBT/vPvB criteria  
Endocrine-disrupting properties: The product fails to meet the criteria.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\*

- 3.1 Substance:**  
Non-applicable
- 3.2 Mixture:**  
**Chemical description:** Mixture of substances

\*\* Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -



## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### Multicote™ Multicote 15-7-15+2MgO+ME

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\* (continued)

### Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 6484-52-2 EC: 229-347-8 Index: Non-applicable REACH: 01-2119490981-27	<b>ammonium nitrate</b> <sup>1</sup> Regulation 1272/2008 Eye Irrit. 2: H319; Ox. Sol. 3: H272 - Warning	Self-classified 40 - <54 %
CAS: 10028-22-5 EC: 233-072-9 Index: Non-applicable REACH: 01-2119513202-59	<b>Diiron tris(sulphate)</b> <sup>1</sup> Regulation 1272/2008 Acute Tox. 4: H302; Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Irrit. 2: H315 - Danger	Self-classified 1.5 - <3 %
CAS: 1303-96-4 EC: 215-540-4 Index: 005-011-01-1 REACH: 01-2119490790-32	<b>Disodium tetraborate decahydrate</b> <sup>1</sup> Regulation 1272/2008 Eye Irrit. 2: H319; Repr. 1B: H360FD - Danger	Self-classified 0.01 - <0.3 %
CAS: 7758-99-8 EC: 231-847-6 Index: 029-023-00-4 REACH: 01-2119520566-40	<b>Copper sulfate pentahydrate</b> <sup>2</sup> Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318 - Danger	ATP ATP17 0.01 - <0.3 %

<sup>1</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

<sup>2</sup> Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

### Other information:

Identification	M-factor	
	Copper sulfate pentahydrate CAS: 7758-99-8 EC: 231-847-6	Acute
	Chronic	10

\*\* Changes with regards to the previous version

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

#### By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

#### By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

#### By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

#### By ingestion/aspilation:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

### 4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

### 4.3 Indication of any immediate medical attention and special treatment needed:

Non-applicable

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media:

- CONTINUED ON NEXT PAGE -



## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### Multicote™ Multicote 15-7-15+2MgO+ME

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

#### SECTION 5: FIREFIGHTING MEASURES (continued)

##### **Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, handling and use. Use preferably water.

##### **Unsuitable extinguishing media:**

Non-applicable

##### **5.2 Special hazards arising from the substance or mixture:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

##### **5.3 Advice for firefighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

##### **Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

##### **6.1 Personal precautions, protective equipment and emergency procedures:**

###### **For non-emergency personnel:**

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

###### **For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

##### **6.2 Environmental precautions:**

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

##### **6.3 Methods and material for containment and cleaning up:**

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

##### **6.4 Reference to other sections:**

See sections 8 and 13.

#### SECTION 7: HANDLING AND STORAGE

##### **7.1 Precautions for safe handling:**

###### **A.- General precautions for safe use**

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and destroy using safe methods (section 6).

###### **B.- Technical recommendations for the prevention of fires and explosions**

Due to its inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

###### **C.- Technical recommendations on general occupational hygiene**

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

###### **D.- Technical recommendations to prevent environmental risks**

Preferably use aspiration for cleaning. Given the danger of the product by inhalation, any cleaning method that involves exposure to the product in this way (sweeping, etc.) is not recommended

##### **7.2 Conditions for safe storage, including any incompatibilities:**

###### **A.- Technical measures for storage**

Maximum Temp.: 35 °C

- CONTINUED ON NEXT PAGE -



Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

**Multicote™**  
**Multicote 15-7-15+2MgO+ME**

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

**SECTION 7: HANDLING AND STORAGE (continued)**

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

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

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Nuisance dust: Inhalable dust 10 mg/m<sup>3</sup> // Respirable dust 4 mg/m<sup>3</sup>

**DNEL (Workers):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
ammonium nitrate CAS: 6484-52-2 EC: 229-347-8	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	5,12 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	36 mg/m <sup>3</sup>	Non-applicable
Diiron tris(sulphate) CAS: 10028-22-5 EC: 233-072-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	2,8 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	Non-applicable	Non-applicable
Disodium tetraborate decahydrate CAS: 1303-96-4 EC: 215-540-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	316,4 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	6,7 mg/m <sup>3</sup>	Non-applicable
Copper sulfate pentahydrate CAS: 7758-99-8 EC: 231-847-6	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	137 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>

**DNEL (General population):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
ammonium nitrate CAS: 6484-52-2 EC: 229-347-8	Oral	Non-applicable	Non-applicable	2,56 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	2,56 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	8,9 mg/m <sup>3</sup>	Non-applicable
Diiron tris(sulphate) CAS: 10028-22-5 EC: 233-072-9	Oral	20 mg/kg	Non-applicable	0,28 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,4 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	Non-applicable	Non-applicable
Disodium tetraborate decahydrate CAS: 1303-96-4 EC: 215-540-4	Oral	0,79 mg/kg	Non-applicable	0,79 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	159,5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	3,4 mg/m <sup>3</sup>	Non-applicable
Copper sulfate pentahydrate CAS: 7758-99-8 EC: 231-847-6	Oral	0,082 mg/kg	Non-applicable	0,041 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	Non-applicable	Non-applicable	Non-applicable	Non-applicable

**PNEC:**

Identification				
ammonium nitrate CAS: 6484-52-2 EC: 229-347-8	STP	18 mg/L	Fresh water	Non-applicable
	Soil	Non-applicable	Marine water	Non-applicable
	Intermittent	Non-applicable	Sediment (Fresh water)	Non-applicable
	Oral	Non-applicable	Sediment (Marine water)	Non-applicable

**Multicote™**  
**Multicote 15-7-15+2MgO+ME**

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

Identification				
Disodium tetraborate decahydrate CAS: 1303-96-4 EC: 215-540-4	STP	10 mg/L	Fresh water	2,9 mg/L
	Soil	5,7 mg/kg	Marine water	2,9 mg/L
	Intermittent	13,7 mg/L	Sediment (Fresh water)	Non-applicable
	Oral	Non-applicable	Sediment (Marine water)	Non-applicable
Copper sulfate pentahydrate CAS: 7758-99-8 EC: 231-847-6	STP	0,23 mg/L	Fresh water	0,0078 mg/L
	Soil	65 mg/kg	Marine water	0,0052 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	87 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	676 mg/kg

**8.2 Exposure controls:**



A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection



The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands



Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Protective gloves against minor risks			Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.



D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing			Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes		EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D



## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### Multicote™ Multicote 15-7-15+2MgO+ME

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

##### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	0 % weight
V.O.C. density at 20 °C:	0 kg/m <sup>3</sup> (0 g/L)
Average carbon number:	Non-applicable
Average molecular weight:	Non-applicable

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

##### 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

##### Appearance:

Physical state at 20 °C:	Solid
Appearance:	Not available
Colour:	Not available
Odour:	Not available
Odour threshold:	Non-applicable *

##### Volatility:

Boiling point at atmospheric pressure:	Non-applicable *
Vapour pressure at 20 °C:	Non-applicable *
Vapour pressure at 50 °C:	Non-applicable *
Evaporation rate at 20 °C:	Non-applicable *

##### Product description:

Density at 20 °C:	Non-applicable *
Relative density at 20 °C:	Non-applicable *
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20 °C:	Non-applicable *
Partition coefficient n-octanol/water 20 °C:	Non-applicable *
Solubility in water at 20 °C:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *

##### Flammability:

Flash Point:	Non-applicable
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	Non-applicable *
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *

##### Explosive (Solid):

Lower explosive limit:	Non-applicable *
------------------------	------------------

\*Not relevant due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -



## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### Multicote™ Multicote 15-7-15+2MgO+ME

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Upper explosive limit: Non-applicable \*

##### Particle characteristics:

Median equivalent diameter: Non-applicable \*

#### 9.2 Other information:

##### Information with regard to physical hazard classes:

Explosive properties: Non-applicable \*

Oxidising properties: Non-applicable \*

Corrosive to metals: Non-applicable \*

Heat of combustion: Non-applicable \*

Aerosols-total percentage (by mass) of flammable components: Non-applicable \*

##### Other safety characteristics:

Surface tension at 20 °C: Non-applicable \*

Refraction index: Non-applicable \*

\*Not relevant due to the nature of the product, not providing information property of its hazards.

#### SECTION 10: STABILITY AND REACTIVITY

##### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

##### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

##### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

##### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

##### 10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Precaution	Precaution	Avoid alkalis or strong bases

##### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

#### SECTION 11: TOXICOLOGICAL INFORMATION \*\*

##### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

##### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

\*\* Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -



Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

**Multicote™**  
**Multicote 15-7-15+2MgO+ME**

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

**SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)**

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**B- Inhalation (acute effect):**

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**C- Contact with the skin and the eyes (acute effect):**

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):**

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Non-applicable
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**E- Sensitizing effects:**

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**F- Specific target organ toxicity (STOT) - single exposure:**

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**G- Specific target organ toxicity (STOT)-repeated exposure:**

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**H- Aspiration hazard:**

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
ammonium nitrate CAS: 6484-52-2 EC: 229-347-8	LD50 oral	2217 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>5 mg/L	
Diiron tris(sulphate) CAS: 10028-22-5 EC: 233-072-9	LD50 oral	500 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>5 mg/L	
Disodium tetraborate decahydrate CAS: 1303-96-4 EC: 215-540-4	LD50 oral	4500 mg/kg	Rat
	LD50 dermal	10000 mg/kg	Rabbit
	LC50 inhalation	>5 mg/L	

\*\* Changes with regards to the previous version





Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

**Multicote™**  
**Multicote 15-7-15+2MgO+ME**

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

**SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)**

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
Copper sulfate pentahydrate	482 mg/kg	>2000 mg/kg	Rat
CAS: 7758-99-8			
EC: 231-847-6	LC50 inhalation	>5 mg/L	

**11.2 Information on other hazards:**

**Endocrine disrupting properties**

Endocrine-disrupting properties: The product fails to meet the criteria.

**Other information**

Non-applicable

\*\* Changes with regards to the previous version

**SECTION 12: ECOLOGICAL INFORMATION \*\***

The experimental information related to the eco-toxicological properties of the product itself is not available

**12.1 Toxicity:**

**Acute toxicity:**

Identification	Concentration		Species	Genus
	LC50	EC50		
ammonium nitrate CAS: 6484-52-2 EC: 229-347-8	LC50	5697 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	Non-applicable		
	EC50	Non-applicable		
Copper sulfate pentahydrate CAS: 7758-99-8 EC: 231-847-6	LC50	0,81 mg/L (96 h)	Cyprinus carpio	Fish
	EC50	Non-applicable		
	EC50	Non-applicable		

**Chronic toxicity:**

Identification	Concentration		Species	Genus
	NOEC	EC50		
Disodium tetraborate decahydrate CAS: 1303-96-4 EC: 215-540-4	NOEC	Non-applicable	Hyalella azteca	Crustacean
	NOEC	25,9 mg/L		

**12.2 Persistence and degradability:**

Not available

**12.3 Bioaccumulative potential:**

Not available

**12.4 Mobility in soil:**

Not available

**12.5 Results of PBT and vPvB assessment:**

Product fails to meet PBT/vPvB criteria

**12.6 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product fails to meet the criteria.

**12.7 Other adverse effects:**

Not described

\*\* Changes with regards to the previous version

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

Code	Description	Waste class (Regulation (EU) No 1357/2014)
06 10 02*	wastes containing hazardous substances	Dangerous

**Type of waste (Regulation (EU) No 1357/2014):**

- CONTINUED ON NEXT PAGE -



## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### Multicote™ Multicote 15-7-15+2MgO+ME

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

#### SECTION 13: DISPOSAL CONSIDERATIONS (continued)

HP14 Ecotoxic, HP4 Irritant — skin irritation and eye damage

##### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

##### Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

#### SECTION 14: TRANSPORT INFORMATION

##### Transport of dangerous goods by land:

With regard to ADR 2021 and RID 2021:

14.1 UN number or ID number:	Non-applicable
14.2 UN proper shipping name:	Non-applicable
14.3 Transport hazard class(es):	Non-applicable
Labels:	Non-applicable
14.4 Packing group:	Non-applicable
14.5 Environmental hazards:	No
14.6 Special precautions for user	
Special regulations:	Non-applicable
Tunnel restriction code:	Non-applicable
Physico-Chemical properties:	see section 9
Limited quantities:	0
14.7 Maritime transport in bulk according to IMO instruments:	Non-applicable

##### Transport of dangerous goods by sea:

With regard to IMDG 40-20:



14.1 UN number or ID number:	UN2071
14.2 UN proper shipping name:	AMMONIUM NITRATE BASED FERTILIZER
14.3 Transport hazard class(es):	9
Labels:	9
14.4 Packing group:	III
14.5 Marine pollutant:	No
14.6 Special precautions for user	
Special regulations:	186, 193
EmS Codes:	F-H, S-Q
Physico-Chemical properties:	see section 9
Limited quantities:	0
Segregation group:	Non-applicable
14.7 Maritime transport in bulk according to IMO instruments:	Non-applicable

##### Transport of dangerous goods by air:

With regard to IATA/ICAO 2022:

- CONTINUED ON NEXT PAGE -



## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### Multicote™ Multicote 15-7-15+2MgO+ME

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

#### SECTION 14: TRANSPORT INFORMATION (continued)



<b>14.1 UN number or ID number:</b>	UN2071
<b>14.2 UN proper shipping name:</b>	AMMONIUM NITRATE BASED FERTILIZER
<b>14.3 Transport hazard class(es):</b>	9
Labels:	9
<b>14.4 Packing group:</b>	III
<b>14.5 Environmental hazards:</b>	No
<b>14.6 Special precautions for user</b>	
Physico-Chemical properties:	see section 9
<b>14.7 Maritime transport in bulk according to IMO instruments:</b>	Non-applicable

#### SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Disodium tetraborate decahydrate

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Copper sulfate pentahydrate (Product-type 2)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

##### Seveso III:

Non-applicable

##### Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....)

:

Content ammonium nitrate. We don't commercialize products whose weight contains more than 28% of nitrogen compared to ammonium nitrate. We use it as a solid fertilizer, it is a much simpler composite, respecting the 3rd Annex of the EU Regulation of 2003/2003. As well, we don't commercialize products whose weight contains 16% or more of nitrogen compared to ammonium nitrate. Our products are destined to intermediate users and distributors, farmers to use in their agricultural activities or to people working in horticulture, green houses cultures, parks protection, gardening or sports' field maintenance, silviculture and other similar activities.

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors: Contains ammonium nitrate. Product under the provisions of Article 9. However, products that contain explosives precursors only to such a small extent and in such complex mixtures that the extraction of the explosives precursors is technically extremely difficult should be excluded from the scope of this Regulation.

##### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

##### Other legislation:

The product could be affected by sectorial legislation

##### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

#### SECTION 16: OTHER INFORMATION

##### Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

##### Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

- CONTINUED ON NEXT PAGE -



## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### Multicote™ Multicote 15-7-15+2MgO+ME

Date of compilation: 12/06/2017

Revised: 25/01/2023

Version: 2.3 (Replaced 2.2)

#### SECTION 16: OTHER INFORMATION (continued)

COMMISSION REGULATION (EU) 2020/878

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

- New declared substances
  - ammonium nitrate (6484-52-2)
  - Disodium tetraborate decahydrate (1303-96-4)
- Removed substances
  - ammonium nitrate (6484-52-2)
  - Disodium tetraborate decahydrate (1303-96-4)

Content of the 3rd section presenting modifications (SECTION 3):

- Disodium tetraborate decahydrate (1303-96-4): Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH)

#### Texts of the legislative phrases mentioned in section 2:

H412: Harmful to aquatic life with long lasting effects.

#### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

#### CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H302 - Harmful if swallowed.  
Aquatic Acute 1: H400 - Very toxic to aquatic life.  
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  
Eye Dam. 1: H318 - Causes serious eye damage.  
Eye Irrit. 2: H319 - Causes serious eye irritation.  
Met. Corr. 1: H290 - May be corrosive to metals.  
Ox. Sol. 3: H272 - May intensify fire, oxidiser.  
Repr. 1B: H360FD - May damage fertility. May damage the unborn child.  
Skin Irrit. 2: H315 - Causes skin irritation.

#### Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

#### Principal bibliographical sources:

<http://echa.europa.eu>  
<http://eur-lex.europa.eu>

#### Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road  
IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
LogPOW: Octanolwater partition coefficient  
Koc: Partition coefficient of organic carbon  
UFI: unique formula identifier  
IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -