



Multicote™
Multicote 18-6-12+ME

Date of compilation: 10/6/2009

Revised: 4/8/2024

Version: 3.1 (Replaced 3)

SECTION 1: IDENTIFICATION

- 1.1 GHS Product identifier:** Multicote™
Multicote 18-6-12+ME
- Other means of identification:**
Synonyms: Multicote(4)18-6-12+ME, Multicote(4)18-6-12+ME+2MgO, Multicote(6) 18-6-12, Multicote(6)18-6-12+ME, MULTICOTE(8)18-6-12+ME, Multicote(8)18-6-12+TE, Multicote(8)18-6-12+2MgO+ME, Multicote(12) 18-6-12+ME
- 1.2 Recommended use of the chemical and restrictions on use:**
Relevant uses: Fertilizer. For professional users/industrial user only.
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**
Haifa Negev Technologies Ltd
Matam-Haifa
3190500 Haifa - Israel
Phone: +972-74-7373737
Regulatory@haifa-group.com
<https://www.haifa-group.com>

USA representative:
Haifa North America
307 Cranes Roost Blvd
Suite 2030, Altamonte Springs, Florida 32701
Tel: +1-800- 649- 4944
Fax: +1-(407) 862 6400
NorthAmerica@haifa-group.com
- 1.4 Emergency phone number:** U.S Poison Control: 1-800-222-1222

SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
29 CFR 1910.1200:
Classification of this product has been carried out in accordance with paragraph (d) of § 1910.1200.
Aquatic Acute 3: Hazardous to the aquatic environment, acute hazard, Category 3, H402
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
- 2.2 Label elements:**
29 CFR 1910.1200:
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 and / or containers in accordance with regulations on hazardous waste or packaging and packaging waste respectively.
- 2.3 Hazards not otherwise classified (HNOC):**
Not applicable (N/A)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances:**
Non-applicable
- 3.2 Mixtures:**
Chemical description: Mixture composed of inorganic substances
Components:
Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Chemical name/Classification	Concentration
CAS: 6484-52-2	ammonium nitrate Acute Tox. 5: H303; Eye Irrit. 2A: H319; Ox. Sol. 3: H272 - Warning	30 - <40 %
CAS: 7783-20-2	Ammonium sulphate Acute Tox. 5: H303	1 - <1.5 %
CAS: 10028-22-5	Diiron tris(sulphate) Acute Tox. 4: H302; Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Irrit. 2: H315 - Danger	1 - <1.5 %
CAS: 1303-96-4	Disodium tetraborate decahydrate Acute Tox. 5: H303; Eye Irrit. 2A: H319; Repr. 1B: H360 - Danger	0.01 - <0.3 %
CAS: 7758-99-8	Copper sulfate pentahydrate Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318 - Danger	0.01 - <0.3 %

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

Other information:

Identification	M-factor
Copper sulfate pentahydrate	Acute 10
CAS: 7758-99-8	Chronic 1

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary 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 shower the person affected if necessary 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, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

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/effects, acute and delayed:

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

4.3 Indication of immediate medical attention and special treatment needed, if necessary:

Not applicable (N/A)

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media:

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 Specific hazards arising from the chemical:



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SECTION 5: FIRE-FIGHTING MEASURES (continued)

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 Special protective equipment and precautions for fire-fighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. 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 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 materials for containment and cleaning up:

For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Sweep up and shovel product or 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 dispose of using safe methods (section 6).

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

Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, manipulation 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

Store in a cool, dry, well-ventilated location

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.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace:

Nuisance dust: Inhalable dust 10 mg/m³ // Respirable dust 4 mg/m³

8.2 Appropriate engineering controls:

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

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection 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, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

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	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.11 mm)	The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin. Use gloves in accordance with manufacturer's use limitations and OSHA standard 1910.138 (29CFR)

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	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. Use this PPE in accordance with manufacturer's use limitations and OSHA standard 1910.133 (29CFR)

E.- Bodily protection

Pictogram	PPE	Remarks
	Work clothing	Replace before any evidence of deterioration.
	Anti-slip work shoes	Replace before any evidence of deterioration.

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

40 CFR Part 59 (VOC):

V.O.C.(weight-percent): 0 % weight



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

V.O.C. at 68 °F: 0 kg/m³ (0 g/L)

California Air Resources Board (CARB) - VOC Regulatory:

V.O.C.(weight-percent): 0 % weight

V.O.C. at 68 °F: 0 kg/m³ (0 g/L)

South Coast Air Quality Management District (AQMD) - VOC Regulatory:

V.O.C.(weight-percent): 0 % weight

V.O.C. at 68 °F: 0 kg/m³ (0 g/L)

Ozone Transport Commission (OTC) Rules - VOC Regulatory:

V.O.C.(weight-percent): 0 % weight

V.O.C. at 68 °F: 0 kg/m³ (0 g/L)

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 68 °F:	Solid
Appearance:	Not available
Color:	Not available
Odor:	Not available
Odour threshold:	Not applicable (N/A) *

Volatility:

Boiling point at atmospheric pressure:	Not applicable (N/A) *
Vapour pressure at 68 °F:	Not applicable (N/A) *
Vapour pressure at 122 °F:	Not applicable (N/A) *
Evaporation rate at 68 °F:	Not applicable (N/A) *

Product description:

Density at 68 °F:	Not applicable (N/A) *
Relative density at 68 °F:	Not applicable (N/A) *
Dynamic viscosity at 68 °F:	Not applicable (N/A) *
Kinematic viscosity at 68 °F:	Not applicable (N/A) *
Kinematic viscosity at 104 °F:	Not applicable (N/A) *
Concentration:	Not applicable (N/A) *
pH:	Not applicable (N/A) *
Vapour density at 68 °F:	Not applicable (N/A) *
Partition coefficient n-octanol/water 68 °F:	Not applicable (N/A) *
Solubility in water at 68 °F:	Not applicable (N/A) *
Solubility properties:	Not applicable (N/A) *
Decomposition temperature:	Not applicable (N/A) *
Melting point/freezing point:	Not applicable (N/A) *

Flammability:

Flash Point:	Non-applicable
Flammability (solid, gas):	Not applicable (N/A) *
Autoignition temperature:	Not applicable (N/A) *
Lower flammability limit:	Not applicable (N/A) *

*Not applicable (N/A) due to the nature of the product, not providing information property of its hazards.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Upper flammability limit: Not applicable (N/A) *

Explosive (Solid):

Lower explosive limit: Not applicable (N/A) *

Upper explosive limit: Not applicable (N/A) *

Particle characteristics:

Median equivalent diameter: Not applicable (N/A) *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties: Not applicable (N/A) *

Oxidising properties: Not applicable (N/A) *

Corrosive to metals: Not applicable (N/A) *

Heat of combustion: Not applicable (N/A) *

Aerosols-total percentage (by mass) of flammable components: Not applicable (N/A) *

Other safety characteristics:

Surface tension at 68 °F: Not applicable (N/A) *

Refraction index: Not applicable (N/A) *

*Not applicable (N/A) 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 from Safety Data Sheet.

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 it could be released: Mixture composed of inorganic substances.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

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 recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):



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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: Not applicable (N/A)
- 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:

Not applicable (N/A)

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
ammonium nitrate CAS: 6484-52-2	LD50 oral	2217 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation	>5 mg/L	
Ammonium sulphate CAS: 7783-20-2	LD50 oral	2840 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation	>5 mg/L	
Diiron tris(sulphate) CAS: 10028-22-5	LD50 oral	500 mg/kg (ATEi)	Rat
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation	>5 mg/L	
Disodium tetraborate decahydrate CAS: 1303-96-4	LD50 oral	4500 mg/kg	Rat
	LD50 dermal	10000 mg/kg	Rabbit
	LC50 inhalation	>5 mg/L	



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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
Copper sulfate pentahydrate CAS: 7758-99-8	LD50 oral	481 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation	>5 mg/L	

SECTION 12: ECOLOGICAL INFORMATION

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

Harmful to aquatic life with long lasting effects.

12.1 Ecotoxicity (aquatic and terrestrial, where available):

Acute toxicity:

Identification	Concentration		Species	Genus
ammonium nitrate CAS: 6484-52-2	LC50	5697 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	Not applicable (N/A)		
	EC50	Not applicable (N/A)		
Ammonium sulphate CAS: 7783-20-2	LC50	36.7 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	433 mg/L (50 h)	Daphnia magna	Crustacean
	EC50	Not applicable (N/A)		
Copper sulfate pentahydrate CAS: 7758-99-8	LC50	0.81 mg/L (96 h)	Cyprinus carpio	Fish
	EC50	Not applicable (N/A)		
	EC50	Not applicable (N/A)		

Chronic toxicity:

Identification	Concentration		Species	Genus
Disodium tetraborate decahydrate CAS: 1303-96-4	NOEC	Not applicable (N/A)		
	NOEC	25.9 mg/L	Hyalella azteca	Crustacean

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Ammonium sulphate CAS: 7783-20-2	BCF	
	Pow Log	-5.1
	Potential	

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods:

IT IS THE RESPONSIBILITY OF THE WASTE GENERATOR TO EVALUATE WHETHER HIS WASTES ARE HAZARDOUS BY CHARACTERISTICS OR LISTING.

Waste management (disposal and evaluation):

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

Regulations related to waste management:



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SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to 49 CFR on the Transport of Dangerous Goods:

- 14.1 UN number:**
14.2 UN proper shipping name:
14.3 Transport hazard class(es):
Labels:
14.4 Packing group, if applicable:
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises
Physico-Chemical properties: see section 9
Limited quantities: -
14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable (N/A)

Transport of dangerous goods by sea:

With regard to IMDG 41-22:



- 14.1 UN 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, if applicable: III
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises
Special regulations: 186, 193
EmS Codes: F-H, S-Q
Physico-Chemical properties: see section 9
Limited quantities: 0
Segregation group: SGG2
14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable (N/A)

Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:



- 14.1 UN 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, if applicable: III
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises
Physico-Chemical properties: see section 9
14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable (N/A)



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SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question:

- CALIFORNIA LABOR CODE - The Hazardous Substances List: *Diiron tris(sulphate)* (10028-22-5) ; *Disodium tetraborate decahydrate* (1303-96-4) ; *Copper sulfate pentahydrate* (7758-99-8)
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: Not applicable (N/A)
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: Not applicable (N/A)
- CANADA-Domestic Substances List (DSL): *ammonium nitrate* (6484-52-2) ; *Ammonium dihydrogenorthophosphate* (7722-76-1) ; *Calcium hydrogenorthophosphate* (7757-93-9) ; *Ammonium sulphate* (7783-20-2) ; *Diiron tris(sulphate)* (10028-22-5) ; *Disodium tetraborate decahydrate* (1303-96-4) ; *Urea* (57-13-6)
- CANADA-Non-Domestic Substances List (NDSL): Not applicable (N/A)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: *Diiron tris(sulphate)* (10028-22-5) - 1000 lb ; *Copper sulfate pentahydrate* (7758-99-8) - 1 lb
- Hazardous Air Pollutants (Clean Air Act): Not applicable (N/A)
- Massachusetts RTK - Substance List: *ammonium nitrate* (6484-52-2) ; *Ammonium sulphate* (7783-20-2) ; *Diiron tris(sulphate)* (10028-22-5) ; *Disodium tetraborate decahydrate* (1303-96-4) ; *Copper sulfate pentahydrate* (7758-99-8)
- Minnesota - Hazardous substances ERTK: *Diiron tris(sulphate)* (10028-22-5) ; *Disodium tetraborate decahydrate* (1303-96-4)
- New Jersey Worker and Community Right-to-Know Act: *ammonium nitrate* (6484-52-2) ; *Diiron tris(sulphate)* (10028-22-5) ; *Disodium tetraborate decahydrate* (1303-96-4) ; *Copper sulfate pentahydrate* (7758-99-8)
- New York RTK - Substance list: *ammonium nitrate* (6484-52-2) ; *Ammonium sulphate* (7783-20-2) ; *Diiron tris(sulphate)* (10028-22-5) ; *Disodium tetraborate decahydrate* (1303-96-4) ; *Copper sulfate pentahydrate* (7758-99-8)
- NTP (National Toxicology Program): Not applicable (N/A)
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Not applicable (N/A)
- Pennsylvania Worker and Community Right-to-Know Law: *ammonium nitrate* (6484-52-2) ; *Ammonium sulphate* (7783-20-2) ; *Diiron tris(sulphate)* (10028-22-5) ; *Disodium tetraborate decahydrate* (1303-96-4) ; *Copper sulfate pentahydrate* (7758-99-8)
- Rhode Island - Hazardous substances RTK: *Diiron tris(sulphate)* (10028-22-5) ; *Copper sulfate pentahydrate* (7758-99-8)
- The Toxic Substances Control Act (TSCA) : *ammonium nitrate* (6484-52-2) ; *Ammonium dihydrogenorthophosphate* (7722-76-1) ; *Calcium hydrogenorthophosphate* (7757-93-9) ; *Ammonium sulphate* (7783-20-2) ; *Diiron tris(sulphate)* (10028-22-5) ; *Disodium tetraborate decahydrate* (1303-96-4) ; *Urea* (57-13-6)
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *ammonium nitrate* (6484-52-2) ; *Copper sulfate pentahydrate* (7758-99-8)

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

Other legislation:

Take into consideration other applicable federal, state, and local laws and local regulations.

Fertilizers and amending materials are regulated at the state level rather than by the Federal Government. Please, Use the links below to either visit a specific state's agriculture website, or use the links to view the available state laws and regulations: https://www.aapfco.org/state_info.html. This Safety Data Sheet is not a guarantee of product specification or NPK value(s).

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

Texts of the legislative phrases mentioned in section 2:

H412: Harmful to aquatic life with long lasting effects.

H402: Harmful to aquatic life.

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

29 CFR 1910.1200:

Acute Tox. 4: H302 - Harmful if swallowed.

Acute Tox. 5: H303 - May be 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. 2A: H319 - Causes serious eye irritation.

Met. Corr. 1: H290 - May be corrosive to metals.

Ox. Sol. 3: H272 - May intensify fire, oxidiser.

Repr. 1B: H360 - May damage fertility or the unborn child.

Skin Irrit. 2: H315 - Causes skin irritation.

Advice related to training:



Safety data sheet
according to 29 CFR 1910.1200

Multicote™
Multicote 18-6-12+ME

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SECTION 16: OTHER INFORMATION (continued)

According to 29 CFR 1910. 1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

Principal bibliographical sources:

Occupational Safety & Health Administration (OSHA).

Abbreviations and acronyms:

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

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Manufacturer Disclaimer: The information contained in this safety data sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate; thus, the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the responsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).

END OF SAFETY DATA SHEET