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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Product name : Apex 15-6-12 NPK MAX

Product code : M779584

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

1.3. Details of the supplier of the safety data sheet

JR Simplot Company Boise, ID 83707 T 1-208-336-2110

1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Eye Irrit. 2B H320

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H320 - Causes eye irritation

Precautionary statements (GHS-US) : P264 - Wash ... thoroughly after handling

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
ammonium nitrate	(CAS No) 6484-52-2		Eye Irrit. 2B, H320
potassium sulfate	(CAS No) 7778-80-5		Not classified
Monoammonium Phosphate	(CAS No) 7722-76-1		Eye Irrit. 2B, H320 STOT SE 3, H335
Polymer Coating			Not classified
magnesium sulfate	(CAS No) 7487-88-9		Not classified
edta iron(iii) sodium salt	(CAS No) 15708-41-5		Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Wax	(CAS No) 64771-72-8		Not classified
diatomaceous earth	(CAS No) 61790-53-2		Eye Irrit. 2B, H320 STOT SE 3, H335
manganese(II)sulfate	(CAS No) 7785-87-7		STOT RE 2, H373
copper(II)sulfate	(CAS No) 7758-98-7		Acute Tox. 3 (Oral), H301 Skin Irrit. 2, H315

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Name	Product identifier	%	Classification (GHS-US)
zinc sulfate	(CAS No) 7733-02-0		Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
disodium molybdate	(CAS No) 7631-95-0		Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice

(show the label where possible).

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by

warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from

other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container

closed when not in use.

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Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

edta iron(iii) sodium salt (15708-41-5)		
USA ACGIH	ACGIH TWA (mg/m³)	1 mg/m³

manganese(II)sulfate (7785-87-7)			
USA A	ACGIH	ACGIH TWA (mg/m³)	0.1 mg/m³

disodium molybdate (7631-95-0)		
USA ACGIH	ACGIH TWA (mg/m³)	0.5 mg/m³

8.2. Exposure controls

Relative vapor density at 20 °C

Relative density

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or safety glasses.

Respiratory protection : Wear appropriate mask.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Green granules.

Color Green Odor : characteristic Odor threshold : No data available рΗ No data available Relative evaporation rate (butyl acetate=1) : No data available : No data available Melting point : No data available Freezing point Boiling point : No data available Flash point No data available Auto-ignition temperature : No data available Decomposition temperature : No data available Flammability (solid, gas) : No data available : No data available Vapor pressure

Solubility : Slowly soluble, coating insoluble.

Water: Solubility in water of component(s) of the mixture :

•: 190 g/100ml •: 38 g/100ml •: 11 g/100ml •: 20 g/100ml •: 26 g/100ml •: 52

g/100ml •: > 54 g/100ml •: < 10 g/100ml •:

No data available

: No data available

Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidizing properties : No data available
Explosive limits : No data available

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9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

ATE US (oral)

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Acute toxicity	: Not classified
ammonium nitrate (6484-52-2)	
LD50 oral rat	4820 mg/kg (Rat)
LD50 dermal rabbit	> 3000 mg/kg (Rabbit)
ATE US (oral)	4820.00000000 mg/kg body weight
Monoammonium Phosphate (7722-76-1)	
LD50 oral rat	5750 mg/kg (Rat)
LD50 dermal rat	> mg/kg
LD50 dermal rabbit	> 7940 mg/kg (Rabbit)
ATE US (oral)	5750.00000000 mg/kg body weight
potassium sulfate (7778-80-5)	
LD50 oral rat	6600 mg/kg (Rat)
ATE US (oral)	6600.00000000 mg/kg body weight
magnesium sulfate (7487-88-9)	
LD50 oral rat	> 4000 mg/kg (Rat)
LD50 dermal rat	> 2000 mg/kg (Rat)
copper(II)sulfate (7758-98-7)	
LD50 oral rat	300 mg/kg (Rat)
LD50 dermal rabbit	> 1000 mg/kg (Rabbit)
ATE US (oral)	300.0000000 mg/kg body weight
edta iron(iii) sodium salt (15708-41-5)	
LD50 oral rat	5000 mg/kg (Rat)
ATE US (oral)	5000.00000000 mg/kg body weight
manganese(II)sulfate (7785-87-7)	
LD50 oral rat	2150 mg/kg (Rat; Experimental value)
ATE US (oral)	2150.00000000 mg/kg body weight
disodium molybdate (7631-95-0)	
LD50 oral rat	4000 mg/kg (Rat)
LD50 dermal rat	> 2000 mg/kg (Rat)
LC50 inhalation rat (mg/l)	> 2.1 mg/l/4h (Rat; >584 mg/l/4h; Rat)

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4000.00000000 mg/kg body weight

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zinc sulfate (7733-02-0)	
LD50 oral rat	1000 - 2000 mg/kg (Rat)
ATE US (oral)	1000.00000000 mg/kg body weight
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
	Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified

diatomaceous earth (61790-53-2)	
IARC group	3 - Not classifiable
Reproductive toxicity	Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated : Not classified

exposure) Based on available data, the classification criteria are not met

Aspiration hazard

Based on available data, the classification criteria are not met

Potential Adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

Toxicity

ammonium nitrate (6484-52-2)	
LC50 fish 1	74 mg/l (48 h; Cyprinus carpio; Lethal)
EC50 Daphnia 1	555 mg/l (Daphnia magna)
LC50 fish 2	800 mg/l (3.9 h; Pisces)
TLM fish 1	100 - 1000,96 h; Pisces
TLM other aquatic organisms 1	100 - 1000,96 h
Threshold limit algae 1	83 mg/l (Scenedesmus quadricauda; Growth rate)

Monoammonium Phosphate (7722-76-1) LC50 fish 1 155 ppm (96 h; Pimephales promelas)

potassium sulfate (7778-80-5)	
LC50 fish 1	1692.4 mg/l (96 h; Alburnus alburnus)
LC50 other aquatic organisms 1	> 1000 mg/l (96 h)
EC50 Daphnia 1	890 mg/l (48 h; Daphnia magna; Static system)
LC50 fish 2	653 - 796 mg/l (96 h; Lepomis macrochirus)
EC50 Daphnia 2	1180 mg/l (96 h; Crustacea)
TLM fish 1	3550 ppm (96 h; Lepomis sp.)
Threshold limit other aquatic organisms 1	> 1000 mg/l (96 h)
Threshold limit algae 1	2900 mg/l (72 h; Scenedesmus subspicatus)

magnesium sulfate (7487-88-9)	
LC50 fish 1	14000 mg/l (48 h; Leuciscus idus)
EC50 Daphnia 1	1700 mg/l (24 h; Daphnia magna)
LC50 fish 2	15500 mg/l (96 h; Gambusia affinis)
Threshold limit other aquatic organisms 1	27.4 g/l (0.5 h; Photobacterium phosphoreum)
Threshold limit algae 2	220 mg/l (72 h; Scenedesmus subspicatus; Biomass)

copper(II)sulfate (7758-98-7)	
LC50 fish 1	0.0199 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Soft water)
EC50 Daphnia 1	0.01 mg/l (48 h; Daphnia magna; Soft water)
LC50 fish 2	0.298 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Hard water)

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copper(II)sulfate (7758-98-7)	coroning to Federal Negister / Vol. 77, No. 307 Monday, Walch 20, 2012 / Notes and Negulations	
EC50 Daphnia 2	0.2 mg/l (48 h; Daphnia magna; Hard water)	
TLM fish 1	3.8 ppm 24 h; Salmo gairdneri (Oncorhynchus mykiss)	
Threshold limit algae 2	1.1 mg/l (Scenedesmus quadricauda)	
	1.1 mg/ (Occileacismas quadreadda)	
edta iron(iii) sodium salt (15708-41-5)		
LC50 fish 1	2592 mg/l (96 h; Pisces)	
manganese(II)sulfate (7785-87-7)		
LC50 fish 1	2850 mg/l (96 h; Colisa fasciatus; Manganese ion)	
EC50 Daphnia 1	8.28 mg/l (48 h; Daphnia magna)	
LC50 fish 2	33.8 mg/l (96 h; Pimephales promelas)	
EC50 Daphnia 2	10 mg/l (24 h; Daphnia magna)	
Threshold limit algae 1	25.7 mg/l (Phaeodactylum; Growth)	
Threshold limit algae 2	61 mg/l (72 h; Desmodesmus subspicatus; GLP)	
disodium molybdate (7631-95-0)		
LC50 fish 1	> 1000 mg/l (96 h; Oncorhynchus kisutch; Dihydrate)	
EC50 Daphnia 1	330 mg/l (48 h; Daphnia magna; Dihydrate)	
LC50 fish 2	7600 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)	
Threshold limit algae 1	4.6 mg/l (72 h; Selenastrum capricornutum; Nominal concentration)	
Threshold limit algae 2	12.5 mg/l (72 h; Scenedesmus subspicatus; Dihydrate)	
zinc sulfate (7733-02-0)		
LC50 fish 1	1.7 mg/l (96 h; Poecilia reticulata)	
EC50 Daphnia 1	1 mg/l (24 h; Daphnia magna)	
LC50 fish 2	2.4 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)	
EC50 Daphnia 2	0.56 mg/l (48 h; Daphnia magna)	
Threshold limit algae 1	136 μg/l (72 h; Selenastrum capricornutum; Growth rate)	
Threshold limit algae 2	24 µg/l (3 days; Selenastrum capricornutum; Growth rate)	
•		
12.2. Persistence and degradability		
Amon 45 C 40 NDV MAY		
Apex 15-6-12 NPK MAX	Net established	
Apex 15-6-12 NPK MAX Persistence and degradability	Not established.	
-	Not established.	
Persistence and degradability	Not established. Biodegradable in water. Biodegradable in the soil. Not established.	
Persistence and degradability ammonium nitrate (6484-52-2) Persistence and degradability		
Persistence and degradability ammonium nitrate (6484-52-2) Persistence and degradability Monoammonium Phosphate (7722-76-1)	Biodegradable in water. Biodegradable in the soil. Not established.	
Persistence and degradability ammonium nitrate (6484-52-2) Persistence and degradability Monoammonium Phosphate (7722-76-1) Persistence and degradability		
Persistence and degradability ammonium nitrate (6484-52-2) Persistence and degradability Monoammonium Phosphate (7722-76-1) Persistence and degradability potassium sulfate (7778-80-5)	Biodegradable in water. Biodegradable in the soil. Not established. Biodegradability in water: no data available. Not established.	
Persistence and degradability ammonium nitrate (6484-52-2) Persistence and degradability Monoammonium Phosphate (7722-76-1) Persistence and degradability potassium sulfate (7778-80-5) Persistence and degradability	Biodegradable in water. Biodegradable in the soil. Not established. Biodegradability in water: no data available. Not established. Biodegradability: not applicable. Not established.	
Persistence and degradability ammonium nitrate (6484-52-2) Persistence and degradability Monoammonium Phosphate (7722-76-1) Persistence and degradability potassium sulfate (7778-80-5) Persistence and degradability Biochemical oxygen demand (BOD)	Biodegradable in water. Biodegradable in the soil. Not established. Biodegradability in water: no data available. Not established. Biodegradability: not applicable. Not established. Not applicable	
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Persistence and degradability ammonium nitrate (6484-52-2) Persistence and degradability Monoammonium Phosphate (7722-76-1) Persistence and degradability potassium sulfate (7778-80-5) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) magnesium sulfate (7487-88-9) Persistence and degradability	Biodegradable in water. Biodegradable in the soil. Not established. Biodegradability in water: no data available. Not established. Biodegradability: not applicable. Not established. Not applicable Not applicable Not applicable Not applicable Biodegradability: not applicable. Not established.	
Persistence and degradability ammonium nitrate (6484-52-2) Persistence and degradability Monoammonium Phosphate (7722-76-1) Persistence and degradability potassium sulfate (7778-80-5) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) magnesium sulfate (7487-88-9) Persistence and degradability Biochemical oxygen demand (BOD)	Biodegradable in water. Biodegradable in the soil. Not established. Biodegradability in water: no data available. Not established. Biodegradability: not applicable. Not established. Not applicable Not applicable Not applicable Not applicable Biodegradability: not applicable. Not established. Not applicable Not applicable	
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Persistence and degradability ammonium nitrate (6484-52-2) Persistence and degradability Monoammonium Phosphate (7722-76-1) Persistence and degradability potassium sulfate (7778-80-5) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) magnesium sulfate (7487-88-9) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) Copper(II) sulfate (7758-98-7) Persistence and degradability	Biodegradable in water. Biodegradable in the soil. Not established. Biodegradability in water: no data available. Not established. Biodegradability: not applicable. Not established. Not applicable	
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edta iron(iii) sodium salt (15708-41-5)	
Persistence and degradability	Biodegradable in water. Not established.
manganese(II)sulfate (7785-87-7)	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available. May
,	cause long-term adverse effects in the environment.
ThOD	Not applicable (inorganic)
disodium molybdate (7631-95-0)	
Persistence and degradability	Biodegradability: not applicable. Photolysis in water. Not established.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
zinc sulfate (7733-02-0)	
Persistence and degradability	Biodegradability: not applicable. Not established.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
Wax (64771-72-8)	
Persistence and degradability	Not established.
diatomaceous earth (61790-53-2) Persistence and degradability	Biodegradability: not applicable. Not established.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
12.3. Bioaccumulative potential	
Apex 15-6-12 NPK MAX	
Bioaccumulative potential	Not established.
'	Not established.
ammonium nitrate (6484-52-2)	
Log Pow	-3.1
Bioaccumulative potential	Bioaccumulation: not applicable. Not established.
Monoammonium Phosphate (7722-76-1)	
Bioaccumulative potential	Not bioaccumulative. Not established.
potassium sulfate (7778-80-5)	
Bioaccumulative potential	Not bioaccumulative. Not established.
magnesium sulfate (7487-88-9)	
Bioaccumulative potential	No bioaccumulation data available. Not established.
copper(II)sulfate (7758-98-7)	
Diagona mulativa natantial	Disaggumahla
Bioaccumulative potential	Bioaccumable.
edta iron(iii) sodium salt (15708-41-5)	
edta iron(iii) sodium salt (15708-41-5) Log Pow	-10.6
edta iron(iii) sodium salt (15708-41-5)	
edta iron(iii) sodium salt (15708-41-5) Log Pow	-10.6
edta iron(iii) sodium salt (15708-41-5) Log Pow Bioaccumulative potential	-10.6
edta iron(iii) sodium salt (15708-41-5) Log Pow Bioaccumulative potential manganese(II)sulfate (7785-87-7) Bioaccumulative potential	-10.6 Bioaccumulation: not applicable. Not established.
edta iron(iii) sodium salt (15708-41-5) Log Pow Bioaccumulative potential manganese(II)sulfate (7785-87-7)	-10.6 Bioaccumulation: not applicable. Not established. No bioaccumulation data available. Not established.
edta iron(iii) sodium salt (15708-41-5) Log Pow Bioaccumulative potential manganese(II)sulfate (7785-87-7) Bioaccumulative potential disodium molybdate (7631-95-0)	-10.6 Bioaccumulation: not applicable. Not established.
edta iron(iii) sodium salt (15708-41-5) Log Pow Bioaccumulative potential manganese(II)sulfate (7785-87-7) Bioaccumulative potential disodium molybdate (7631-95-0) BCF fish 1	-10.6 Bioaccumulation: not applicable. Not established. No bioaccumulation data available. Not established. 4.9 (28 days; Oncorhynchus tshawytscha)

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zinc sulfate (7733-02-0)	
BCF fish 1	59 - 242 (Cyprinus carpio; Test duration: 8 weeks)
Bioaccumulative potential	Bioaccumable. Not established.
Wax (64771-72-8)	
Bioaccumulative potential	Not established.
diatomaceous earth (61790-53-2)	
Bioaccumulative potential	No bioaccumulation data available. Not established.

12.4. Mobility in soil

copper(II)sulfate (7758-98-7)	
Ecology - soil	Toxic to flora.

12.5. Other adverse effects

Effect on ozone layer : No additional information available

Effect on the global warming : No known ecological damage caused by this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT Not regulated for transport

Additional information

Other information : No supplementary information available.

ADR

Transport document description

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed on the Toxic Substances Control Act (TSCA) inventory except for:

Polymer Coating	CAS No

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

copper(II)sulfate (7758-98-7)	
Listed on United States SARA Section 313	
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	10 lb
zinc sulfate (7733-02-0)	
Listed on United States SARA Section 313	
RQ (Reportable quantity, section 304 of EPA's	1000 lb

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15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

ammonium nitrate (6484-52-2)

U.S. - New Jersey - Right to Know Hazardous Substance List

copper(II)sulfate (7758-98-7)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

zinc sulfate (7733-02-0)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

diatomaceous earth (61790-53-2)

U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

:

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending

Regulation (EC) No 1907/2006.

Other information : None.

Full text of H-phrases: see section 16:

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H301	Toxic if swallowed
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure

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SDS US (GHS HazCom 2012)

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