Super Rainbow® Plant Food 3-9-18

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision date: 3/11/2025 Supersedes: 12/22/2021 Version: 2.8

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Super Rainbow® Plant Food 3-9-18
Product code : I000005; I000006

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Fertilizer
Recommended use : Fertilizers

1.3. Supplier

Rainbow Fertilizer LLC, a division of TIMAC AGRO USA, Inc.
1011 Oak Avenue
Americus, GA 31709, Georgia 31719
USA
T 1-800-763-0334
www.rainbowplantfood.com

1.4. Emergency telephone number

Country/Area	Organization/Company	Address	Emergency number	Comment
Americas	3E		+1-760-476-3962 (Access code : 333021)	(24/7)
USA	USA POISON CONTROL CENTER (24h/7d)		1-800-222-1222	

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Reproductive toxicity Category 2 H361 Suspected of damaging fertility or the unborn child
Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Warning
Hazard statements (GHS US) : H361 - Suspected of damaging fertility or the unborn child
Precautionary statements (GHS US) : P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P501 - Dispose of contents/container to a hazardous or special waste collection point.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Common Name (Synonyms)	Product identifier	%	GHS US classification
Potassium chloride		CAS-No.: 7447-40-7	10 – 25	Not classified
Calcium carbonate		CAS-No.: 1317-65-3	10 – 25	Not classified
Calcium sulphate, dihydrate		CAS-No.: 10101-41-4	5 – 10	Not classified
Manganese oxide		CAS-No.: 1344-43-0	1 – 5	Not classified
Calcium hydrogen orthophosphate		CAS-No.: 7757-93-9	1 – 5	Not classified
Calcium sulphate, anhydrous		CAS-No.: 7778-18-9	1 – 5	Not classified
disodium tetraborate pentahydrate, borax pentahydrate		CAS-No.: 1330-43-4	< 1	Eye Irrit. 2A, H319 Repr. 2, H361
Colemanite		CAS-No.: 1318-33-8	< 1	Repr. 2, H361

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center/doctor/physician if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Seek medical attention if ill effect develops.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If case of redness or irritation, call a doctor.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting without medical advice. Seek medical attention if ill effect develops.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : see section(s) : 2.1/2.3).

Symptoms/effects after inhalation : Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.

Symptoms/effects after ingestion : None under normal conditions.

Chronic symptoms : Suspected of damaging fertility. Suspected of damaging the unborn child.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	:	water, carbon dioxide (CO2), powder and foam. Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam.
Unsuitable extinguishing media	:	None known.

5.2. Specific hazards arising from the chemical

Fire hazard	:	Not flammable. Non oxidizing material.
Explosion hazard	:	No direct explosion hazard.
Hazardous decomposition products in case of fire	:	Thermal decomposition generates : fume. Carbon oxides (CO, CO2). Potassium oxides. Phosphorus oxides. Nitrogen oxides. Sulphur oxides. Metal oxides.

5.3. Special protective equipment and precautions for fire-fighters

Precautionary measures fire	:	Evacuate area. Eliminate all ignition sources if safe to do so.
Firefighting instructions	:	Contain the extinguishing fluids by bunding. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Complete protective clothing. EN 469. Self-contained breathing apparatus.
Other information	:	Relevant water authorities should be notified of any large spillage to water course or drain.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	Evacuate area. Notify authorities if product enters sewers or public waters.

6.1.1. For non-emergency personnel

Protective equipment	:	Wear recommended personal protective equipment.
Emergency procedures	:	Do not breathe dust. Mechanically ventilate the spillage area. Only qualified personnel equipped with suitable protective equipment may intervene.

6.1.2. For emergency responders

Protective equipment	:	For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Ventilate area. Dike and contain spill. Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	:	Collect spillage.
Methods for cleaning up	:	Mechanically recover the product. Minimize generation of dust. Gather the product and place it in a spare container that has been suitably labeled.
Other information	:	Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Ensure good ventilation of the work station. Do not breathe dust. Avoid contact with skin and eyes.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.
Storage conditions : Store in dry, cool, well-ventilated area. Protect from moisture. Keep out of reach of children.
Incompatible products : Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity.
Storage temperature : Store at ambient temperature
Information on mixed storage : Keep away from food, drink and animal feeding stuffs.
Special rules on packaging : Keep only in original container. Store in a closed container.
Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Potassium chloride (7447-40-7)	
USA - OSHA - Occupational Exposure Limits	
Local name	Total Dust (Inert or Nuisance Dust)
OSHA PEL TWA	10 mg/m³ (dust)
	50 mppcf
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts

Manganese oxide (1344-43-0)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	5 ppm

Calcium sulphate, dihydrate (10101-41-4)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Calcium sulfate, the diihydrate
ACGIH OEL TWA	10 mg/m³ (I - Inhalable particulate matter)
Remark (ACGIH)	TLV® Basis: Nasal symptoms
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Calcium sulfate
OSHA PEL TWA	15 mg/m³ (Total dust) 5 mg/m³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

disodium tetraborate pentahydrate, borax pentahydrate (1330-43-4)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Sodium tetraborate, anhydrate
ACGIH OEL TWA	2 mg/m³ (I - Inhalable particulate matter)
ACGIH OEL STEL	6 mg/m³ (I - Inhalable particulate matter)
Remark (ACGIH)	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)

disodium tetraborate pentahydrate, borax pentahydrate (1330-43-4)	
Regulatory reference	ACGIH 2024

Colemanite (1318-33-8)	
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	10 mg/m³

Calcium carbonate (1317-65-3)	
USA - OSHA - Occupational Exposure Limits	
Local name	Calcium Carbonate (Limestone; Marble)
OSHA PEL TWA	15 mg/m³ (Total dust) 5 mg/m³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

Calcium sulphate, anhydrous (7778-18-9)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Calcium sulfate, the anhydrate
ACGIH OEL TWA	10 mg/m³ (I - Inhalable particulate matter)
Remark (ACGIH)	TLV® Basis: Nasal symptoms
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Calcium sulfate
OSHA PEL TWA	15 mg/m³ (Total dust) 5 mg/m³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

Calcium hydrogen orthophosphate (7757-93-9)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	10 mg/m³ Total Dust, including Micro Dust

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Local exhaust and general ventilation must be adequate to meet exposure standards.

Environmental exposure controls : Assure that emissions are compliant with all applicable air pollution control regulations. Comply with applicable regulations. Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:
Wear recommended personal protective equipment.

Hand protection:
Protective gloves

Eye protection:		
Safety glasses with side guards should be worn to prevent injury from airborne particles and/or other eye contact with this product. Safety glasses		
Type	**Field of application**	**Characteristics**
Safety goggles	Dust	With side shields

Skin and body protection:
Protective clothing
Type
Gloves

Respiratory protection:		
Where excessive dust may result, wear approved mask		
Device	**Filter type**	**Condition**
Dust mask	Type P2	Dust protection

Personal protective equipment symbol(s):

Other information:

See Heading 7 : 7.1. Precautions for safe handling.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid
Appearance	:	Granulate.
Color	:	Gray
Odor	:	Odorless
Odor threshold	:	No data available
pH	:	6
pH solution concentration	:	10 %
Melting point	:	No data available
Freezing point	:	Not applicable
Boiling point	:	No data available
Flash point	:	Not applicable
Relative evaporation rate (butyl acetate=1)	:	No data available
Flammability (solid, gas)	:	In case of excessive dust production : Dust may form flammable and explosive mixture with air.
Vapor pressure	:	No data available
Relative vapor density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	Soluble.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	No data available
Viscosity, kinematic	:	Not applicable
Viscosity, dynamic	:	No data available
Explosion limits	:	Not applicable
Explosive properties	:	Product is not explosive.
Oxidizing properties	:	Non oxidizing material.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under use and storage conditions as recommended in section 7.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. In case of fire: See Heading 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)
Additional information : No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation

Potassium chloride (7447-40-7)	
LD50 oral rat	2600 mg/kg body weight Safety Data Sheet Supplier
ATE US (oral)	2600 mg/kg body weight

Manganese oxide (1344-43-0)	
LD50 oral rat	> 2000 mg/kg (OECD 420 method)
LC50 Inhalation - Rat	> 5.35 mg/l (OECD 403 method)

Calcium sulphate, dihydrate (10101-41-4)	
LD50 oral rat	> 1581 mg/kg body weight (OECD 420 method)
LC50 Inhalation - Rat	> 2.61 mg/l (OECD 403 method)

disodium tetraborate pentahydrate, borax pentahydrate (1330-43-4)	
LD50 oral rat	3200 – 3400 mg/kg body weight EPA (Environmental Protection Agency)
LD50 dermal rabbit	> 2000 mg/kg body weight EPA (Environmental Protection Agency)
LC50 Inhalation - Rat	> 2 mg/l (OECD 403 method)
ATE US (oral)	3200 mg/kg body weight
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Calcium sulphate, anhydrous (7778-18-9)	
LD50 oral rat	> 1581 mg/kg body weight (OECD 420 method)
LC50 Inhalation - Rat	> 2.61 mg/l (OECD 403 method)

Calcium hydrogen orthophosphate (7757-93-9)	
LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rabbit	> 7940 mg/kg body weight
LC50 Inhalation - Rat (Dust/Mist)	> 2.6 mg/l/4h

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: 6

disodium tetraborate pentahydrate, borax pentahydrate (1330-43-4)	
pH	9.3

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: 6

disodium tetraborate pentahydrate, borax pentahydrate (1330-43-4)	
pH	9.3

Respiratory or skin sensitization : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified

Viscosity, kinematic : Not applicable

Symptoms/effects : see section(s) : 2.1/2.3).

Symptoms/effects after inhalation : Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.

Symptoms/effects after ingestion : None under normal conditions.

Chronic symptoms : Suspected of damaging fertility. Suspected of damaging the unborn child.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Ecology - water : Do not allow large quantities, as are, to spread into the environment. Do not discharge into drains or rivers.

Potassium chloride (7447-40-7)	
LC50 - Fish [1]	96h 2010 mg/l Lepomis macrocirhus
EC50 - Crustacea [2]	337 – 825 mg/l
<tx	_T_00453> : <tx:_SDS> <tx:_T_02045>

Calcium sulphate, dihydrate (10101-41-4)	
LC50 - Fish [1]	> 1970 mg/l Pimephales promelas
EC50 - Crustacea [1]	> 79 mg/l daphnia, (OECD 202 method)
ErC50 algae	> 79 mg/l Selenastrum capricornutum, (OECD 201 method)

disodium tetraborate pentahydrate, borax pentahydrate (1330-43-4)	
LC50 - Fish [1]	96h - 74 mg/l Dab, Limanda limanda
EC50 - Crustacea [1]	24h - 242 mg/l Daphnids, Daphnia magna Straus
NOEC (chronic)	32d 11.2 mg/l EPA OPPTS 850.1400
LC50	88 mg/l (24 days)

Colemanite (1318-33-8)	
LC50 - Fish [1]	B 178 mg/l Carassius auratus (goldfish)
EC50 - Crustacea [1]	B 133 mg/l
NOEC chronic fish	B 26.5 mg/l Carassius auratus (goldfish)
NOEC chronic crustacea	B > 6 mg/l

Calcium sulphate, anhydrous (7778-18-9)	
LC50 - Fish [1]	> 1970 mg/l Pimephales promelas
EC50 - Crustacea [1]	> 79 mg/l daphnia, (OECD 202 method)
ErC50 algae	> 79 mg/l Selenastrum capricornutum, (OECD 201 method)

Calcium hydrogen orthophosphate (7757-93-9)	
LC50 - Fish [1]	> 13.5 mg/l (OECD 203 method)
EC50 - Crustacea [1]	> 2.9 mg/l (OECD 202 method)
EC50 72h - Algae [1]	> 4.4 mg/l (OECD 201 method)

12.2. Persistence and degradability

Super Rainbow® Plant Food 3-9-18	
Persistence and degradability	Not established.

Potassium chloride (7447-40-7)	
Persistence and degradability	Rapidly degradable

Manganese oxide (1344-43-0)	
Persistence and degradability	Not established, Not relevant.

Calcium sulphate, dihydrate (10101-41-4)	
Persistence and degradability	Not established.

disodium tetraborate pentahydrate, borax pentahydrate (1330-43-4)	
Persistence and degradability	Rapidly degradable

Colemanite (1318-33-8)	
Persistence and degradability	Rapidly degradable

Calcium carbonate (1317-65-3)	
Persistence and degradability	Not established.

Calcium sulphate, anhydrous (7778-18-9)	
Persistence and degradability	Not established.

Calcium hydrogen orthophosphate (7757-93-9)	
Persistence and degradability	Not applicable (inorganic substance).

12.3. Bioaccumulative potential

Super Rainbow® Plant Food 3-9-18	
Bioaccumulative potential	Not established.

Potassium chloride (7447-40-7)	
Partition coefficient n-octanol/water (Log Pow)	Not applicable
Partition coefficient n-octanol/water (Log Kow)	Not applicable
Bioaccumulative potential	Low bioaccumulation potential. Data sources : Safety Data Sheet Supplier.

Manganese oxide (1344-43-0)	
Bioaccumulative potential	Not established. Not relevant.

Calcium sulphate, dihydrate (10101-41-4)	
Bioaccumulative potential	Bioaccumulation unlikely.

Colemanite (1318-33-8)	
Bioaccumulative potential	Not potentially bioaccumulable.

Calcium carbonate (1317-65-3)	
Bioaccumulative potential	Not established.

Calcium sulphate, anhydrous (7778-18-9)	
Bioaccumulative potential	Bioaccumulation unlikely.

Calcium hydrogen orthophosphate (7757-93-9)	
Bioaccumulative potential	Bioaccumulation unlikely.

12.4. Mobility in soil

Potassium chloride (7447-40-7)	
Ecology - soil	Low mobility (soil). Safety Data Sheet Supplier.

Calcium sulphate, dihydrate (10101-41-4)	
Ecology - soil	Small adsorption.

Colemanite (1318-33-8)	
Ecology - soil	Low mobility (soil). Poorly soluble in water.

Calcium sulphate, anhydrous (7778-18-9)	
Ecology - soil	Small adsorption.

Calcium hydrogen orthophosphate (7757-93-9)	
Ecology - soil	No additional information available. Soluble in water.

12.5. Other adverse effects

Other adverse effects : May cause eutrophication at very low concentration.

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation	:	Disposal must be done according to official regulations.
Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	:	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	:	Discharging into rivers and drains is forbidden. Disposal must be done according to official regulations.
Additional information	:	Do not re-use empty containers.

SECTION 14: Transport information

In accordance with DOT / TMD / IMDG / IATA

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (DOT)	:	Not regulated
Proper Shipping Name (TDG)	:	Not regulated
Proper Shipping Name (IMDG)	:	Not regulated
Proper Shipping Name (IATA)	:	Not regulated

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not regulated

TDG

Transport hazard class(es) (TDG) : Not regulated

IMDG

Transport hazard class(es) (IMDG) : Not regulated

IATA

Transport hazard class(es) (IATA) : Not regulated

14.4. Packing group

Packing group (DOT)	:	Not regulated
Packing group (TDG)	:	Not regulated
Packing group (IMDG)	:	Not regulated
Packing group (IATA)	:	Not regulated

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT

Not regulated

TDG

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Potassium chloride	7447-40-7	Present	Active	
Manganese oxide	1344-43-0	Present	Active	
Calcium sulphate, dihydrate	10101-41-4	Present	Active	
disodium tetraborate pentahydrate, borax pentahydrate	1330-43-4	Present	Active	
Colemanite	1318-33-8	Present	Active	
Calcium carbonate	1317-65-3	Present	Active	
Calcium sulphate, anhydrous	7778-18-9	Present	Active	
Calcium hydrogen orthophosphate	7757-93-9	Present	Active	

15.2. International regulations

CANADA

Potassium chloride (7447-40-7)

Listed on the Canadian DSL (Domestic Substances List)

Manganese oxide (1344-43-0)

Listed on the Canadian DSL (Domestic Substances List)

Calcium sulphate, dihydrate (10101-41-4)

Listed on the Canadian DSL (Domestic Substances List)

Colemanite (1318-33-8)

Listed on the Canadian NDSL (Non-Domestic Substances List)

Calcium carbonate (1317-65-3)

Listed on the Canadian NDSL (Non-Domestic Substances List)

Calcium sulphate, anhydrous (7778-18-9)

Listed on the Canadian DSL (Domestic Substances List)

Calcium hydrogen orthophosphate (7757-93-9)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Calcium hydrogen orthophosphate (7757-93-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Super Rainbow® Plant Food 3-9-18

Ensure all national/local regulations are observed

Manganese oxide (1344-43-0)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Calcium carbonate (1317-65-3)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Calcium hydrogen orthophosphate (7757-93-9)

Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)

15.3. US State regulations

No additional information available

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 3/11/2025

Data sources : Section 1.2, 8.1, 11 & 12 are based on components' Chemical Safety Report and/or datas from components' supplie.

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of hazard classes and H-statements	
H319	Causes serious eye irritation
H361	Suspected of damaging fertility or the unborn child

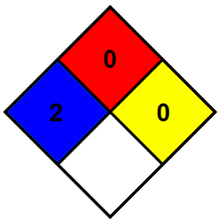
Abbreviations and acronyms	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
LC50	Median lethal concentration
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level

Abbreviations and acronyms	
EC50	Median effective concentration
SDS	Safety Data Sheet
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organization for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
STP	Sewage treatment plant
vPvB	Very Persistent and Very Bioaccumulative

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 0 Minimal Hazard - Materials that will not burn

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal protection : E - Safety glasses, Gloves, Dust respirator

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.