SchlixX

Safety Data Sheet

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Date of issue: 04/10/2024 Revision date: - Version/Replaced version: 1.0/-

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture

Product name : SchlixX

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

Use of the substance/mixture : Pond care

1.3. Details of the supplier of the safety data sheet

Manufacturer/Distributor
Oase
125 Lena Dr. Aurora
Ohio 44202 - US
www.atlantic-oase.com
info@atlantic-oase.com

Safety Data Sheet: DLAC Dienstleistungsagentur Chemie GmbH, E-mail: sds@dlac-gmbh.de

1.4. Emergency telephone number

24-hour emergency contact number : ChemTrec, 2900 Fairview Park Dr., Falls Church, VA 22042; 800-262-8200

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification in accordance with paragraph (d) of § 1910.1200

Serious eye damage/eye irritation, Category 1 H318

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labelling in accordance with paragraph (f) of § 1910.1200

Hazard pictograms (GHS-US) :

GHS05

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H318 - Causes serious eye damage.

Precautionary statements (GHS-US) : P280 - Wear eye protection/face protection.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a poison center/doctor.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US Classification in accordance with paragraph (d) of § 1910.1200
Limestone	(CAS-No.) 1317-65-3	40 - 60	Not classified
Calcium chloride	(CAS-No.) 10043-52-4	10 - 20	Eye Irrit. 2 H319
Reaction mass of calcium carbonate and calcium dihydroxide and calcium peroxide	(CAS-No.) 471-34-1 (CAS-No.) 1305-62-0 (CAS-No.) 78403-22-2	10 - < 20	Ox. Sol. 1, H271 Eye Dam. 1, H318 STOT SE 3, H335

Trade secret claim in accordance with paragraph (i) of § 1910.1200: The exact percentage (concentration) of composition has been withheld as a trade secret.

Full text of H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position. If breathing stops, give artificial respiration.

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Make the affected person rest and keep at warm.

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 : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth. Drink plenty of water as a precaution.

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

Symptoms/injuries after eye contact : Causes serious eye damage.

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

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing agents that suit the environment. Carbon dioxide. Extinguishing powder. Water spray. For a significant fire: Alcohol resistant foam.

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

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide. Toxic gases and vapors.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.

Protection during firefighting : Use a self-contained breathing apparatus and also a protective suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin and eyes.

Emergency procedures : Evacuate the danger area.

Protective equipment : Use personal protective equipment as required. In case of inadequate ventilation wear respiratory protection. For further information refer to heading 8: "Exposure controls/personal protection".

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Avoid dust formation. Shovel or sweep up and put in a closed container for disposal.

For containment : Keep in suitable, closed containers for disposal.

Other information : Dispose of in accordance with relevant local regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

Storage conditions : Store in original container. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Protect from heat and direct sunlight. Protect from moisture.

Prohibitions on mixed storage : Keep away from food, drink and animal feedingstuffs. Keep away from combustible materials. Do not store near acids.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Particulates Not Otherwise Regulated		
ACGIH	Local name	Particles (insoluble or poorly soluble) not otherwise specified
ACGIH	TLV-TWA (mg/m³)	10 mg/m³ (total dust) 3 mg/m³ (respirable fraction)
ACGIH	Remark (ACGIH)	See Appendix B
OSHA	Local name	Particulates Not Otherwise Regulated (PNOR)
OSHA	OSHA PEL (mg/m³)	15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)
Cal/OSHA	Local name	Particulates Not Otherwise Regulated
Cal/OSHA	Cal/OSHA PEL (TWA) (ppm)	10 mg/m³ (total dust) 5 mg/m³ (respirable fraction)

Limestone		
NIOSH	Local name	Calcium Carbonate/Limestone
NIOSH	NIOSH REL (TWA) (mg/m³)	5 mg/m³ (Total dust)
NIOSH	NIOSH REL (TWA) (mg/m³)	5 mg/m³ (Respirable fraction)
OSHA	Local name	Calcium Carbonate/Limestone
OSHA	OSHA PEL (mg/m³)	15 mg/m³ (Total dust)
OSHA	OSHA PEL (mg/m³)	5 mg/m³ (Respirable fraction)
Cal/OSHA	Local name	Calcium Carbonate/Limestone
Cal/OSHA	Cal/OSHA PEL (TWA) (mg/m³)	10 mg/m³ (Total dust)
Cal/OSHA	Cal/OSHA PEL (TWA) (mg/m³)	10 mg/m³ (Respirable fraction)

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize dust concentrations.

8.3. Individual protection measures, such as personal protective equipment

Hand protection : Not required under normal use conditions. If needed, wear suitable gloves. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection : Wear safety glasses.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : No respiratory protection needed under normal use conditions. In case of insufficient ventilation, wear suitable respiratory equipment. Dust production: dust mask with filter type P2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance : Solid, Powder, Beige

Odor : Odorless

Odor threshold : No data available

pH : 10 (1 % aqueous solution)

Melting point/freezing point : No data available

Initial boiling point and boiling range : Not applicable

Flash point : Not applicable

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper/lower flammability or explosive limits : No data available

Vapor pressure : No data available

Vapor density : No data available

Relative density : No data available

Solubility(ies) : Water: soluble

Partition coefficient: n-octanol/water : Not applicable

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity : Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Water and humidity (hygroscopic).

10.5. Incompatible materials

Incompatible with acids.

10.6. Hazardous decomposition products

Decomposes in contact with water, acids. Hazardous decomposition products: Oxygen. Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	:	Not classified
Skin corrosion/irritation	:	Not classified
Serious eye damage/irritation	:	Causes serious eye damage.
Respiratory or skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
Specific target organ toxicity (single exposure)	:	Not classified
Specific target organ toxicity (repeated exposure)	:	Not classified
Aspiration hazard	:	Not classified
Symptoms/injuries after inhalation	:	No adverse effects due to inhalation are expected.
Symptoms/injuries after ingestion	:	No adverse effects due to ingestion are expected.
Symptoms/injuries after skin contact	:	No adverse effects due to skin contact are expected.
Symptoms/injuries after eye contact	:	Causes serious eye damage.

Calcium chloride	
LD50 oral rat	2301 mg/kg
LD50 dermal rabbit	> 5000 mg/kg

Reaction mass of calcium carbonate and calcium dihydroxide and calcium peroxide	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	> 170 mg/m³/4 h

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general	:	To our knowledge, the product does not present any particular risk, under normal conditions of use.
Acute aquatic toxicity	:	Not classified
Chronic aquatic toxicity	:	Not classified

Calcium chloride	
LC50 fish	4630 mg/l 96 h, Pimephales promelas
EC50 crustacea	2400 mg/l 48 h, Daphnia magna
EC50 algae	2900 mg/l 72 h, Raphidocelis subcapitata
NOEC fish	230 mg/l 25 d, Oncorhynchus mykiss
NOEC crustacea	481 mg/l 21 d, Daphnia magna

Reaction mass of calcium carbonate and calcium dihydroxide and calcium peroxide	
LC50 fish	50.6 mg/l 96 h, Oncorhynchus mykiss
EC50 crustacea	6.8 mg/l 48 h, Daphnia magna
EC50 algae	184.57 mg/l 72 h, Raphidocelis subcapitata
NOEC crustacea	0.63 mg/l 21 d, Daphnia magna

Reaction mass of calcium carbonate and calcium dihydroxide and calcium peroxide	
NOEC algae	48 mg/l 72 h, Raphidocelis subcapitata

12.2. Persistence and degradability

The methods for determining biodegradability are not applicable to inorganic substances.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer : No known effect on the ozone layer

Effect on global warming : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Discharging into rivers and drains is forbidden. Do not empty into drains. Dispose of in accordance with relevant local regulations.

Regional legislation (waste) : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

Overland transport in accordance with ADR

Not regulated for transport

Transport by sea in accordance with IMDG

Not regulated for transport

Air transport in accordance with IATA

Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

All substances in this mixture are listed on the United States TSCA (Toxic Substances Control Act) inventory

Active Status: Active

15.2. International regulations

Canada

All substances in this mixture are listed on Canadian DSL (Domestic Sustances List)

EU-Regulations

All substances in this mixture are listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

15.3. US State regulations

California Proposition 65

This product does not contain any substance(s) known to the state of California to cause cancer, developmental toxicity and/or reproductive toxicity.

SECTION 16: Other information, including date of preparation or last revision

Date of Preparation : 04/10/2024

Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
EC50	The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration)
IATA	International Air Transport Association
IMDG	“International Maritime Dangerous Goods Code” for the transport of dangerous goods by sea
LC50	Lethal Concentration to 50 % of a test population (Median Lethal Concentration)
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
NOEC/L	No Observed Effect Concentration/Level
OECD	Organisation for Economic Cooperation and Development
SDS	Safety Data Sheet

Full text of H-phrases:

Eye Dam. 1	Eye Damage/Irritation, Category 1

Eye Irrit. 2	Eye Damage/Irritation, Category 2
Ox. Sol. 1	Oxidizing solids, Category 1
STOT SE 3	Specific target organ toxicity (single exposure)
H271	May cause fire or explosion; strong oxidizer
H318	Causes serious eye damage
H319	Causes serious eye irritation.
H335	May cause respiratory irritation

SDS US (GHS HazCom 2012)

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.