

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : THE CLASS WATER AGING EXTRACT S
company : THE CLASS
Address : 5F, Navi plaza, 228, Bunseong-ro, Gimhae-shi,
Gyeongsangnam-do, KOREA
Telephone : +82 (0)70-7715-9922~3
Fax :
Web site : www.theclasskorea.co.kr
Recommended use of the chemical and restrictions on use
Recommended use : car care

2. HAZARDS IDENTIFICATION

Globally Harmonized System of Classification and Labelling of Chemicals(GHS)

Physical hazard : N/A

Health hazard : N/A

Environment hazrd : Chronic aquatic hazard CATEGORY 2

Label elements including precautionary statements

Symbol :



Signal word :

Hazard statement :

H411: Toxic to aquatic life with long-lasting effects

Precautionary statements :

P273: Avoid release to the environment.

P391: Collect spillage.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Concentration
WATER	7732-18-5	≤80
1-OCTYLTRIETHOXYSILANE	2943-75-1	≤10
Siloxane and silicones	188627-10-3	≤10

4. FIRST AID MEASURES

In case of eye contact



IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

In case of skin contact

IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower].

Get immediate medical attention/advice.

Gently wash with plenty of soap and water.

If inhaled

Do NOT induce vomiting.

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If swallowed

Do NOT induce vomiting.

Get immediate medical attention/advice.

5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : NOT DETERMINED

Autoignition Temperature : NOT DETERMINED

Burning Rate : NOT DETERMINED

Suitable extinguishing media

carbon dioxide, water

Specific hazards arising from the chemical

Container may explode when heated.

Vapour may be ignited by ignition sources.

Spillage may explode.

If heated, irritating and toxic gas may cause.

Special protective equipment for fire-fighters

Wear proper protective equipments.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Eliminate all ignition sources if safe to do so.

Absorb spillage, and follow the protective equipments precaution.

Separate contaminated area.

Stop leak if safe to do so.

Environmental precautions

Avoid release to water way, basement, enclosed space and drain.

Methods and materials for containment and cleaning up

Absorb spillage and rinse with water and detergent.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not handle until all safety precautions have been read and understood.

Open up the product cautiously.

Do NOT inhale the vapour from heated substance.

Use only in a well-ventilated area.

Conditions for safe storage

Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.



Keep container tightly closed.
Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameter

KOSHA : N/A

US ACGIH : N/A

Personal protective equipment

Respiratory protection : N/A

Hand protection : N/A

Eye protection : N/A

Skin and body protection : N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

pH : 6~7

Flash point : N/A

Autoignition temperature : N/A

Water solubility : N/A

Density : N/A

Melting range : N/A

Lower explosion limit : N/A

Upper explosion limit : N/A

10. STABILITY AND REACTIVITY

Chemical stability

Container may explode when heated.
Easily ignited by heat, spark and flame.
Eye and skin contact may cause burn.
May cause toxic gas when heated.

Conditions to avoid

Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.
Container may explode when heated.

Materials to avoid :

irritating substance
toxic substance

11. TOXICOLOGICAL INFORMATION

Acute toxicity :

1-OCTYLTRIETHOXYSILANE

LD50 ≥5110 mg/kg Rat

Skin corrosion/irritation : N/A

Serious eye damage/eye irritation : N/A

Respiratory or skin sensitization : N/A

Germ cell mutagenicity : N/A

Carcinogenicity : N/A

Reproductive toxicity : N/A

Specific target organ toxicity - single exposure (GHS) : N/A

Specific target organ toxicity - repeated exposure (GHS) : N/A

Aspiration hazard : N/A

12. ECOLOGICAL INFORMATION

Toxicity :

fish

1-OCTYLTRIETHOXYSILANE

LC50 37.79 mg/l 96 hr *Lepomis macrochirus*

Persistence and degradability :

1-OCTYLTRIETHOXYSILANE

log Kow 1.1 (@ 20 °C)

Bioaccumulative potential :

Mobility in soil : N/A

Other adverse effects : N/A

13. DISPOSAL CONSIDERATIONS

Disposal consideration

Disposal precaution : N/A

14. TRANSPORT INFORMATION

UN TDG : N/A

IMDG : N/A

IATA : N/A

15. REGULATORY INFORMATION

Korea Industrial Safety and Health Act : N/A

Korea Hazardous Materials Safety Control Act : N/A

Korea Toxic Chemicals Control Act : N/A

16. OTHER INFORMATION

Issued Date : 2023.11.28

Revision No. :

Revision Date :

Reference

- GHS Classification : KOSHA
- Physical and chemical properties : KOSHA
- Transport information : KOSHA
- Toxic information : KOSHA
- Ecological information : KOSHA