

Safety Data Sheet

1. Information of product and corporation

Name of the object

Product name TAKE-O / Emulsifier

Information of the provider

Company name, address and contact number

Techpro Enterprises, LLC
1100 Spring St. NW Suite 330
Atlanta, GA 30309
Phone: 404.885.9884

2. Information of composition and ingredients

Name of contained chemicals

Alkali Builder CAS# 15630-89-14
Sequestering agent
Nonionic surfactant

3. Summary of hazards

No special instruction

4. Emergent measures

Inhalation Move to a well ventilated place and take a deep breath in the presence Of discomfort.

Adhesion to the skin Wash the attached part well with soap or the like.

Adhesion to the eye Wash the eye immediately for about 15 minutes with clean water.

Ingestion Drink milk without labored ejection and seek medical attention.

5. Fire measures

Fire extinguishing method Foam extinguishers used for normal extinction

6. Leakage measures

Removing method Wash away with large quantity of water. Wipe with a rag or mop if Unable to wet clean.

7. Caution for handling and storage

Cautions for handling

- 1) Wear appropriate protective equipment to avoid contact with the eyes, skin or clothes (hands: rubber glove or the like which have no water absorbing property / eyes: protective mask and safety glasses).
- 2) Ventilate adequately in the case of indoor use.
- 3) Do not mix with other detergents.

- 4) Wipe with wet rag or mop in case of leakage.
- 5) Do not use in any other ways but intended use.
- 6) The present solution should be used up within one year, in the nature of the components.

Caution for storage

- 1) Seal and store indoors at ordinary temperatures, away from direct sunlight.
- 2) Keep out of reach of children.
- 3) The remaining detergent in use or the contaminated detergent could not be stored.

8. Protection measures

Protective equipment

Wear of the mask, gloves and goggles

Mask:	gas protection mask
Gloves:	rubber or polyethylene gloves
Goggles:	protective glasses

9. Physical and chemical properties

Color and odor	Appearance:	a white turbid and translucent liquid
	Odor:	odor of detergent

Boiling point and solubility

Boiling point:	about 100 °C
Solubility:	arbitrary dissolution in water (g/L)
Description:	alkaline, pH 12.0-12.8

10. Stability and reactivity

Stability:	Stable at ordinary temperatures
Reactivity:	Mixing with an acidic detergent leads to generation of heat Oxygen in water is decreased.

11. Hazardous information

Carcinogenicity, mutagenicity, chronic oral toxicity, chronic inhalation toxicity, reproductive / developmental toxicity, sensitizing property, acute toxicity, pungency, etc.

No special instruction

12. Environmental impact information

Ecotoxicity	No special instruction
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13. Cautions for disposal

Rinse	Wash away with large quantity of tap water. "Measurement Laboratory Accreditation Program Registration Number (concentration): Kanagawa prefecture No. 24 analysis method : JIS K 0102 No. 2740-6983-2"
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Disposal Dilute with large quantity of tap water (about 10 times), and discharge in the gutter, adding a diluted acid (about 3% aqueous solution of dilute hydrochloric acid etc.) by bits.

Treating method of the used container

Wash with large quantity of tap water.

14. Cautions for transport

Do not lay the container sideways and turn over.

15. Applicable law

Applicable law (Industrial Safety and Health Law, poisonous and Deleterious Substances Control Law, Agricultural Chemicals Regulation Law, etc.)

No special instruction

16. Other information

Cited literatures

Previous Kanagawa Prefecture Chemicals Environmental Safety Control Guideline (reference)