SAFETY DATA SHEET

DATE PREPARED : 20,09,2019

1. Identification of substance / Preparation and of the company / undertaking

Name of the product : Airclence **FC-AM08A**

Supplier : NIHON CHEMTREX CO.,LTD

13-39-1,SAKASHITA ITABASHI-KU TOKYO JAPAN

TEL: +81-3-3430-1139

Emergency telephone : +81-3-3430-1139

2. Hazards identification

GHS Classification

Physical Hazards : Classification not possible

Health Hazards : Skin corrosion / irritation Category3

Serious eye damage / Eye irritation Category2B

Environmental Hazards : Classification not possible

Emergency Overview

Symbol : No symbol

Hazard : WARNING

Causes mild skin irritation

Causes eye irritation

Precautionary statements

Prevention : Wear protective gloves / protective clothing / eye protection / face protection.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.

Wash hands thoroughly after handling.

Response : See section 4.

Storage : Store in a well-ventilated place. Keep container tightly closed.

Store looked up.

3. Composition / Information on ingredients

Description : Mixture

Chemical nature : The product made from Amine compound・Oxoacid mixture and other ingredients.

Ingredient Name	CAS No.	Content
Amine compound・Oxoacid mixture	Proprietary	14～16%
Hydroxy acid	Proprietary	
Organic acid salt	Proprietary	
Betaine compounds	Proprietary	
Trisodium citrate dihydrate	6132-04-3	
Polyethylene glycol (PEG)	25322-68-3	
Nonionic surfactant	Proprietary	≦0.2%
Purified water	7732-18-5	83-86%

4. First-aid measures

Swallowed : If symptoms persist consult doctor.

Eye : 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.

Skin : Flush skin with soap and water.

Inhaled : Take the person into the fresh air; if there is difficulty in breathing , medical advice is required.

5. Fire-fighting measures

Extinguishing media : form, water, water mist, foam, dry powder, CO_2

Fire fighting : Wear Breathing apparatus plus protective gloves for fire only.

Prevent, by any means available, spillage from entering drains or water course.

If safe to do so, remove containers from path of fire.

Fire／Explosion hazard : No data applicable.

6. Accidental release measures

See sections 8 and 13.

After spillage／Soil : Prevent additional discharge of spilled material. Do not allow the product to enter sewers or rivers or contaminate the soil.

Recover with mechanical means such as pumps and skimmers.

After spillage／water : Contain spilled liquid with sand or sawdust. Spilled material will dry up and form a film.

Dispose of spilled material.

Obey to local disposal regulations to dispose of spilled material.

7. Handling and storage

Handling : Wear protective gloves/ eye protection/ face protection.

Keep container tightly closed.

Storage : Keep away from direct rays and should be preserved temperature at 5-40 ℃

Protect from sunlight. Store in a well-ventilated place.

The container must be lined with polyethylene plastic or contain a plastic drum liner made of polyethylene.

Incompatible substances ; Oxidizing agent, Strong base, Reducing agent, Metal.

8. Exposure controls / Personal protection

Control concentration : Not established

Technical measures : Use the product in a properly ventilated atmosphere.

Protection of hands : Use chemical resist gloves to prevent skin contact.

Eye protection : Wear chemical goggles if eye contact is likely.

Breathing equipment : Wear respiratory protection.

9. Physical and chemical properties

Appearance : Liquid

Color : Transparent pale yellow

Odour : Faint odor

Boiling point : No data available.

Freezing point : No data available.

Flash point : No data available.

Danger of explosion : Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

Explosion limits : No data available.

Vapor pressure : No data available.

Vapor Density : No data available.

Evaporation Rate : No data available.

pH-value : 3.0±0.5 (25℃)

Density : 1.055±0.05 (25℃)

Solubility : Solubility in water.

10. Stability and reactivity

Stability : The product is stable at normal storage, handling and use temperatures.

Conditions to avoid : Heat (temperatures above flash point), sparks, ignition points, flames, static electricity.

Materials to avoid : Oxidizing agent, Strong base, Reducing agent, Metal.

Hazardous decomposition : Incomplete combustion and thermolysis produce more or less toxic gases such as NH3,COx,SOx,NOx,HCl, .

11. Toxicological information

Product LD50, LC50 : Acute toxicity (Oral) Not classified

Acute toxicity (Dermal) Not classified

Determined by material's classification.

Skin corrosion / irritation : No data applicable.

Serious eye damage / Eye irritation : No data applicable.

12. Ecological information

Fish-toxicity : No data available.

Accumulation : No data available.

13. Disposal considerations

Incineration should be effected. As for general washing water, should be treated process of condensation and precipitation of activated sludge method before waste.

14. Transport information

IATA Not regulated as dangerous goods.

IMDG Not regulated as dangerous goods.

Not dangerous cargo. Avoid temperature below 0 ℃. Keep separated from foodstuffs.

Use proper unbreakable vessel.

Pay attention for loading without overturn nor falling not to damage cargoes.

15. Regulatory information

Not especially regulated by law regarding this products itself.

However performance of using the products should be based on the regulation in accordance with the by-law of disposal industrial waste and the water pollution prevention act.

16. Other information

References

- A Handbook on LABEL and MSDS for GHS (The Chemical Daily Co., Ltd. 2007)
- A Handbook to understand REACH (Chemical Evaluation and Reseatch Institute, 2007, Printed in Japan)
- Documentation of the TLVs and BEIs (Japan Association for Working Environment Measurement, 2006. Japanese translation)
- The classification in Annex I of Directive 67/548/EEC. A Japanese version was published by JETOC in 2004 (EU: List of Dangerous Substances (7th. Edition) .
- Recommendation of Occupational Exposure Limits(2006-2007). The Japan Society for Occupational Health.
- A Handbook on International Chemical Safety Cards (ICSC) Japanese version, 4th Edition. (The Chemical Daily Co., Ltd.)

The Safety Data Sheet (SDS) is designed to provide forwarding and handling agents with reference information on the safe handling of dangerous and hazardous chemical materials.

In making use of this safety date sheet, forwarding and handling agents are requested to understand on their own responsibility the necessity of taking appropriate measures compatible with the individual forwarding and handling operations.

This safety data sheet should not therefore be regarded as a guarantee of safety.