杭州凯莫思生化科技有限公司
Kaimosi BioChem Tech Co., Ltd

Material Safety Data Sheet

Version: 1.0
Creation Date: May 12, 2021
Revision Date: May 12, 2023

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Alcohols, C12-14, ethoxylated propoxylated

Brand : none

Molecular formula: CH3(CH2)x O·(C2H4O)m·(C3H6O)n·H

Manufacturer: Kaimosi BioChem Tech Co., Ltd

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2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	% (w/w)
Alcohols, C12-14, ethoxylated propoxylated	68439-51-0	99.5
Salt	7647-14-5	0.2
Water	7732-18-5	0. 3

3. HAZARDS IDENTIFICATION

Hazards type:Non-hazards

Human health hazards:

The steam pressure of the product is low,so there is no inhalation hazards.

Combustion hazards: combustible, non irritating

4. FIRST AID MEASURES

EYE CONTACT:

Get medical attention. Immediately flush eye with water for at least 15 minutes while holding eyelids open.

SKIN CONTACT

Immediately wash with plenty of soap and water. If symptoms develop, seek medical advice.

INGESTION

Get medical attention. Do not induce vomiting without medical advice. If conscious, washout mouth and give water to drink. If reflexive vomiting occurs, rinse mouth and repeat administration of water.

INHALATION

Remove to fresh air, treat symptomatically. If symptoms develop, seek medical advice.

5. FIRE FIGHTING MEASURES

FLASH POINT : >100 °C

EXTINGUISHING MEDIA

Foam Carbon dioxide Dry powder Other extinguishing agent suitable for Class B fires For large fires, use water spray or fog, thoroughly drenching the burning material. Water mist may be used to cool closed containers.

UNSUITABLE EXTINGUISHING MEDIA

Do not use water unless flooding amounts are available.

FIRE AND EXPLOSION HAZARD

Low Fire Hazard; liquids may burn upon heating to temperatures at or above the flash point. Empty product containers may contain product residue. Do not pressurize, cut, heat, weld, or expose containers to flame or other sources of ignition. May evolve oxides of carbon (COx) under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING

In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Restrict access to area as appropriate until clean-up operations are complete. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection). Stop or reduce any leaks if it is safe to do so. Ventilate spill area if possible. Remove sources of ignition.

METHODS FOR CLEANING UP

SMALL SPILLS: Soak up spill with absorbent material. Place residues in a suitable, covered, properly labeled container. Wash affected area. LARGE SPILLS: Contain liquid using absorbent material, by digging trenches or by diking. Reclaim into recovery or salvage drums or tank truck for proper disposal. Clean contaminated surfaces with water or aqueous cleaning agents. Contact an approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).

ENVIRONMENTAL PRECAUTIONS

Prevent material from entering sewers or waterways.

7. HANDLING AND STORAGE

HANDLING

Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Do not breathe vapors/gases/dust. Keep the containers closed when not in use. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Ensure all containers are labelled.

STORAGE CONDITIONS

Store in suitable labelled containers. Store the containers tightly closed. Store separately from oxidizers. Store away from heat and sources of ignition. Protect product from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

This product does not contain any substance that has an established exposure limit.

ENGINEERING MEASURES

General ventilation is recommended.

PERSONAL PROTECTION

GENERAL ADVICE

The use and choice of personal protection equipment is related to the hazard of the product, the workplace and the way the product is handled. In general, we recommend as a minimum precaution that safety glasses with side-shields and workclothes protecting arms, legs and body be used. In addition any person visiting an area where this product is handled should at least wear safety glasses with side-shields.

RESPIRATORY PROTECTION

At ambient temperature none needed for vapour. If product is heated or if aerosol generation is likely, the use of a half face filter mask is recommended. An organic vapor cartridge with dust/mist prefilter may be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

HAND PROTECTION

Nitrile gloves, Butyl gloves, Neoprene gloves, PVC gloves

SKIN PROTECTION

See general advice.

EYE PROTECTION

Wear chemical splash goggles.

HYGIENE RECOMMENDATIONS

Use good work and personal hygiene practices to avoid exposure. Consider the provision in the work area of a safety shower and eyewash. Always wash thoroughly after handling chemicals. When handling this product never eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Main composition: Alcohols, C12-14, ethoxylated propoxylated

Appearance: colorless to faint yellow liquid

Cloud point: 28-32℃

PH : 5.0~7.0

Seepage force：≤70S (1‰ aque. solu.)

Boiling point: ＞180 ℃

Flash point:＞100 ℃

Solubility： Soluble in water, Soluble in alcohol and Other solvent.

VOC CONTENT: 0 %

Note: These physical properties are typical values for this product and are subject to change.

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions.

HAZARDOUS POLYMERIZATION

Hazardous polymerization will not occur.

CONDITIONS TO AVOID

Avoid extremes of temperature.

MATERIALS TO AVOID

Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.

HAZARDOUS DECOMPOSITION PRODUCTS

Under fire conditions:Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Aquatic organism: slightly

Irritant: slightly

Sensitization: slightly

Mutagenicity: no

Teratogenicity: no

CARCINOGENICITY :

None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH).

HUMAN HAZARD CHARACTERIZATION :

Based on our hazard characterization, the potenairtial human hazard is: Low

12. ECOLOGICAL INFORMATION

PERSISTENCY AND DEGRADATION

Biological Oxygen Demand (BOD): no

ENVIRONMENTAL HAZARD CHARACTERIZATION

Based on our hazard characterization, the potential environmental hazard is: no

13. DISPOSAL CONSIDERATIONS

Dispose of wastes in an approved incinerator or waste treatment/disposal site, in accordance with all applicable regulations. Do not dispose of wastes in local sewer or with normal garbage.

Empty drums should be taken for recycling, recovery, or disposal through a suitably qualified or licensed contractor.

Comply with local regulations.

14. TRANSPORT INFORMATION

Classification:

UN3082

Class: 9

package :III

package：200kg/ plastic drum (Net weight).

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper Shipping Name / Hazard Class may vary by packaging, properties, and mode of transportation.

15. REGULATORY INFORMATION

Security laws and rules: applicable

Law of environmental protection: applicable

16. OTHER INFORMATION

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. Please consult your local sales representative for any further information.

Addresses: suite# 21A, No. 1 Building, Guodu Development Mansion, No. 182 Chaohui Road, Hangzhou China

Prepared: Kaimosi BioChem Tech Co., Ltd

Reference documentation：Kaimosi BioChem Tech Co., Ltd Technical Norms

Date issued: May. 12, 2019

Replaces: May 12, 2023

Reason for issue: Regular Update