

Doc: CHOiXmsds
 Date: 26-april-2016
 Rev: 4

Material Safety Data Sheet CHOiX Defined Cell Culture Medium

Section 1.

PRODUCT AND COMPANY INFORMATION

Product Name: CHOiX
Material Number: CHOiX-adh CHOiX-susp
Recommended Use: Life Science Research and Industry
Company identification: TNC BIO BV
 High Tech Campus 29
 5656 AE Eindhoven
 The Netherlands
 Telephone +31 4030 400 80
E-mail Address: lab@tncbio.com
Emergency Telephone: national anti-poison centre
 (<http://www.who.int/ipcs/poisons/centre/directory/en>)
Product Use: This product is for invitro laboratory use or further manufacturing only.
Synonyms: Not available



TNC BIO BV

High Tech Campus 29
 5656 AE Eindhoven
 The Netherlands

T +31 4030 400 80
 info@tncbio.com
 www.tncbio.com

Section 2.

HAZARDS IDENTIFICATION

Eyes: May cause irritation
Skin: May cause slight irritation
Inhalation: N/A - No toxicity expected from inhalation
Ingestion: Practically non toxic by ingestion; may be mildly irritating to mouth, throat, and stomach; can cause abdominal discomfort
Chronic: Data on cancer – none reported
Aggravated Medical Conditions: None known
Occupational Exposure: Presents little or no health hazard
Environmental Hazard: Ruled out

Doc: CHOiXmsds
Date: 26-april-2016
Rev: 4

Section 3.

COMPOSITION/INFORMATION ON INGREDIENTS

Description:

Cell culture medium supplement, liquid
The following list displays components of this product classified as hazardous based on their physical properties and health effects:

- Component
- CAS N°
- Percent

No hazardous components listed.

Section 4.

FIRST AID MEASURES

Eye Contact:

Rinse thoroughly with plenty of water - if eye irritation persists, consult a physician

Skin Contact:

Wash off with plenty of water - if skin irritation persists, consult a physician

Inhalation:

Not likely to occur

Ingestion:

Rinse mouth with water - if symptoms persist, consult a physician

Notes to Physician:

Treat symptomatically

Section 5.

FIRE-FIGHTING MEASURES

Flammable Properties:

Liquid material, does not form explosive vapour-air mixtures

Suitable Extinguishing Media:

Not flammable liquid

Protective Equipment and Precautions for Firefighters:

Not in object

Section 6.

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid eye or skin contact

Methods for Containment: Prevent spilling

Methods for Cleaning Up:

Wipe up spill with common absorbent material and flush area with water or cleaning

Section 7.

HANDLING AND STORAGE

Handling:

THIS MATERIAL IS NOT A FLAMMABLE LIQUID AS DETERMINED BY DOT REGULATIONS
Suitable for most general chemical storage areas.
Keep closed when not in use

Storage:

Store at 2-8°C. Store in original container.
Keep container tightly closed. Check the Product Description for storage temperatures.

Storage Pressure: Ambient

Section 8.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:

Component OSHA (ppm) PEL AGCIH (ppm) TWA
Contains no substances with occupational exposure limit values

Exposure Guidelines:

OCCUPATIONAL EXPOSURE CONTROLS

Engineering Measures:

Ensure adequate ventilation

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety practice

PERSONAL PROTECTIVE EQUIPMENT

Eye Protection: Safety glasses

Skin: Protective gloves/clothing

Respiratory Protection:

No protective equipment is needed under normal industrial operating conditions

Doc: CHOIXmsds
 Date: 26-april-2016
 Rev: 4

Section 9.

PHYSICAL AND CHEMICAL PROPERTIES

Odor: No Odor
 pH: 6,7 - 7,5
 Flash Point: Non-combustible
 Water solubility: Soluble

Decomposition Temperature: No info available
 Autoignition Temperature: No info available
 Boiling Point: 100° Celsius
 Melting Point/Range: No info available
 Flammability Limits in Air: No info available
 Explosion Limits: No info available
 Evaporation Rate: Not established
 Specific Gravity/Density: Not established
 Octanol/water Partition Coefficient: Not established
 Volatiles: Not established
 Viscosity: Not established

Section 10.

STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions
 Incompatible Products: None known
 Conditions to Avoid: Avoid excessive heat, flames and sparks
 Hazardous Decomposition Products: None known
 Hazardous Polymerization: Not expected to occur

Section 11.

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Oral: None reported
 Dermal: None reported
 Inhalation: None reported
 Eye irritation: Contact with the eyes can lead to irritation
 Skin irritation: Prolonged or repeated contact may cause slight skin irritation
 Respiratory irritation: None reported
 Sensitization: None reported
 Target Organ Toxicity: None reported
 Carcinogenicity: None reported

REGULATORY TOXICOLOGY

NTP: Not tested
 IARC: Not listed
 OSHA: Not regulated

Other Toxicological Information: No info available

Section 12.

TECOLOGICAL INFORMATION

Persistence and Degradability: Not persistent in the environment; biodegradable
 Ecotoxicological Information: No data available

The product is unlikely to build up in the environment

Section 13.

DISPOSAL CONSIDERATIONS

Regulatory information: Not applicable
This material, as supplied, is not a hazardous waste according to EU regulations AND US Federal regulations (40 CFR 261)

Waste Disposal Methods:

This material is not a hazardous waste but could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult the appropriate state, regional, or local regulations for additional requirements

Section 14.

TRANSPORT INFORMATION

Not classified as dangerous in the meaning of international transport regulations.

DOT(US): NOT DANGEROUS GOODS
 IMDG: NOT DANGEROUS GOODS
 IATA: NOT DANGEROUS GOODS

Doc: CHOiXmsds
 Date: 26-april-2016
 Rev: 4

Section 15. REGULATORY INFORMATION

Hazard rating system:

SCALE 0-4, WHERE 4=SEVERE HAZARD:

HMIS RATING

Health: Not determined
Flammability: 0
Physical Hazard: 0
 NFPA RATING
 Health Hazard Not determined
Fire Hazard: 0
Reactivity Hazard: 0

U.S. FEDERAL REGULATIONS

TSCA:

Statement: This product is solely for research and development purposes only and may not be used, processed or distributed for a commercial purpose. It may only be handled by technically qualified individuals

U.S. STATE REGULATIONS

California Proposition 65:

This product does not contain any Proposition 65 chemicals

EPCRA Section 313:

This product does not contain any EPCRA Section 313 chemicals

CANADA

DSL/NDL: Not determined

COMPONENT WHMIS Classification:

No hazardous components

EUROPEAN UNION:

PRODUCT RISK PHRASES: None assigned

PRODUCT SAFETY PHRASES: Not applicable

PRODUCT CLASSIFICATION:

Not classified as hazardous

EINECS Component Number:

No hazardous components

Section 16. OTHER INFORMATION

ABBREVIATIONS

N/A:

Data is not applicable or not available

HMIS:

Hazard Material Information System

WHMIS:

Workplace Hazard Materials Information System

NTP:

National Toxicology Program

OSHA:

Occupational Health and Safety Administration

IARC:

International Agency for Research on Cancer

PROP 65:

California Safe Drinking Water and Toxic Enforcement Act of 1986

EINECS:

European Inventory of Existing Commercial Chemical Substances

EPCRA:

Estes Park Chamber Resort Association

DISCLAIMER

The information provided on this MSDS was acquired by diligent search and/or investigation and the recommendations are based on cautious application of professional judgment. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. All materials and mixtures may present unknown hazards and should be used with caution. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

End Of MSDS