

Material Safety Data Sheet

Revision Date: 03-Feb-2012

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product code APFD-10001

Product name SCTS Animal Protein Free Dissociation Reagent

Company/Undertaking Identification

Cyagen Biosciences Inc. 574 East Weddell Dr, Suite 6 Sunnyvale, CA 94089, U.S.A. Tel: 800-921-8931

For research use only

2. COMPOSITION/IN FORMATION ON INGREDIENTS

Hazardous/Non-hazardous Components

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

3. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Form

Liquid

3. HAZARDS IDENTIFICATION

Principle Routes of Exposure/

Potential Health effects

EyesNo information availableSkinNo information availableInhalationNo information availableIngestionNo information available

Specific effects

Carcinogenic effectsNo information availableMutagenic effectsNo information availableReproductive toxicityNo information availableSensitizationNo information available

<u>Target Organ Effects</u> No information available

HMIS

Health	0
Flammability	0
Reactivity	0

4. FIRST AID MEASURES

Skin contact Wash off immediately with plenty of water

Eye contactRinse thoroughly with plenty of water, also under the eyelids. **Ingestion**Never give anything by mouth to an unconscious person

InhalationMove to fresh airNotes to physicianTreat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Special protective equipment

for firefighters

Dry chemical

Wear self-contained breathing apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Methods for cleaning up

Use personal protective equipment
Soak up with inert absorbent material.

7. HANDLING AND STORAGE

HandlingStorage
No special handling advice required Keep in properly labelled containers

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits

Engineering measures Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment

Hand protection Protective gloves

Eye protection Safety glasses with side-shields **Skin and body protection** Lightweight protective clothing.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice

Environmental exposure Prevent product from entering drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

controls

Form Liquid

Important Health Safety and Environmental Information

Boiling point/range°C No data available°F No data availableMelting point/range°C No data available°F No data availableFlash point°C No data available°F No data availableAutoignition temperature°C No data available°F No data available

Oxidizing properties No information available

Water solubility No data available

10. STABILITY AND REACTIVITY

Stability Stable.

Materials to avoidNo information availableHazardous decompositionNo information available

products

Polymerization Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Principle Routes of Exposure/

Potential Health effects

EyeNo information availableSkinNo information availableInhalationNo information availableIngestionMay be harmful if swallowed.

Specific effects

Carcinogenic effectsNo information availableMutagenic effectsNo information availableReproductive toxicityNo information available

Sensitization No information available

Target Orcia Effects No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity effectsNo information available.MobilityNo information available.BiodegradationInherently biodegradable.BioaccumulationDoes not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION

IATA

Proper shipping name
Hazard Class
Subsidiary Class
Packing group
UN-No

Not classified as dangerous in the meaning of transport regulations
No information available
No information available
No information available
No information available

15. REGULATORY INFORMATION

International Inventories

U.S. Federal Reciulations

SARA 313

This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CIFIR 61)

This product does not contains HAPs.

U.S. State Reaulations

California Proposition 65

This product does not contain chemicals listed under Proposition 65

WHMIS hazard class:

Non-controlled



This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

16. OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

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End of Safety Data Sheet