Section 1 - Product and Company Information

Product Name: CFA

Cat. Code: vac-cfa-10, vac-cfa-60
InvivoGen USA, 3950 Sorrento Valley Blvd, Suite 100
San Diego, California 92121, USA
(+1) 888 457 5873

InvivoGen Europe, 5 rue Jean Rodier
31400 Toulouse, FRANCE
+33 (0) 5 62 71 69 39

InvivoGen Hong Kong, Unit 709A, Bio-Informatics Center
2 Science Park West Avenue, Hong Kong Science Park
Shatin, Hong Kong
+852 3622 3480

Emergency number: ORFILA (INRS): +33 (0) 1 45 42 59 59

Disclaimer: All InvivoGen products are supplied for research and laboratory use only. Not for drug, household or other uses.

Section 2 – Hazards Identification

GHS classification
Skin Irritation (Category 2), H315
Eye Irritation (Category 2), H319
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

GHS Label elements, including precautionary statements
Pictogram

Signal word Danger

Hazard statements
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

Precautionary statements
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P332 + P313 IF skin irritation occurs: Get medical advice/attention.
P337 + P313 IF eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Other hazards:
Accidental needle punctures in humans have been associated with clinical pain, inflammatory lesions, and abscess formation.
Section 3 – Composition/Information on Ingredient

Synonyms: Complete Freund’s Adjuvant, contains a heat-killed preparation of the avirulent strain of Mycobacterium tuberculosis H37 Ra.

Section 4 – First Aid Measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.
After skin contact: Immediately wash skin with soap and plenty of water. Consult a physician.
After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth with water provided person is conscious. Consult a physician.
After inhalation: Remove to fresh air. If not breathing give artificial respiration. Consult a physician.
After eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.

Section 5 – Fire Fighting Measures

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Specific hazards arising from the chemical: No data available.
Special Firefighting Procedures: Wear self-contained breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measures

Personal precautions: Wear protective equipment. Keep unprotected persons away. Avoid dust formation.
Method for Cleaning Up: Sweep up and place in closed containers for disposal. Dispose contaminated material as waste according to section 13. Ventilate area and wash spill site after material clean-up is complete.

Section 7 – Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.
User Exposure: Avoid inhalation. Use personal protective equipment (i.e. impermeable gloves, lab coat or apron).
Storage: Store at 2-8°C. Do not freeze.

Section 8 – Exposure Controls / PPE

Personal protective equipment
Hand protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Eye protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Hygiene measures
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Section 9 – Physical / Chemical Properties

Appearance
Physical state: Liquid
Color: Pale Yellow
Safety Data
Odor: No data available
Odor threshold: No data available
pH: No data available  
Melting point/freezing point: No data available  
Initial boiling point and boiling range: No data available  
Flash point: No data available  
Evaporation rate: No data available  
Flammability: No data available  
Upper/lower flammability or explosive limits: No data available  
Vapor pressure: No data available  
Relative density: No data available  
Solubility: No data available  
Partition coefficient (n-octanol/water): No data available  
Auto-ignition temperature: No data available  
Decomposition temperature: No data available  
Viscosity: No data available

Section 10 – Stability and Reactivity

Reactivity: No data available  
Chemical stability: Stable under recommended storage conditions.  
Possibility of hazardous reactions: No data available  
Conditions to avoid: No data available  
Incompatible materials: Strong oxidizing agents, strong bases.  
Hazardous decomposition products: No data available

Section 11 – Toxicological Information

Acute toxicity:  
Oral LD50: No data available  
Inhalation LC50: No data available  
Dermal LD50: No data available  
Other information on acute toxicity: No data available  
Skin corrosion/irritation: No data available  
Serious eye damage/irritation: No data available  
Respiratory or skin sensitization: No data available  
Germ cell mutagenicity: No data available  
Carcinogenicity: No data available  
Reproductive toxicity: No data available  
Additional information: No data available

Section 12 – Ecological Information

Ecotoxicity: No data available  
Persistence and degradability: No data available  
Bioaccumulative potential: No data available  
Mobility in soil: No data available

Section 13 – Disposal Considerations

Product: Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Must not be disposed of together with household garbage.  
Contaminated Packaging: Dispose of as unused product.
Section 14 – Transport Information

ADR/RID: Not dangerous goods
DOT (US): Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

Section 15 – Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
no data available
15.2 Chemical Safety Assessment
no data available

Section 16 – Other Information

The information contained in this SDS relates only to the material(s) designated and does not relate to use(s) in combination with any other material, process(es) and/or chemical reaction(s). InvivoGen provides this information in good faith and is based on our present knowledge. This SDS is provided without warranty of any kind. The recipient is responsible for ensuring that, where applicable, existing laws and guidelines are observed.