

# SAFETY DATA SHEET

## Sudan III

### 1. IDENTIFICATION

#### Product Identifiers

Product Name:	Sudan III
Other Names:	Fat Ponceau G, Scarlet B, Fat soluble Sudan, Tony Red, Solvent red 23, Sudan Red BK S
Product Number(s):	C143, C1431, C1435
CAS Number:	85-86-9

#### Recommended use of the chemical and restriction on use

Laboratory use.

#### Company Details

ProSciTech Pty Ltd  
11 Carlton Street  
KIRWAN QLD 4817  
Australia

(07) 4773 9444  
www.proscitech.com

#### Emergency Contact Details

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### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Not a hazardous substance or mixture.

#### Label Elements



## Signal Words

Warning

## Hazard Statement(s)

Health hazard 0

Flammability 0,

Physical hazards 0

## Precautionary Statement(s)

Not available.

## Primary route(s) of entry

Not available.

## Human Health

Inhalation:

Harmful by inhalation.

Ingestion:

Harmful if swallowed.

Eyes:

Risk of serious damage to eyes.

Skin:

Harmful in contact with skin.

## Environment

No further relevant information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	Content (w/w)	Classification
Sudan III	85-86-9	>99%	-

### 4. FIRST AID MEASURES

#### Ingestion

Do not induce vomiting without medical advice.

#### Inhalation

Move to fresh air.

#### Skin Contact

Rinse with plenty of soap & water

## **Eye Contact**

Rinse immediately with plenty of water

## **Other Information**

Treat symptomatically and supportively.

## 5. FIREFIGHTING MEASURES

### **Suitable extinguishing equipment**

Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), & full protective gear. Water mist may be used to cool closed containers.

### **HAZCHEM**

Carbon oxides, nitrogen oxides

### **Special protective equipment and precautions for fire fighters**

Use dry chemical, CO<sub>2</sub>, water spray or alcohol resistant foam.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

Use proper PPE as indicated

### **Environmental precautions**

Not available.

### **Methods and materials for containment and clean up**

Clean up spills immediately, observing precautions in the Protective Section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation

### **Conditions for safe storage**

Store in a tightly closed container. Keep from contact with oxidising materials. Store in a cool, dry-ventilated area away from incompatible substances.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Standards

### Engineering controls

Use adequate ventilation to keep airborne concentrations low.

### Personal protective equipment

### Eye and face protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

### Skin protection

Wear appropriate protective gloves to prevent skin exposure. 0.11mm nitrile

### Body protection

Wear appropriate protective clothing to prevent skin exposure.

### Respiratory protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

Appearance	Dark red powder
Odour	Not available.
pH	Not available.
Vapour Pressure	Not available.
Density	Not available.
Boiling Point	Not available.
Melting Point	199°C.
Solubility	Not available.
Specific Gravity of Density	Not available.
Flash Point	Not available.
Flammable (Explosive) Limits	Not available.
Ignition Temperature	Not available.
Formula	C22H16N4O.

## 10. STABILITY AND REACTIVITY

### **Reactivity**

Not available.

### **Chemical stability**

Materials containing similar groups can decompose at elevated temps.

### **Possibility of hazardous reactions**

Carbon oxides, nitrogen oxides

### **Conditions to avoid**

Incompatibles, dust generation

### **Incompatible materials**

Strong oxidisers.

## 11. TOXICOLOGICAL INFORMATION

### **Acute effects**

**LD50/LC50:** Not available.

### **Eye contact**

No further relevant information available.

### **Skin contact**

No further relevant information available.

### **Ingestion**

No further relevant information available.

### **Inhalation**

No further relevant information available.

### **Toxicity and irritation**

No further relevant information available.

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

No further relevant information available.

### **Persistence and degradability**

No further relevant information available.

### **Bioaccumulative potential**

No further relevant information available.

### **Other adverse effects**

No further relevant information available.

## 13. DISPOSAL CONSIDERATIONS

### **General information**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## 14. TRANSPORT INFORMATION

### **ADG label required**

### **HAZCHEM**

Carbon oxides, nitrogen oxides

UN Number	UN 85-
Proper shipping name	<b>SUDAN III</b>
Transport hazard class	Void
Packing group	None.
Environmental hazard	No information available.
Special precautions for users	No information available.
Additional information	No information available.

## 15. REGULATORY INFORMATION

### **Poisons Schedule Number**

No information available.

### **Other Information**

No further relevant information available.

## 16. OTHER INFORMATION

### **SDS preparation date**

22 March 2017

### **Comments**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet (SDS) has been prepared in compliance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice February 2016. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. The information published in this SDS has been compiled from the publications listed in Section 16: to the best of our ability and knowledge these publications are considered accurate. We reserve the right to revise Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.

**... End of SDS ...**