

## SAFETY DATA SHEET

Version: v1

Revision Date: 2023-11-15

Print Date: 2023-11-25

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

## 1.1 Product identifiers

Product name : Sudan red G  
Product Number : S105619  
Brand : aladdin  
CAS-No. : 1229-55-6

## 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : 仅供科研用途，不作为药物、家庭备用药或其它用途。

## 1.3 Details of the supplier of the safety data sheet

Company : Shanghai Aladdin Biochemical Tech Co.,Ltd  
Address : 36 Xinjinqiao Road, Shanghai  
Telephone : 400-620-6333  
Fax : no data available

## 1.4 Company

## 1.5 Emergency telephone number

Emergency Phone : 0532-83889090  
CHEMTREC®, Inside the USA :  
CHEMTREC®, Inside the USA :

## SECTION 2: Hazards identification

## 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

## 2.2 GHS Label elements, including precautionary statements

Pictogram : no data available  
Signal word : Warning  
Hazard statement(s)  
H313 : May be harmful in contact with skin  
Precautionary statement(s)

## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

## SECTION 3: Composition/information on ingredients

## 3.1 Substances

Phone: +1 (833) 552-7181 Email: QualityAssurance@aladdinsci.com Website: <https://www.aladdinsci.com/>

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Synonyms	: 1-(2-Methoxyphenylazo)-2-naphthol Oil Red 113 Solvent Red 1 Sudan R
Formula	: C17H14N2O2
Molecular weight	: 278.31
CAS No.	: 1229-55-6
EC-NO.	: 214-968-9

Component	Classification	Concentration
Sudan red G	no data available	analytical standard, for food analysis, ≥97.0% (HPLC)

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice

no data available

If inhaled

no data available

In case of skin contact

no data available

In case of eye contact

no data available

If swallowed

切勿给失去知觉者喂食任何东西。用水漱口。请教医生。

### 4.2 Most important symptoms and effects, both acute and delayed

最重要的已知症状及作用已在标签（参见章节2.2）和/或章节11中介绍

### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

用水雾,抗乙醇泡沫,干粉或二氧化碳灭火。

Unsuitable extinguishing media

no data available

### 5.2 Special hazards arising from the substance or mixture

碳氧化物,氮氧化物

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

### 5.3 Advice for firefighters

如必要的话,戴自给式呼吸器去救火。

### 5.4 Further information

no data available

---

## SECTION 6: Accidental release measures

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

Do not generate dust during collection and disposal. Sweep and shovel away. Place in a suitable closed container for processing

### 6.2 Environmental precautions

Do not allow the product to enter the sewer.

### 6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

### 6.4 Reference to other sections

For disposal see section 13.

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

No data available

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool place. Keep the container tightly closed and store in a dry and ventilated place.

### 7.3 Specific end use(s)

no data available

---

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

no data available

## ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Skin 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. The selected protective gloves have to satisfy the specifications of Regulation (EU)2016/425 and the standard EN 374 derived from it.

## Body Protection

no data available

## Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a fullface particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection,use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN(EU).

## Control of environmental exposure

no data available

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

a) Appearance	form: powder color: Red-brown
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties N	no data available
t) Oxidizing properties N	no data available

### 9.2 Other safety information

no data available

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

强氧化剂

### 10.2 Chemical stability

在建议的贮存条件下是稳定的

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

吸入可能有害。可能引起呼吸道刺激。

### 10.5 Incompatible materials

如服入是有害的。

### 10.6 Hazardous decomposition products

半数致死剂量(LD50) 经口- 大鼠- > 5,000 mg/kg 备注: 肾脏, 输尿管, 膀胱: 尿液组分的其他变化营养与总代谢: 变化: 其他变化。半数致死剂量(LD50) 经皮- 兔子- > 2,000 mg/kg 备注: 肺, 胸, 或者呼吸系统: 其他变化肝脏: 其他变化长期皮肤接触会引起

---

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

眼睛-兔子-

Serious eye damage/eye irritation

通过皮肤吸收可能有害。可能引起皮肤刺激。

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

此产品中没有大于或等于0.1%含量的组分被IARC鉴别为可能的或肯定的人类致癌物。

Carcinogenicity

无数据资料

Reproductive toxicity

化学物质毒性作用登记:GE5844740

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

可能引起眼睛刺激。

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Aspiration hazard  
no data available  
Additional Information  
no data available

## SECTION 12: Ecological information

### 12.1 Toxicity

no data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

No data available

## SECTION 13:

### 13.1 Disposal considerations

Product  
no data available  
Contaminated packaging  
Dispose of as unused product.

## SECTION 14: Transport information

DOT (US)

UN number: no data available

Packing group: -

Class: -

Proper shipping name: Not dangerous goods

Reportable Quantity(RQ): no data available

Poison Inhalation Hazard: No

Environmental Hazards: No

IMDG

UN number: no data available

Packing group: -

EMS-No: No

Proper shipping name: Not dangerous goods

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

IATA

UN number: no data available

Packing group: -

Class: -

Proper shipping name: Not dangerous goods

## SECTION 15: Regulatory information

no data available

## SECTION 16: Other information

Prepared By

Regulatory Affairs

Email: [QualityAssurance@aladdinsci.com](mailto:QualityAssurance@aladdinsci.com)

Creation Date

10-Sep-2020

Revision Date

15-Nov-2023

Print Date

25-Nov-2023

Revision Summary

SDS sections updated v1

Disclaimer

Copyright Aladdin Co. Ltd. License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Aladdin Co. Ltd. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.