

Version: v1  
Revision Date: 2023-07-18  
Print Date: 2023-07-24

## SAFETY DATA SHEET

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

#### 1.1 Product identifiers

Product name : RG108  
Product Number : R126814  
Brand : aladdin  
CAS-No. : 48208-26-0

#### 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 Emergency telephone number

Emergency Phone : 0532-83889090

### 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** no data available  
**Hazard statement(s)**  
**Precautionary statement(s)**

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

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Synonyms : N-Phthalyl-L-tryptophan;RG 108;RG-108;(S)-3-(Indol-3-yl)-2-(1,3-dihydro-1,3-dioxo-2H-isindol-2-yl)propanoic acid  
Formula : C19H14N2O4

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Molecular weight : 334.33  
CAS No. : 48208-26-0  
EC-NO. : no data available

Component	Classification	Concentration
RG108		
	no data available	≥98%

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**SECTION 4: First aid measures****4.1 Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

no data available

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

no data available

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**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media**

no data available

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

Hazardous decomposition products formed under fire conditions.- Carbon oxides

**5.3 Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**5.4 Further information**

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no data available

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#### SECTION 6: Accidental release measures

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

Wear respiratory protection.Avoid dust formation.Avoid breathing vapours, mist or gas.Ensure adequate ventilation.  
<br/>Evacuate personnel to safe areas.Avoid breathing dust.<br/>

##### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.Do not let product enter drains.

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

Pick up and arrange disposal without creating dust.Sweep up and shovel.Keep in suitable, closed containers for  
<br/>disposal.<br/>

##### 6.4 Reference to other sections

no data available

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#### SECTION 7: Handling and storage

##### 7.1 Precautions for safe handling

Avoid contact with skin and eyes.Avoid formation of dust and aerosols.<br/>Provide appropriate exhaust ventilation at places where dust is formed.Normal measures for preventive fire protection.<br/>

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

Keep container tightly closed in a dry and well-ventilated place.<br/>Recommended storage temperature: 2 - 8 °C <br/>  
<br/><br/>Sigma - R0783 Page 3 of 6

##### 7.3 Specific end use(s)

no data available

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#### SECTION 8: Exposure controls/personal protection

##### 8.1 Control parameters

##### 8.2 Exposure controls

###### Appropriate engineering controls

Avoid contact with skin, eyes and clothing.Wash hands before breaks and immediately after handling the product.<br/>

###### Personal protective equipment

###### Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate  
<br/>government standards such as NIOSH (US) or EN 166(EU).<br/>

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**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.

**Body Protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (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	no data available
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**

Stable under recommended storage conditions.

**10.2 Chemical stability**

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no data available

**10.3 Possibility of hazardous reactions**

no data available

**10.4 Conditions to avoid**

no data available

**10.5 Incompatible materials**

Hazardous decomposition products formed under fire conditions.- Carbon oxides <br/>Other decomposition products - no data available <br/>

**10.6 Hazardous decomposition products**

Oral LD50 <br/>no data available <br/>Inhalation LC50 <br/>no data available <br/>Dermal LD50 <br/>no data available <br/>Other information on acute toxicity <br/>no data available <br/>

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**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

no data available

**Skin corrosion/irritation**

no data available

**Serious eye damage/eye irritation**

no data available <br/>

**Respiratory or skin sensitisation**

no data available

**Germ cell mutagenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as <br/>probable, possible or confirmed human carcinogen by IARC.<br/>ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a <br/>carcinogen or potential carcinogen by ACGIH.<br/>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a <br/>known or anticipated carcinogen by NTP.<br/>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a <br/>carcinogen or potential carcinogen by OSHA.<br/>

**Carcinogenicity**

no data available <br/><br/>

**Reproductive toxicity**

no data available <br/>

**Specific target organ toxicity - single exposure**

no data available <br/>

**Specific target organ toxicity - repeated exposure**

no data available

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**Aspiration hazard**  
no data available <br/>

**Additional Information**  
no data available

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**SECTION 12: Ecological information**

- 12.1

**Toxicity**  
  
no data available
- 12.2

**Persistence and degradability**  
  
no data available <br/>
- 12.3

**Bioaccumulative potential**  
  
no data available <br/>
- 12.4

**Mobility in soil**  
  
no data available
- 12.5

**Results of PBT and vPvB assessment**  
  
no data available <br/><br/>
- 12.6

**Other adverse effects**  
  
no data available

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**SECTION 13:**

- 13.1

**Disposal considerations**  
  
**Product**  
Offer surplus and non-recyclable solutions to a licensed disposal company.Contact a licensed professional waste  
<br/>disposal service to dispose of this material.Dissolve or mix the material with a combustible solvent and burn in a  
<br/>chemical incinerator equipped with an afterburner and scrubber.  
  
**Contaminated packaging**  
no data available

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**SECTION 14: Transport information**

**DOT (US)**  
UN number: no data available  
Proper shipping name: TOXIC SOLID,  
ORGANIC, N.O.S. (RG-239 HYDRATE)  
Environmental Hazards: 否

**IMDG**

Packing group: III

Class: no data available

Reportable Quantity(RQ): no data available

Poison Inhalation Hazard: no data

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UN number: no data available

Packing group: III

EMS-No: no data available

Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (RG-239 HYDRATE)

**IATA**

UN number: no data available

Packing group: III

Class: no data available

Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (RG-239 HYDRATE)

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**SECTION 15: Regulatory information**

no data available

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**SECTION 16: Other information**

**Further information**

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