

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2024-01-21  
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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifiers

Product name : Hoechst 33258 UltraPure  
Product Number : H266330  
Brand : aladdin  
CAS-No. : 23491-45-4

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

Identified uses : Laboratory chemicals, Manufacture of substances.

### 1.3 Company

Company : ALADDIN SCIENTIFIC CORPORATION  
Address : 14078 Meridian Parkway,  
Riverside, CA. 92518  
Telephone : +1 (833) 552-7181  
Fax : no data available

### 1.4 Emergency telephone number

CHEMTREC®, Inside the USA : 1-800-424-9300  
CHEMTREC®, Outside 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



Signal word

Warning

Hazard statement(s)

H302

Harmful if swallowed

Precautionary statement(s)

P264

Wash hands [and ...] thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

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|                |  |
|----------------|--|
| P330           | Rinse mouth.   |
| P301+P312      | IF SWALLOWED: call a POISON CENTER/doctor/... IF you feel unwell.  |
| P302+P352      | IF ON SKIN: wash with plenty of water.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P501           | Dispose of contents/container to an approved waste disposal plant.   |

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

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

|                  |  |
|------------------|--|
| Synonyms         | : HOE 33258  |
| Formula          | : C <sub>25</sub> H <sub>27</sub> Cl <sub>3</sub> N <sub>6</sub> O |
| Molecular weight | : 533.90   |
| CAS No.          | : 23491-45-4   |
| EC-NO.           | : 245-690-6  |

| Component               | Classification    | Concentration |
|-------------------------|-------------------|---------------|
| Hoechst 33258 UltraPure | no data available | ≥99% (HPLC)   |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice

Potentially harmful. Avoid prolonged or repeated exposure. Wash with water thoroughly after handling.

If inhaled

Move individual to fresh air and seek medical advice

In case of skin contact

Wash affected area with water for 15 minutes and seek medical advice.

In case of eye contact

Wash affected area with water for 15 minutes and seek medical advice.

If swallowed

Seek medical advice

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

NOT determined for Inhalation, Ingestion, Skin, Eyes, Chronic Exposures and Target Organs etc.

### 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

Use dry chemical powder or appropriate foam extinguisher.

Unsuitable extinguishing media

no data available

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

no data available

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further information**

no data available

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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

no data available

**6.2 Environmental precautions**

Do not allow product to reach ground water, water course, or sewage system..

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

Use appropriate protective equipment and methods to clean up spilled substances promptly. Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

**6.4 Reference to other sections**

For disposal see section 13.

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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. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

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

Desiccation required. Keep container tightly closed in a dry, cold, dark and well-ventilated place. Store at 4 ~ -20°C. Protect material from long-term exposure to light; may be exposed to light for short periods of time.

**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

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

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166(EU).

Skin protection

Gloves must be checked before use. Please use proper methods to remove the gloves (do not touch the outer surface of the gloves), and avoid any skin parts contacting the product. After use, please handle the contaminated gloves carefully according to relevant laws and regulations and effective laboratory rules and procedures. Please clean and blow dry the protective gloves selected for your hands must meet the specifications given in regulation (EU) 2016 / 425 and the en 374 standard derived from it.

Body Protection

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., 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 fullface respirator with multi-purpose combination (US) or type ABEK (EN 14387) 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

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

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |  |
|--|--|
| a) Appearance                              | form: Yellow-Green Solid color: Yellow-Green |
| b) Odour                                   | None reported                                |
| 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                            |

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|   |                   |
|---|-------------------|
| 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

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

no data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

no data available

### 10.5 Incompatible materials

no data available

### 10.6 Hazardous decomposition products

no data available

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

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no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Additional Information

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## 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

Do not allow product to reach ground water, water course, or sewage system.

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## SECTION 13:

### 13.1 Disposal considerations

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

### SECTION 14: Transport information

DOT (US)  
 UN number: no data available      Packing group: no data available      Class: no data available  
 Proper shipping name: no data available      Reportable Quantity(RQ): no data available      Poison Inhalation Hazard: no data available  
 available      available      available  
 Environmental Hazards: no data available

IMDG  
 UN number: no data available      Packing group: no data available      EMS-No: no data available  
 Proper shipping name: no data available

IATA  
 UN number: no data available      Packing group: no data available      Class: no data available  
 Proper shipping name: no data available

### SECTION 15: Regulatory information

### SECTION 16: Other information

|                         |   |
|-------------------------|---|
| <b>Prepared By</b>      | Regulatory Affairs<br>ALADDIN SCIENTIFIC CORPORATION<br>Email: <a href="mailto:QualityAssurance@aladdinsci.com">QualityAssurance@aladdinsci.com</a> |
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