

SAFETY DATA SHEET

Date Revised: Aug. 3, 2022

SECTION 1: Product and Company Identification

Product Name: Hoechst 33258 (Ready to use)

Catalog Number: H4078

Manufacturer/Supplier:

UElandy (Suzhou) Co., Ltd.

Room 302-1, Building 1, No.18 Chunyao Road, Caohu Industrial Park, Xiangcheng District, Suzhou, P.R. China

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SECTION 2: Hazards identification

GHS Classification

Signal word warning



Health hazards

Skin sensitization	Category 1
Mutagenicity	Mutagenic category 2

Physical hazards

Not Hazardous

Hazard statements

H317 - May cause an allergic skin reaction

H341 - Suspected of causing genetic defects

Precautionary statements

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P201 - Obtain special instructions before use

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention



P280 - Wear protective gloves/protective clothing/eye protection/face protection

P308 + P313 - IF exposed or concerned: Get medical advice/attention

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

Principle Routes of Exposure

Potential Health Effects

Eyes May cause eye irritation with susceptible persons.

Skin May cause sensitization by skin contact.

Inhalation May be harmful by inhalation.

Ingestion May be harmful if swallowed.

Specific effects

Carcinogenic effects No information available.

Mutagenic effects Predicted from models. Substances which cause concern for man owing to possible mutagenic effects but for which the available information is not adequate for making a satisfactory assessment.

Reproductive toxicity No information available.

Sensitization No information available.

Target Organ Effects No known effects under normal use conditions.

HMIS

Health:4

Flammability:0

Reactivity:0

SECTION 3: Composition/information on ingredients

Component	CAS-No	EINECS-No	Weight %
Hoechst 33258 23491-45-4 (0.5 - 1.5)	23491-45-4	245-690-6	0.5 - 1.5

We recommend handling all chemicals with caution.

SECTION 4: First aid measures

In case of skin contact

Rinse cautiously with water for several minutes. If symptoms occur, obtain medical advice.

In case of eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

If inhaled

Remove to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

**If ingested**

Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.

Most important symptoms and effects, both acute and delayed

H317 - May cause an allergic skin reaction, H341 - Suspected of causing genetic defects treat symptomatically.

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

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

Specific hazards arising from the chemical

Not known

SECTION 6: Accidental release measures**Personal precautions**

Use personal protection equipment.

Methods for cleaning up

Soak up with inert absorbent material.

Environmental precautions

Prevent further leakage or spillage if safe to do so.

See Section 12 for more information.

SECTION 7: Handling and storage**Precautions for safe handling**

Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.

Store at -20°C.

SECTION 8: Exposure controls/personal protection**Exposure Limits**

Chemical Name	OSHA PEL	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Hoechst 33258	None	None	None	None

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment	Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.
Hand protection	Impervious gloves.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Eye protection	Wear safety glasses with side shields (or goggles).
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	Prevent product from entering drains.

SECTION 9: Physical and chemical properties

Chemical Name	Hoechst 33258 (Ready to use)
Appearance	Liquid
Odor	No information available
Odor threshold	No information available
pH value	No information available
Melting point/melting range	No information available
Boiling point /boiling range	No information available
Flash point	No information available
Flammability (solid, gas)	No information available
Vapor pressure	No information available
Vapor density	No information available
Water solubility	soluble
Partition coefficient:n-octanol/water	No information available
Auto-ignition temperature	No information available
Oxidizing properties	No information available
Upper explosion limit	No information available
Lower explosion limit	No information available

SECTION 10: Stability and reactivity

Stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Hazardous reaction has not been reported.
Conditions to avoid	None under normal processing.
Polymerization	Hazardous polymerization does not occur.



Materials to avoid	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	None under normal use conditions.

SECTION 11: Toxicological information

Acute toxicity	
LD50 (oral,rat/mouse)	No information available.
LD50 (dermal,rat/rabbit)	No information available.
LD50 (inhalation,rat/mouse)	No information available.
Principle Routes of Exposure	
Potential Health Effects	
Eyes	May cause eye irritation with susceptible persons.
Skin	May cause sensitization by skin contact.
Inhalation	May be harmful by inhalation.
Ingestion	May be harmful if swallowed.
Carcinogenic effects	No information available.
Mutagenic effects	Predicted from models. Substances which cause concern for man owing to possible mutagenic effects but for which the available information is not adequate for making a satisfactory assessment.
Reproductive toxicity	No information available.
Sensitization	No information available.
Target Organ Effects	No known effects under normal use conditions

SECTION 12: Ecological information

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Biodegradation	No information available
Mobility	No information available
Bioaccumulation	No information available

SECTION 13: Disposal considerations

Dispose of contents/containers in accordance with local regulations.

SECTION 14: Transport information

IATA	
Proper Shipping Name	No dangerous good in sense of these transport regulations.



Hazard Class	None
Subsidiary class	None
Packing group	None
UN-No	None
Environmental hazards	None

SECTION 15: Regulatory information

Component	US TSCA
Hoechst 33258 23491-45-4 (0.5 - 1.5)	Listed

US Federal Regulations

SARA 313 This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contains HAPs.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class

D2A - Very toxic materials



This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16: Other information

Reason for revision SDS sections updated

Version no. 2

For research use only. Not for use in diagnostic procedures.

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. Uelandy (Suzhou) shall not be held liable for any damage resulting from handling or contact with the above product.