

# SAFETY DATA SHEET

## 1) Identification of the substance/mixture and of the company/undertaking

### Identification of the substance/preparation

Product Code KU560-1  
Product name KU560-1 free dye

### Company/Undertaking identification

KU dyes  
Universitetsparken 5  
DK2100 København Ø  
Denmark  
+45 35320213

24 hour emergency respons: +45 35320213

**For reserch use only. Not intended for human or animal diagnostics or therapeutic uses.**

## 2) Hazards identification

### GHS – Classification

Signal word  
Warning



### Health hazards

Acute oral toxicity	Category 4
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### Physical hazards

Not hazardous	-
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### Hazard statements

H302	Harmful if swallowed
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### Precautionary statements

P301- P312	IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you fell unwell
P264	Wash hands thoroughly after handling
P330	Rinse mouth

### Principle Routes of Exposure/Potential Health Effects

Eyes	May cause irritation with susceptible persons
Skin	May be harmful in contact with skin
Inhalation	May be harmful by inhalation
Ingestion	Harmful if swallowed

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## Specific effects

Carcinogenic effects	none
Mutagenic effects	Substances which cause concern for man which the available information is not adequate for making a satisfactory assessment
Reproductive toxicity	none
Sensitisation	none
Target Organ Effects	No known effects under normal use conditions

## HMIS

Health	1
Flammability	0
Reactivity	0

## 3) Composition/information on ingredients

Chemical Name	CAS No	EINECS No	Weight %
Propyl-DAOTA	350579-39-4	-	100

The product contains no substances which at their given concentration are considered to be hazardous to health. KU dyes recommend handling chemicals with caution.

## 4) FIRST AID MEASURES

Skin contact	Rinse with plenty of water. If symptoms arise, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms arise, call a physician.
Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
Inhalation	Move to fresh air. If symptoms arise, call a physician. If not breathing, give artificial respiration.
Notes to physician	Treat symptomatically

## 5) FIRE-FIGHTING MEASURES

### Suitable extinguishing media:

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Sand.

### Suitable protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

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## 6) ACCIDENTAL RELEASE MEASURES

**Personal precautions** Use personal protective 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 further information

## 7) HANDLING AND STORAGE

**Handling** Avoid contact with skin, eyes, and clothing. Wear personal protective equipment.

**Storage** Keep in a dry, cool, and well-ventilated place.

## 8) Exposure controls/personal protection

Chemical Name	OSHA PEL	OSHA PEL Ceiling	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Propyl-DAOTA 350579-39-4	None	None	None	None

### **Engineering measures**

Ensure adequate ventilation, especially in confined areas

### **Personal protective equipment**

Person Protective equipment requirements are dependent on the users institution's risk assesment and are specific to the risk assesment for each laboratory where this material may be used.

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment

Hand protection Impervious gloves

Eye protection Safety glasses with side-shields

Skin & Body protection Lightweight protective clothing

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

### **Environmental exposure controls**

Prevent product from entering drains.

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## 9) PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Form</b>	Solid
<b>Appearance</b>	No information available
<b>Odour</b>	No information available
<b>Boiling point</b>	No data available °C/°F
<b>Melting point</b>	No data available °C/°F
<b>Flash point</b>	No data available °C/°F
<b>Autoignition temperature</b>	No data available °C/°F
<b>Oxidising properties</b>	No information available
<b>Water solubility</b>	No data available

## 10) STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions
<b>Materials to avoid</b>	No dangerous reaction known under the conditions of normal use
<b>Hazardous decomposition products</b>	None under normal use
<b>Polymerisation</b>	Hazardous polymerisation does not occur

## 11) TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LD50 Oral rat/mouse	LD50 Dermal rat/rabbit	LD50 Inhalation rat/mouse
Propyl-DAOTA 350579-39-4	No data available	No data available	No data available

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Target Organ Effects

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## 12) ECOLOGICAL INFORMATION

**Ecotoxicity effects** No information available.  
**Mobility** No information available.  
**Biodegradation** Inherent biodegradable.  
**Bioaccumulation** Does not bioaccumulate.

## 13) DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

## 14) TRANSPORT INFORMATION

### IATA

**Proper shipping name** Not classified as dangerous in the meaning of transport regulations  
**Hazard class** None  
**Subsidiary class** None  
**Packing group** None  
  
**UN No.** None

## 15) Regulatory information

Chemical name	TSCA
Propyl-DAOTA 350579-39-4	-

### U.S. 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 contain HAPs.

### U.S. State Regulations

Chemical name	Massachusetts RTK	New Jersey RTK	Pennsylvania RTK	Illinois RTK	Rhode Island RTK
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### California Proposition 65

This product does not contain chemicals listed under Proposition 65.

### WHMIS Hazard Class

D2B Toxic Materials

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This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

## 16) OTHER INFORMATION

**For research use only.** Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution.

Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

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## End of Safety Data Sheet

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