

SAFETY DATA SHEET

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

Identification of the substance/preparation

Product Code KU530-1
Product name KU530-1 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 %
Phenyl-ADOTA	1709867-48-0	-	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 (CO₂). 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)
Phenyl-ADOTA 1709867-48-0	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.

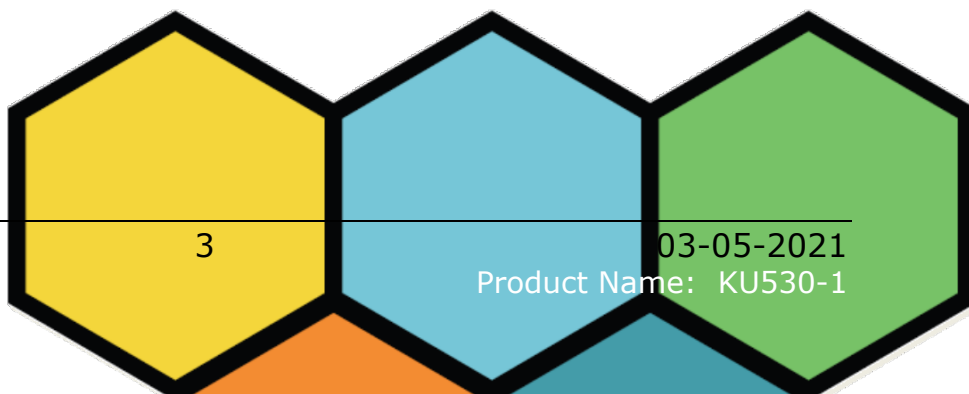
Environmental exposure controls

Prevent product from entering drains.

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9) PHYSICAL AND CHEMICAL PROPERTIES

General Information

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

10) STABILITY AND REACTIVITY

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

11) TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LD50 Oral rat/mouse	LD50 Dermal rat/rabbit	LD50 Inhalation rat/mouse
Phenyl-ADOTA 1709867-48-0	No data available	No data available	No data available

Principle Routes of Exposure/Potential Health Effects

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Specific effects

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Reproductive toxicity	none
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Target Organ Effects

No known effects under normal use conditions

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
Phenyl-ADOTA 1709867-48-0	-

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
Phenyl-ADOTA 1709867-48-0	-	-	-	-	-

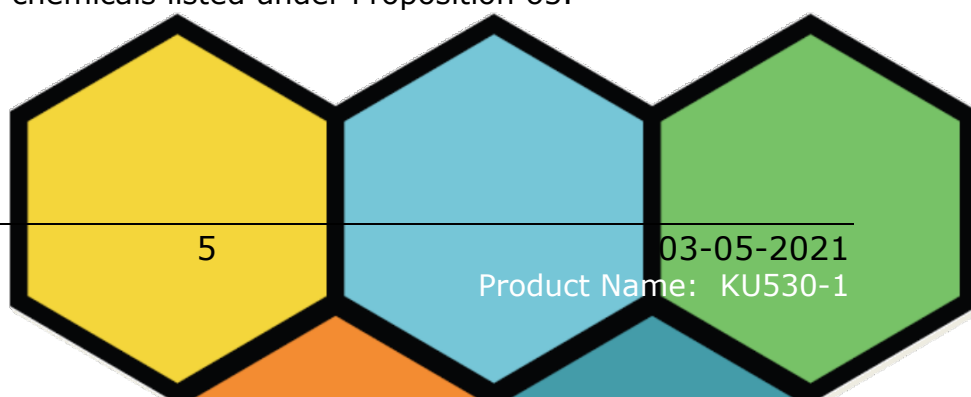
California Proposition 65

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.

THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

End of Safety Data Sheet

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