

Safety Data Sheet

Issue date: 17.10.2022

Version 4

Last Revision: 17.10.2022

1 Identification· **Product identifier**· **Product name: Universal A/C Dye**· **Part number:** Liquid Dye UVUD, CPS 98000089-A1· **Details of the supplier of the safety data sheet**· **SDS downloadable at:**· **Manufacturer/Supplier:**

CPS Australia Pty Ltd (ABN 73092173665)

Address:

109 Welland Avenue Welland

SA 5007 Australia

Tel: +61 8 8340 7055

Fax: +61 8 8340 7033

Email: sales@cpsaustralia.com.au

· **Emergency telephone number:**

Emergency telephone number: National Poisons Info Centre: 13 11 26 (24 hours)

2 Hazard(s) Identification· **Classification of the substance or mixture**

The product is not classified, according to the Globally Harmonised System (GHS).

· **Label elements**· **GHS label elements** Not Applicable· **Hazard pictograms** Not Applicable· **Signal word** Not Applicable· **Hazard statements** Not Applicable· **Other hazards**· **PBT:** Not applicable.· **vPvB:** Not applicable.**3 Composition and Information on Ingredients**· **Chemical characterisation: Mixtures**· **Chemical components:** Not Applicable· **Other Ingredients**

Polyol Ester Oil	50-100%
------------------	---------

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.**4 First Aid Measures**· **Description of first aid measures**· **General information:** No special measures required.· **After inhalation:** Supply fresh air; consult doctor in case of complaints.· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Generally the product does not irritate the skin.

(Contd. on page 2)

Safety Data Sheet

Issue date: 17.10.2022

Version 4

Last Revision: 17.10.2022

Product name: Universal A/C Dye

(Contd. of page 1)

Wash with plenty of soap and water. Remove contaminated clothing. If skin irritation occurs, get medical attention. Launder contaminated clothing before reuse.

- **After eye contact:**
Rinse cautiously with water. Remove contact lenses, if present and easy to do. Get medical attention if eye irritation develops or persists.
- **After swallowing: DO NOT INDUCE VOMITING.** Get immediate medical attention.
- **Information for doctor:** Treat Symptomatically
 - **Most important symptoms and effects, both acute and delayed**
May cause eye irritation. Symptoms may include discomfort or pain, excessive blinking and tear production, with possible redness and swelling.
See section 11.
 - **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire Fighting Measures

- **Extinguishing media**
 - **Suitable extinguishing agents:**
CO₂, dry chemical, or foam. Water can be used to cool and protect exposed material.
 - **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** See section 10 for additional information.
- **Advice for firefighters**
 - **Protective equipment:**
Recommend wearing self-contained breathing apparatus. Water may cause splattering.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/spilled product.
Je třeba používat osobní ochranné pomůcky. Zabraňte kontaktu s pokožkou, očima nebo oděvem.
- **Environmental precautions:**
In case of seepage into the ground inform responsible authorities.
No special measures required.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

- **Handling:**
 - **Precautions for safe handling**
Keep containers closed when not in use. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of product. Dispose of packaging or containers in accordance with local, regional, national and international regulations.

(Contd. on page 3)

-AU

Safety Data Sheet

Issue date: 17.10.2022

Version 4

Last Revision: 17.10.2022

Product name: Universal A/C Dye

(Contd. of page 2)

- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:**
See section 10 for incompatible materials.
 - **Information about storage in one common storage facility:**
Store in a cool dry place in tightly closed containers.
 - **Further information about storage conditions:**
Keep container tightly sealed.
Protect from humidity and water.
Protect from heat and direct sunlight.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

- **Control parameters**
 - **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
 - **Personal protective equipment:**
 - **General protective and hygienic measures:**
Clean skin thoroughly immediately after handling the product.
Storing food in the working area is prohibited.
The usual precautionary measures for handling chemicals should be followed.
Do not inhale dust / smoke / mist.
 - **Respiratory protection:**
Avoid breathing in mist or vapor. Under normal use conditions this is not a breathing hazard.
Prolonged exposure to vapors may cause dizziness and headaches.
Use suitable respiratory protective device only when aerosol or mist is formed.
 - **Protection of hands:**



Chemical resistant protective gloves (EN 374)

- **Eye protection:**



Safety glasses. If potential for splash or mist exists, wear chemical goggles or faceshield.

AU

(Contd. on page 4)

Safety Data Sheet

Issue date: 17.10.2022

Version 4

Last Revision: 17.10.2022

Product name: Universal A/C Dye

(Contd. of page 3)

9 Physical and Chemical Properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

- Form: Liquid
- Colour: Dark brown
- Odour: Mineral-oil-like
- Odour threshold: Not determined.

· pH-value: Not determined.

· Change in condition

- Melting point/freezing point: Undetermined.
- Initial boiling point and boiling range: Undetermined.

· Flash point: >200 °C

· Flammability (solid, gas): Not applicable.

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Product does not present an explosion hazard.

· Explosion limits:

- Lower: Not determined.
- Upper: Not determined.

· Vapour pressure: Not determined.

· Density: Not determined.

- Relative density at 25 °C: 0.960
- Vapour density: Not determined.
- Evaporation rate: Not determined.

· Solubility in / Miscibility with

· water: Not miscible or difficult to mix.

· Partition coefficient: n-octanol/water: Not determined.

· Viscosity:

- Dynamic: Not determined.
- Kinematic at 40 °C: 90 mm²/s

· Other information: No further relevant information available.

10 Stability and Reactivity

· **Reactivity** No further relevant information available.

· Chemical stability

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** Heat, open flames, sparks.

(Contd. on page 5)

Safety Data Sheet

Issue date: 17.10.2022

Version 4

Last Revision: 17.10.2022

Product name: Universal A/C Dye

(Contd. of page 4)

- **Incompatible materials:** May react with strong oxidizing materials.

11 Toxicological Information

- **Information on toxicological effects**

- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

Oral	LD50	>2,000 mg/kg (rat)
------	------	--------------------

- **Primary irritant effect:**

- **Skin corrosion/irritation**

May cause mild skin irritation. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.

- **Serious eye damage/irritation**

May cause eye irritation. Symptoms may include discomfort or pain, excessive blinking and tear production, with possible redness and swelling.

- **Inhalation:** May cause respiratory tract irritation.

- **Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

- **Respiratory or skin sensitisation** No sensitising effects known.

- **Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological Information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** Not Determined

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

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

Danger to drinking water if even small quantities leak into the ground.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation** Smaller quantities can be disposed of with household waste.

(Contd. on page 6)

Safety Data Sheet

Issue date: 17.10.2022

Version 4

Last Revision: 17.10.2022

Product name: Universal A/C Dye

(Contd. of page 5)

- **Uncleaned packaging:**
 - **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· UN-Number · ADG, IMDG, IATA	Not Regulated
· UN proper shipping name · ADG, IMDG, IATA	Not Regulated
· Transport hazard class(es) · ADG, IMDG, IATA · Class	Not Regulated
· Packing group · ADG, IMDG, IATA	Not Regulated
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· UN "Model Regulation":	Not Regulated

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No REACH Annex XVII restrictions
Contains no REACH candidate substance

· Australian Inventory of Industrial Chemicals
None of the ingredients is listed.
· Standard for the Uniform Scheduling of Medicines and Poisons
None of the ingredients is listed.
· Australia: Priority Existing Chemicals
None of the ingredients is listed.

- **GHS label elements** Not Applicable
 - **Hazard pictograms** Not Applicable
 - **Signal word** Not Applicable
 - **Hazard statements** Not Applicable
- **Directive 2012/18/EU**
 - **Named dangerous substances - ANNEX I** None of the ingredients is listed.

AU

(Contd. on page 7)

Safety Data Sheet

Issue date: 17.10.2022

Version 4

Last Revision: 17.10.2022

Product name: Universal A/C Dye

(Contd. of page 6)

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Contact:** Engineering Department

· **Abbreviations and acronyms:**

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

· **Sources**

(GHS) Globally Harmonised System of classification and labelling of chemicals (7th revised edition).

· *** Data compared to the previous version altered.**

AU