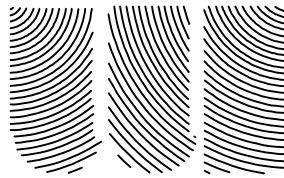


Safety Data Sheet



Walker Electronics Limited

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WELbright

1. Product and Company Identification

Product name

WELbright

Supplier

Walker Electronics Limited (contact details as above)

2. Composition Information on Ingredients

| | | | |
|-------------------|-------|--|--------------------------|
| EINECS: 200-338-0 | 1-10% | Propane- 1, 2-diol | |
| Polymer | 1-10% | Branched tridecylalcohol, ethoxylated | Xn, Xi: R 22-41 |
| EINECS: 225-768-6 | 1-10% | Trisodium nitrotriacetate | Xn, Xi; R 22-36/38 |
| EINECS: 225-218-5 | 1-10% | Octylphosphonic acid | C, Xn; R 22-34 |
| EINECS: 268-096-9 | 1-10% | Fatty acids, C16-18 and C18-unsatd., compds with diethanolamine | Xi:R 36/38 |
| EINECS: 271-657-0 | 1-10% | Amides, coco, N,N-bis(hydroxyethyl) | Xi: R 38-41 |
| EINECS: 267-061-5 | 1-10% | Fatty acids, C12-18, compds. With N, N-bis(hydroxyethyl)coco amides and diethanolamine | Xi: R 38-41 |
| EINECS: 270-115-0 | 1-10% | Benzene sulphonic acid, C 10-13- alkyl derivative, sodium salt | Xi: R 38-41 |
| EINECS: 205-483-3 | 1-10% | 2-aminoethanol | C, Xn; R20/21/22-34 |
| EINECS:203-868-0 | 1-10% | 2,2'-iminodiethanol | Xn, Xi; R 22-38-41-48/22 |

3. Hazards Information

Xi – Irritant. Irritating to skin. Risk of serious damage to eyes.

4. First-aid Measures

Inhalation

Remove from exposure, rest and keep warm. In severe cases or if recovery is not rapid or complete, seek medical attention.

Skin contact

Drench skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention.

Eye contact

Irrigate thoroughly with water for at least 10 minutes. Seek medical advice.

Ingestion

Wash out mouth with water. If patient is conscious, give water to drink. If symptoms persist seek medical attention.

5. Fire Fighting Measures

Suitable extinguishing agents

Water. Dry Powder, Carbon Dioxide (CO₂), alcohol resistant foam

Hazardous combustion products

Oxides of Carbon. Nitrogen oxides

Special fire fighting equipment

Self contained breathing apparatus.

6. Accidental Release Measures

Safety precautions

Wear appropriate PPE (see section 8).

Environmental precautions

DO NOT discharge into drains or rivers. Any spillages into watercourses must be reported to the NRA

Methods of cleaning up:

Absorb with sand, diatomite, acid binders, universal binders or sawdust and transfer to containers for waste disposal according to local regulations.

7. Handling and Storage

Handling

No special precautions are necessary if used correctly

Storage

Store at +5°C to +30°C

8. Exposure Controls/Personal Protection

Ingredients with limit values that require monitoring in the workplace

Personal Protective Equipment (PPE):

- Respiratory
- Hand protection
- Eye protection
- Skin

General information and hygiene measures

Propane-1,2-diol.

Long term value: 474* 10** mg/m³, 150* ppm

*total vapour and particulates **particulates

Use only when aerosol or mist is formed. Use filter A/P2

Protective gloves made of Nitrile rubber or NBR.

Tightly sealed goggles

Protective clothing – overalls and boots

Keep away from foodstuffs, beverages and animal feed. Immediately remove soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin. Do not eat, drink or smoke whilst working with product.

9. Physical and Chemical Properties

Description

Yellow-brown fluid with a characteristic odour

Boiling point

~100°C

Flashpoint

>100°C

Ignition temperature

371°C

PH at 20°C

8.2

Explosive limits

Product does not present an explosion hazard

Vapour Pressure

23 hPa

Relative density

1.064 g/cm³ @ 20°C

Solubility

Fully miscible

10. Stability and Reactivity

Hazardous reactions:

None under normal conditions of use.

-Conditions to be avoided

Strong oxidising agents

-Dangerous reactions

None under normal conditions of use. Under special conditions nitrozing agents(eg nitrogen oxide, nitrite) may lead to a reaction under formation of nitrosamines

11. Toxicological Information

-Acute toxicity

-LD/LC50 values relevant for classification:

Trisodium nitrilotriacetate

Oral LD50 1450 mg/kg (rat)

2-aminoethanol

Oral LD50 2050 mg/kg (rat)

Dermal LD50 1000 mg/kg (rabbit)

2,2'-iminodiethanol

Oral LD50 1600 mg/kg (rat)

Dermal LD50 12200 mg/kg (rabbit)

Primary irritant effect:

- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Strong irritant with the danger of severe eye injury

12. Ecological Information

COD-value (5g/L water) 3615mg/L

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

13. Disposal Considerations

Substance

Via an authorised waste disposal contractor to an approved waste disposal site observing all local and national regulations.

Container

As substance. Used containers must not be cut up or punctured until completely purged of product residues.

14. Transport Information

Primary Hazard

Xi - Irritant

-Land transport ADR/RID (cross border)

- ADR/RID class: -

IMDG Class: -

ICAO/IATA Class: -

Not dangerous according to the above spec.

15. Regulatory Information

| | |
|----------------|--|
| Label Name | WELbright |
| Symbols | Xi - Irritant |
| Risk phrases | R38 – Irritating to skin R41 – Risk of serious damage to eyes |
| Safety phrases | S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - Avoid contact with skin, wash immediately with plenty of water. S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection. |

16. Other Information

Uses Use only as directed.

The attention of the user is drawn to the possible risks incurred by using the product for any other purpose than for which it was intended. It is the sole responsibility of the user to take all precautions required to handle this product.

The information is, to the best of our knowledge, true and accurate. It is given in good faith. No warranty is implied with respect to the quality or specification of the product. The information given is not exhaustive.

Relevant R- Phrases

| | |
|----------|---|
| 20/21/22 | Harmful by inhalation, in contact with skin and if swallowed |
| 22 | Harmful if swallowed |
| 34 | Causes Burns |
| 36/38 | Irritating to eyes and skin |
| 41 | Risk of serious damage to eyes |
| 48/22 | Harmful: danger of serious damage to health by prolonged exposure if swallowed. |