

Safety Data Sheet



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RD3

1. Product and Company Identification

Product name

RD3

Supplier

Walker Electronics Limited (contact details as above)

2. Composition Information on Ingredients

<u>Chemical</u>	<u>% Concentration</u>	<u>Classification</u>	<u>CAS</u>	<u>EINECS</u>
White Spirit		Xn, N, R10 – R65 – R51/53 – R66	64742-82-1	265-185-4
Benzene	<0.1%		71-43-2	

3. Hazards Information

Unlikely to cause harmful effects under normal conditions of handling and use. In the environment it is likely to biodegrade slowly. Exposure to vapours in high concentration may cause irritation to the eyes and respiratory system. Repeated exposure may cause skin dryness or cracking

4. First-aid Measures

Inhalation

Symptom

May cause irritation

Treatment

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

Skin contact

Irritation or redness

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

Irritation with short-term redness and stinging

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

Ingestion

Nausea and vomiting

Wash out mouth with water. If patient is conscious, give water to drink. DO NOT induce vomiting. Seek medical attention.

5. Fire Fighting Measures

Extinguishing media:

Suitable

Not suitable

Hazardous combustion products

Special fire fighting equipment

Dry Powder, Carbon Dioxide (CO₂), foam, water fog or sand.

Water.

Oxides of Carbon.

Breathing apparatus in confined or closed spaces.

6. Accidental Release Measures

Safety precautions

Environmental precautions

Methods of cleaning up:

Wear appropriate PPE (see section 8). Extinguish sources of ignition. DO NOT discharge into drains or rivers. Any spillages into watercourses must be reported to the NRA

Absorb onto absorbent clay or other suitable absorbent. May damage surfaces and make them slippery. Wash spill site after material pick-up is complete.

7. Handling and Storage

Handling

Good general ventilation is required. Avoid sources of ignition. Avoid contact with skin and eyes. Avoid inhalation of vapours. Keep away from heat and hot surfaces

Recommended storage

Store:

Only in original container. At a cool temperature and away from sources of ignition.

Precautions against static discharge

Do not pump at more than 7 metres per second.

8. Exposure Controls/Personal Protection

Exposure limits

600mg/m³ 8hr TWA Type EH40 guidance on mixed exposure to hydrocarbon solvents.

Personal Protective Equipment:

- Respiratory
- Hand protection
- Eye protection
- Skin

Type approved RPE for organic solvents.
Protective gloves made of Nitrile rubber or neoprene.
Safety spectacles/goggles
Protective clothing

Hygiene measures

Always wash after handling chemicals.

9. Physical and Chemical Properties

Description

Colourless liquid

Boiling point

150 - 200°C

Melting point

<-20 °C

Flashpoint

>38 °C

Relative density

0.778 @15 °C

Solubility in solvent

Miscible with many organic solvents. Insoluble in water

Viscosity

0.95 x 10⁻⁶ m²/s

10. Stability and Reactivity

Stability

On combustion decomposes with evolution of oxides of carbon

Conditions to avoid

Sparks and sources of ignition

Hazardous reactions:

-Materials to avoid

Strong oxidising agents

11. Toxicological Information

May cause nausea and diarrhoea if swallowed. Prolonged repeated contact is likely to cause irritation, which could result in dermatitis. Prolonged inhalation of mists or aspiration of droplets may cause inflammation or pulmonary injury to the lungs leading to pneumonitis.

12. Ecological Information

Environmental effects

Expected to be removed in a wastewater treatment facility.

Mobility

Sparingly soluble in water. Material is volatile and will evaporate to the air if released into the environment.

Degradability

Biodegrades slowly.

Aquatic toxicity

Expected to be toxic to aquatic organisms

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

Flammable Liquid

HI Number

30

UN Number

1300

Class/Item number

3,31 °(c)

Packing group

111

Proper shipping name

Turpentine Substitute

Emergency Action Code

3 Y

15. Regulatory Information

Label Name

RD3

Symbols

Harmful & Dangerous for the environment

Risk phrases

R10 – R65 – R51/53 – R66. Flammable. Irritating to eyes. Harmful: may cause lung damage if swallowed. Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment. Repeated exposure to skin could cause dryness and cracking.

Safety phrases

S2 – S23 (vapour) – S24 – S43 (foam, dry powder, AFFF, CO² – NEVER use water) – S57 – S62 – S49 - S51. Keep out of reach of children. DO NOT breathe vapour. Avoid contact with skin. In case of fire use foam, dry powder, AFFF, CO² – NEVER use water. Use appropriate containment to avoid environmental contamination. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. Keep only in original container. Use in well-ventilated areas.

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.