



## SAFETY DATA SHEET

NEOCOL B - BULK

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Revision No: 3

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** NEOCOL B - BULK

**Use of substance / preparation:** A Black Magnetic Ink for use in the Magnetic Particle Inspection Process (BS EN ISO 9934-2:2002).

**Company name:** Johnson and Allen Ltd  
Neocol Works  
Smithfield  
Sheffield  
S3 7AR  
Tel: 0114 2738066  
Fax: 0114 2729842  
Email: info@johnsonandallen.co.uk

### 2. HAZARDS IDENTIFICATION

**Main hazards:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** KEROSENE - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT >90%  
EINECS: 265-149-8 CAS: 64742-47-8  
[N] R51/53; [Xn] R65; [-] R66  
• POWDER DISPERSION AGENT <1%  
[Xi] R41; [N] R50

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash immediately with plenty of soap and water. Remove contaminated clothing, including shoes, and launder before re-use.

**Eye contact:** Bathe the eye with running water for 15 minutes. If irritation persists get medical assistance.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Keep at rest. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

[cont...]

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Foam. Dry chemical powder. Water spray. Use water spray to cool surfaces exposed to fire and protect personnel.

**Exposure hazards:** Avoid spraying water directly into storage containers due to danger of boilover.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Use absorbant granules as required. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 7. HANDLING AND STORAGE

**Handling requirements:** Smoking is forbidden. Do not use near sources of ignition. Avoid skin and eye contact. Use good hygienic practice and housekeeping methods.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Keep away from direct sunlight. Store in dry conditions. The floor of the storage room must be impermeable to prevent the escape of liquids.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hazardous ingredients:** KEROSENE - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT WEL (8 hr TWA): 1000mg/m<sup>3</sup> (manufact)

**Engineering measures:** The floor of the storage room must be impermeable to prevent the escape of liquids. Ensure there is sufficient ventilation of the area. Ensure component contact areas are clean if using current flow technique (this reduces heat and vapour generated).

**Respiratory protection:** Respiratory protection should not be necessary during normal use.

**Hand protection:** Butyl gloves. Nitrile gloves. Gloves (oil-resistant).

**Eye protection:** Approved safety glasses/goggles are recommended.

**Skin protection:** Overalls recommended. No special protection other than hands.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Dark grey/black when shaken.

**Odour:** Paraffinic odour

**Viscosity:** Non-viscous

**Flash point°C:** >100

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition.

**Materials to avoid:** Strong oxidising agents. Natural rubbers, polystyrene and butyl rubbers

**Haz. decomp. products:** In cases of fire hazardous decomposition products may be produced.

**11. TOXICOLOGICAL INFORMATION**

**Hazardous ingredients:** POWDER DISPERSION AGENT  
ORL RAT LD50 >2000 mg/kg

**Chronic toxicity:** Frequent or prolonged contact may irritate and cause skin dryness, cracking and dermatitis.

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Mobility:** This substance has low solubility. Floats on water. Can migrate from water to land.

**Persistence and degradability:** Biodegradable.

**Bioaccumulative potential:** No data available.

**Other adverse effects:** Toxic to aquatic organisms.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. In accordance with local and national regulations.

Manufacturer can advise on recovery.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** Not Classified.

**IMDG / IMO**

**UN no:** Not Classified.

**IATA / ICAO**

**UN no:** Not Classified.

**15. REGULATORY INFORMATION**

**Hazard symbols:** Dangerous for the environment.

Harmful.



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**Risk phrases:** R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

**Safety phrases:** S3/9/14: Keep in a cool, well ventilated place away from direct heat and sunlight.

S23: Do not breathe vapours/spray.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S60: This material and its container must be disposed of as hazardous waste.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Precautionary phrases:** Do not expose to temperatures above 50 deg C. Do not burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep out of reach of children.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

### 16. OTHER INFORMATION

**Risk phrases used in s.3:** R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R41: Risk of serious damage to eyes.

R50: Very toxic to aquatic organisms.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.