



NEOASTRA FCW - WATER BASED FLUORESCENT CONCENTRATE


SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**
Product Name NEOASTRA FCW - WATER BASED FLUORESCENT CONCENTRATE.
CAS No. Mixture.
EINECS No. Mixture.
REACH Registration No. None assigned.
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified use(s) For use in the Magnetic Particle Inspection Process (BS EN ISO 9934-2:2002). Dilution rate 50:1 with water.
Uses advised against None known.
- 1.3 Details of the supplier of the Safety Data Sheet**
Company Identification Johnson and Allen Ltd
Neocol Works
Smithfield
Sheffield
S3 7AR.
Telephone 0114 2738066
Fax 0114 2729842
E-Mail (competent person) info@johnsonandallen.co.uk
- 1.4 Emergency telephone number**
Emergency Phone No. 0114 2738066 (UK office hours 08.30-17.00)

2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
- 2.1.1 Regulation (EC) No. 1272/2008 (CLP)** Eye Irrit. 2; Causes serious eye irritation.
- 2.1.2 Directive 67/548/EEC & Directive 1999/45/EC** Not classified as dangerous for supply/use.
- 2.2 Label elements**
- 2.2.1 Label elements**
Product Name According to Regulation (EC) No. 1272/2008 (CLP)
NEOASTRA FCW - WATER BASED FLUORESCENT
CONCENTRATE.
Hazard Pictogram 
- Signal word(s) GHS07
Warning.
Hazard statement(s) H319: Causes serious eye irritation.



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Precautionary statement(s)	P264: Wash hands thoroughly after handling. P280: Wear protective gloves/eye protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.
2.2.2 Label elements	According to Directive 67/548/EEC & Directive 1999/45/EC
Product Name	NEOASTRA FCW - WATER BASED FLUORESCENT CONCENTRATE.
Hazard Symbol	None.
Risk Phrases	None.
Safety Phrases	None.
2.3 Other hazards	None.
2.4 Additional Information	For full text of H/P phrases see section 16.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Polyoxyethylene (7) tridecyl ether	1 – 10	78330-21-9	None assigned	None assigned	GHS05, Eye Dam. 1; H318, GHS07, Acute Tox. 4; H302

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Polyoxyethylene (7) tridecyl ether	1 – 10	78330-21-9	None assigned	None assigned	Xn; R22, Xi; R41

3.2 Additional Information

For full text of H/P phrases see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.

Skin Contact

Wash with plenty of soap and water. Remove contaminated clothing and wash clothing before reuse. If symptoms persist, obtain medical attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.



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- Ingestion Wash out mouth with water. If symptoms persist, obtain medical attention.
- 4.2 **Most important symptoms and effects, both acute and delayed** Skin Contact: Irritation.
- 4.3 **Indication of any immediate medical attention and special treatment needed** Eye Contact: Redness, Irritation, Pain.
Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 **Extinguishing Media**
Suitable Extinguishing Media Extinguish with carbon dioxide, dry chemical, foam or waterspray.
Unsuitable Extinguishing Media None known.
- 5.2 **Special hazards arising from the substance or mixture** Toxic fumes may be produced in a fire.
- 5.3 **Advice for fire-fighters** Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation. Wear protective gloves/eye protection.
- 6.2 **Environmental precautions** Do not allow to enter drains, sewers or watercourses.
- 6.3 **Methods and material for containment and cleaning up** Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Wash the spillage area with water.
- 6.4 **Reference to other sections** See Also Section 8, 13.

7. SECTION 7: HANDLING AND STORAGE

- 7.1 **Precautions for safe handling** Provide adequate ventilation. Avoid contact with eyes. Wear protective gloves/eye protection. Wash hands thoroughly after handling.
- 7.2 **Conditions for safe storage, including any incompatibilities** Store in dry place. Keep only in original container.
Storage Temperature Ambient.
Storage Life Stable under normal conditions.
Incompatible materials Nitrates, Oxidizing agents.
- 7.3 **Specific end use(s)** For use in the Magnetic Particle Inspection Process (BS EN ISO 9934-2:2002). Dilution rate 50:1 with water.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Control parameters**
- 8.1.1 **Occupational Exposure Limits**

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Not established						

- 8.1.2 **Biological limit value** Not established.
- 8.1.3 **PNECs and DNELs** Not established.



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8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation.

8.2.2 Personal protection equipment

Eye/face protection

Wear eye protection with side protection (EN166).



Skin protection (Hand protection/ Other)

Wear suitable gloves. Wear: Nitrile rubber.



Respiratory protection

Not normally required.



Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Brown (Shaken).
Odour	Barely perceptible odour.
Odour Threshold (ppm)	Not established.
pH (Value)	Not available.
Melting Point (°C)	Not available.
Boiling Point (°C)	Not available.
Flash Point (°C)	Not available.
Evaporation rate	Not applicable.
Flammability	Non-flammable.
Explosive limit ranges	Not applicable.
Vapour Pressure (mm Hg)	Not applicable.
Vapour Density (Air=1)	Not available.
Density (g/ml) @ 20°C	Not available.
Specific Gravity	Not available.
Solubility (Water)	Soluble.
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Temperature (°C)	Not applicable.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity	Viscous.
Explosive properties	Not available.
Oxidising properties	No information available.

9.2 Other information

None.



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10. SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal conditions.
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	Stable under normal conditions.
10.4	Conditions to avoid	Heat and direct sunlight.
10.5	Incompatible materials	Nitrates, Oxidizing agents.
10.6	Hazardous Decomposition Product(s)	None known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
11.1.1	Mixtures	
	Acute toxicity	Low acute toxicity.
	Irritation	Eye Irrit. 2; Causes serious eye irritation.
	Corrosivity	Not classified.
	Sensitisation	It is not a skin sensitiser.
	Repeated dose toxicity	None anticipated.
	Carcinogenicity	No evidence of carcinogenicity.
	Mutagenicity	There is no evidence of mutagenic potential.
	Toxicity for reproduction	None anticipated.
11.2	Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Low toxicity to aquatic organisms.
12.2	Persistence and degradability	The product is biodegradable. Unlikely to persist.
12.3	Bioaccumulative potential	The product has no potential for bioaccumulation.
12.4	Mobility in soil	The product is soluble in water. The product is predicted to have high mobility in soil.
12.5	Results of PBT and VPvB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Dispose of contents/container to: Licensed recycler. Refer to manufacturer for information on recovery/recycling. Do NOT landfill.
13.2	Additional Information	Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

14.1	UN number	Not applicable.
14.2	UN Proper Shipping Name	Not applicable.
14.3	Transport hazard class(es)	Not applicable.
14.4	Packing Group	Not applicable.
14.5	Environmental hazards	Not applicable.
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.



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15. SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
 - 15.1.1 EU regulations
 - Authorisations and/or restrictions on use None known.
 - 15.1.2 National regulations
 - None known.
- 15.2 Chemical Safety Assessment
 - Not available.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

- LTEL Long Term Exposure Limit
- STEL Short Term Exposure Limit
- DNEL Derived No Effect Level
- PNEC Predicted No Effect Concentration
- PBT Persistent, Bioaccumulative and Toxic
- vPvB very Persistent and very Bioaccumulative
- Acute Tox. 4 Acute toxicity Category 4
- Eye Dam. 1 Serious eye damage/irritation Category 1
- Eye Irrit. 2 Serious eye damage/irritation Category 2
- Xn Harmful
- Xi Irritant

Risk Phrases

- R22 Harmful if swallowed.
- R41 Risk of serious damage to eyes.

Hazard statement(s)

- H302 Harmful if swallowed.
- H318 Causes serious eye damage.

Hazard pictogram(s) and Hazard Symbol

GHS05 Xn



GHS07 Xi





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Annex to the extended Safety Data Sheet (eSDS)

No information available.