

NEOASTRA DG - BULK

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name NEOASTRA DG - BULK

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).

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Company Identification Johnson and Allen Ltd

Address of Supplier Neocol Works

Smithfield

Sheffield

Postal code S3 7AR

Telephone 0114 2738066

Fax 0114 2729842

E-mail info@johnsonandallen.co.uk

Office hours 08:30 - 17:00

1.4 Emergency telephone number

Company 0114 2738066 (UK office hours 08.30-17.00)

NHS Direct +44 111

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

GB CLP Regulation, UK SI 2019/720 and Asp. Tox. 1 :May be fatal if swallowed and enters airways.

UK SI 2020/1567

2.2 Label elements

Product Name

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567

Hazard Pictogram(s)

NEOASTRA DG - BULK



GHS08

Signal Word(s)

Danger

Hazard Statement(s)

H304: May be fatal if swallowed and enters airways.

EUH066: Repeated exposure may cause skin dryness or cracking.

Precautionary Statement(s)

P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.

P331: Do NOT induce vomiting.

P405: Store locked up.

P501: Dispose of contents/container to: Licensed recycler.

2.3 Other hazards

None known.

2.4 Additional Information

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	None assigned	920-107-4	>90	Asp. Tox. 1 H304 EUH066	GHS08

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

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

Flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, obtain medical attention.

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Ingestion Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.
4.2 Most important symptoms and effects, both acute and delayed
 Aspiration into the lungs may cause chemical pneumonitis, which can be fatal.
 Repeated exposure may cause skin dryness or cracking.
4.3 Indication of any immediate medical attention and special treatment needed
 Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media
 Suitable Extinguishing media Extinguish with waterspray, foam or dry chemical.
 Unsuitable extinguishing media None known.
5.2 Special hazards arising from the substance or mixture
 Decomposes in a fire giving off toxic fumes: **Smoke**, Oxides of carbon.
5.3 Advice for firefighters
 Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Avoid spraying water directly into storage containers due to danger of boilover.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
 Ensure adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.
6.2 Environmental precautions
 Do not release large quantities into the surface water or into drains.
6.3 Methods and material for containment and cleaning up
 Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a lidded container for disposal or recovery.
6.4 Reference to other sections
 See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
 Provide adequate ventilation. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke during work. Wash hands thoroughly after handling.
7.2 Conditions for safe storage, including any incompatibilities
 Store locked up.
 Storage temperature Ambient.
 Storage life Stable under normal conditions.
 Incompatible materials Strong oxidising agents, Natural rubber, Butyl rubber, Polystyrene.
7.3 Specific end use(s)
 For use in the Magnetic Particle Inspection Process (BS EN ISO 9934-2:2002).

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

Region United Kingdom Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

8.2 Exposure controls
 8.2.1. Appropriate engineering controls Provide adequate ventilation.
 8.2.2. Personal protection equipment



Eye Protection Not normally required. Wear protective eye glasses for protection against liquid splashes.



Skin protection Not normally required. Wear suitable gloves if prolonged skin contact is likely. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

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Respiratory protection Not normally required.

During spraying wear suitable respiratory equipment: A suitable mask with filter type A (EN14387 or EN405) may be appropriate. Use a respirator/filter with at least: PF10: 10 x Protection Factor.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid. Colour: Green (Shaken).
Odour	Paraffinic odour.
Odour threshold	Not established.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	235-270°C (Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics)
Flash Point	>100°C
Evaporation rate	Not known.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	Not known.
Solubility(ies)	Solubility (Water): <0.10 wt%. Slightly soluble. Solubility (Other): Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	> 200°C
Decomposition Temperature (°C)	Not known.
Viscosity	3.2 cSt
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information

None.

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

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Heat and direct sunlight.

10.5 Incompatible materials

Strong oxidising agents, Natural rubber, Butyl rubber, Polystyrene.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Not classified. Low oral toxicity. Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics: LD50 (rat) > 5000 mg/kg (OECD 401)
Acute toxicity - Skin Contact	Calculation method : Not classified. Low acute toxicity. Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics: LC50 (rat) (4 hours) > 4951 mg/m ³ (OECD 402)

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Acute toxicity - Inhalation	Calculation method : Not classified. Low acute toxicity. Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics: LD50 (rabbit) > 5000 mg/kg (OECD 403)
Skin corrosion/irritation	Calculation method : Not classified. Repeated exposure may cause skin dryness or cracking.
Serious eye damage/irritation	Calculation method : Not classified. Non-irritant.
Skin sensitization data	Calculation method : Not classified. It is not a skin sensitizer.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified. There is no evidence of mutagenic potential.
Carcinogenicity	Calculation method : Not classified. No evidence of carcinogenicity.
Reproductive toxicity	Calculation method : Not classified. No evidence of reproductive effects.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : May be fatal if swallowed and enters airways. No data. Aspiration into the lungs may cause chemical pneumonitis, which can be fatal.
11.2 Other information	Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Low toxicity to aquatic organisms.
12.2 Persistence and degradability	The product is not biodegradable. There is evidence of photodegradation in air. The product is unlikely to persist in the environment.
12.3 Bioaccumulative potential	The product has potential for bioaccumulation.
12.4 Mobility in soil	Slightly soluble. The product is predicted to have low mobility in soil. The product is volatile and will partition into the atmosphere. Higher molecular weight hydrocarbons: The substance may adsorb onto soils and sediments.
12.5 Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6 Other adverse effects	Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous 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 classified as a Marine Pollutant.
14.6 Special precautions for user	Not known
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not known

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SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances Not listed

of Very High Concern for Authorisation

UK REACH Authorisation List (Annex Not listed

XIV) list of substances subject to authorisation

UK REACH Restrictions List (Annex XVII) Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (EC No.:

Restrictions on the manufacture, placing 920-107-4)

on the market and use of certain

dangerous substances, mixtures and articles

UK REACH Rolling Action Plan (RAP) Not listed

The Persistent Organic Pollutants Not listed

Regulations 2007 (SI 2007/3106) as amended

The Ozone-Depleting Substances and Not listed

Fluorinated Greenhouse Gases

(Amendment etc.) (EU Exit) Regulations

2019 (SI 2019/583)

The Prior Informed Consent (PIC) Not listed

Regulations concerning the export and

import of hazardous chemicals

SI2008/2108 as amended

European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP) Not listed

15.2 Chemical Safety Assessment

United Kingdom Not applicable.

SECTION 16: OTHER INFORMATION

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

LEGEND

Hazard Pictogram(s)



GHS08

Hazard classification

Asp. Tox. 1 : Aspiration hazard, Category 1

Hazard Statement(s)

H304: May be fatal if swallowed and enters airways.

EUH066: Repeated exposure may cause skin dryness or cracking.

Precautionary Statement(s)

P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.

P331: Do NOT induce vomiting.

P405: Store locked up.

P501: Dispose of contents/container to: Licensed recycler.

Acronyms

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

vPvB : very Persistent and very Bioaccumulative

OECD: Organisation for Economic Cooperation and Development

Key literature references and sources for GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567 data used to compile the SDS

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