NEOINDUS 1ES - BULK

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	NEOINDUS 1ES – BULK.
CAS No.	None assigned.
EINECS No.	907-872-9
REACH Registration No.	01-2119486562-31-XXXX

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use(s)	Multi purpose paint remover and solvent with low toxicity profile.
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) Not classified as dangerous for supply/use.

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 According to Regulation (EC) No. 1272/2008 (CLP)

Product Name	NEOINDUS 1ES – BULK.
Hazard Pictogram	None.
Signal word(s)	None.
Hazard statement(s)	None.
Precautionary statement(s)	None.

2.2.2 Label elements According to Directive 67/548/EEC & Directive 1999/45/EC

Product Name	NEOINDUS 1ES – BULK.
Hazard Symbol	None.
Risk Phrases	None.
Safety Phrases	None.

2.3 Other hazards None.

2.4 Additional Information None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Reaction mass of diisobutyl adipate and diisobutyl glutarate and diisobutyl succinate	100%	None assigned	907-872-9	01-2119486562-31-XXXX	None

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Reaction mass of diisobutyl adipate and diisobutyl glutarate and diisobutyl succinate	100%	None assigned	907-872-9	01-2119486562-31-XXXX	None

3.2 Additional Information
None.

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Unlikely route of exposure. 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. 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.
Ingestion	Do not give anything by mouth to an unconscious person. Obtain medical attention immediately if ingested.

4.2 Most important symptoms and effects, both acute and delayed — Unlikely to be required but if necessary treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed — No special requirements.

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	Water jet spray.

5.2 Special hazards arising from the substance or mixture — Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide.

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. Wash hands thoroughly after handling.
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 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 inhalation of vapours that may be evolved at elevated temperatures. Wash hands and exposed skin after use.
7.2	**Conditions for safe storage, including any incompatibilities**	Keep in a cool, well ventilated place.
	Storage Temperature	Ambient.
	Storage Life	Stable under normal conditions.
	Incompatible materials	Strong oxidising agents, Alkaline, Acids.
7.3	**Specific end use(s)**	Multi purpose paint remover and solvent with low toxicity profile.

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/m³)	STEL (ppm)	STEL (mg/m³)	Note:
Reaction mass of diisobutyl adipate and diisobutyl glutarate and diisobutyl succinate	None assigned	-	-	-	-	Not established

8.1.2 Biological limit value Not established.

8.1.3 PNECs and DNELs

DNEL	Oral	Inhalation	Dermal
Industry - Long Term – Local effects	-	4.2mg/m³	-
Industry - Long Term - Systemic effects	-	-	-
Industry - Short term - Local effects	-	-	-
Industry - Short term - Systemic effects	-	-	-
Professional - Long Term - Local effects	-	-	-
Professional - Long Term – Systemic effects	-	-	-
Professional - Short term - Local effects	-	-	-
Professional - Short term - Systemic effects	-	-	-
Consumer - Long Term - Local effects	-	2.5mg/m³	-
Consumer - Long Term - Systemic effects	-	-	-
Consumer - Short term - Local effects	-	-	-
Consumer - Short term - Systemic effects	-	-	-

	PNEC
Aquatic Compartment - Fresh water	0.0016mg/l
Aquatic Compartment - Sea water	0.00016mg/l
Terrestrial Compartment	-
Atmospheric Compartment	-

8.2 Exposure controls

8.2.1 Appropriate engineering controls — Provide adequate ventilation.

8.2.2 Personal protection equipment

Eye/face protection — Wear protective eye glasses for protection against liquid splashes.

Skin protection (Hand protection/ Other) — Wear suitable gloves if prolonged skin contact is likely.

Respiratory protection — Not normally required. Where engineering controls are not fitted or inadequate wear suitable respiratory protective equipment. A suitable mask with filter type A (EN14387 or EN405) may be appropriate.

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	Colourless.
Odour	Barely perceptible odour.
Odour Threshold (ppm)	Not available.
pH (Value)	Not applicable.
Melting Point (°C)	-21°C
Boiling Point (°C)	250 - 285°C
Flash Point (°C)	134.2°C [Closed cup].
Evaporation rate	Not available.
Flammability	Non-flammable.
Explosive limit ranges	0.6 – 4.7Vol-%
Vapour Pressure (mm Hg) @ 25°C	0.007mm Hg
Vapour Density (Air=1)	Not available.
Density (g/ml) @ 20°C	0.96g/ml
Specific Gravity	Not available.
Solubility (Water) @ 20°C	Insoluble (0.068g/l).
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Temperature (°C)	400°C
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity	Not applicable.
Viscosity (mPa. s) @ 25°C	5.3mPa•s
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information — None.

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**	Strong oxidising agents, Alkaline, Acids.
10.6	**Hazardous Decomposition Product(s)**	Carbon monoxide, Carbon dioxide.

11. SECTION 11: TOXICOLOGICAL INFORMATION

Unlikely to cause harmful effects under normal conditions of handling and use.

11.1 Information on toxicological effects

11.1.1 Substances

Acute toxicity	Low acute toxicity. Oral: LD50(rat) >2000mg/kg Inhalation: LC50(rat) >2000mg/kg
skin corrosion/irritation	Non-irritant.
Serious eye damage/irritation	Not classified.
Respiratory or skin sensitization	It is not a skin sensitiser in animal tests.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	None anticipated.
STOT - single exposure	None anticipated.
STOT - repeated exposure	None anticipated.

11.2 Other information None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	**Toxicity**	Low toxicity to aquatic organisms. Copepod Acartia tonsa: LL50 (48 hour) = 25mg/l Diaton Skeletonema costatum: EL50 (72 hour) = 7.9mg/l
12.2	**Persistence and degradability**	The product is readily biodegradable. Unlikely to persist. OECD 306 (>28 days) = 68% OECD 301D (>28 days) = 80%
12.3	**Bioaccumulative potential**	No information available.
12.4	**Mobility in soil**	Insoluble in water. The product is predicted to have low 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**	This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. The advice only applies to the product as supplied. Combination with other materials may well indicate another route of disposal. If in doubt, contact Johnson & Allen Ltd or local Authorities. Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor.
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.
14.8	**Additional Information**	Not applicable.

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: Not listed.

Other EU regulations:

- Solvents Emissions Directive 1999/13/EC
- Major Accidents Directive 96/82/CEE
- Drug Precusor Regulation (EC) 273/2004 – not scheduled
- Chemical Weapons Convention – not scheduled
- Export and Import of Dangerous Chemicals Regulation (EC) 689/2008
- Ozone Layer Depletion Regulation (EC) 2037/2000 – not scheduled
- Persistent Organic Pollutants Regulation (EC) 850/2004 – not schedules

15.1.2 National regulations

- Workplace Exposure Limits EH40/2005 – WEL listed
- The Chemicals (Hazard Informaton and Packaging for Supply) Regulation 2009 (CHIP4)
- The List of Wastes (England) Regulations 2005 (SI 2005 No 895)

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has been carried out for this substance.

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
STOT	Specific Target Organ Toxicity
DNEL	Derived No Effect Level
PNEL	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
OECD	Organisation for Economic Cooperation and Development

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Annex to the extended Safety Data Sheet (eSDS)

No information available.