



NEOINDUS 1ES - AEROSOL


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 – AEROSOL.
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)	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)	Gases under pressure: Compressed gas; Contains gas under pressure; may explode if heated.
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 – AEROSOL.
Hazard Pictogram	
Signal word(s)	GHS04
Hazard statement(s)	Warning.
Precautionary statement(s)	H280: Contains gas under pressure; may explode if heated. P410+P403: Protect from sunlight. Store in a well-ventilated place.
Additional Information	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.



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2.2.2 Label elements	According to Directive 67/548/EEC & Directive 1999/45/EC
Product Name	NEOINDUS 1ES – AEROSOL.
Hazard Symbol	None.
Risk Phrases	None.
Safety Phrases	None.
Additional Information	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
2.3 Other hazards	None.
2.4 Additional Information	None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

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)
Reaction mass of diisobutyl adipate and diisobutyl glutarate and diisobutyl succinate	>90	None assigned	907-872-9	01-2119486562-31-XXXX	None
Carbon dioxide	1-10	124-38-9	204-696-9	None assigned	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	>90	None assigned	907-872-9	01-2119486562-31-XXXX	None
Carbon dioxide	1-10	124-38-9	204-696-9	None assigned	None

3.2 Additional Information

None.

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. 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	Obtain medical attention immediately if ingested.



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| 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

Contains gas under pressure; may explode if heated.

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| 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 | Heating may cause pressure rise with risk of bursting. 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. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. Keep containers cool by spraying with water if exposed to fire. |

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

The product is an aerosol. It is unlikely to present spillage or leakage hazard. In case of rupture, released content should be contained as any other solvent spill.

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| 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 | Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Containers must not be punctured or destroyed by burning, even when empty. |
| 6.4 Reference to other sections | See Also Section 8, 13. |

7. SECTION 7: HANDLING AND STORAGE

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| 7.1 Precautions for safe handling | Provide adequate ventilation. Avoid inhalation of high concentrations of mists. Wash hands and exposed skin after use. |
| 7.2 Conditions for safe storage, including any incompatibilities | Protect from sunlight. Store in a well-ventilated place. |
| | Ambient. |
| | Storage Temperature
Stable under normal conditions. |
| | Storage Life
Strong oxidising agents, Alkaline, Acids. |
| | Incompatible materials |
| 7.3 Specific end use(s) | Multi purpose paint remover and solvent with low toxicity profile. |



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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
Carbon dioxide	124-38-9	5000	9150	15000	27400	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

8.1.2 Biological limit value

Not established.

8.1.3 PNECs and DNELs

Reaction mass of diisobutyl adipate and diisobutyl glutarate and diisobutyl succinate:

DNEL	Oral	Inhalation	Dermal
Industry - Long Term – Local effects	-	4.2mg/m ³	-
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/m ³	-
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 suitable eye/face protection.



Skin protection (Hand protection/ Other)

Not normally required.



Respiratory protection

Not normally required. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values. A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



Thermal hazards

Not applicable.



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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	Aerosol.
Colour	Colourless.
Odour	Barely perceptible odour.
Odour Threshold (ppm)	Not available.
pH (Value)	Not applicable.
Melting Point (°C)	Not applicable.
Boiling Point (°C)	Not applicable.
Flash Point (°C)	134.2°C [Closed cup].
Evaporation rate	Not applicable.
Flammability	Non-flammable.
Explosive limit ranges	Not applicable.
Vapour Pressure (mm Hg)	Not available.
Vapour Density (Air=1)	Not available.
Specific Gravity	Not available.
Solubility (Water)	Insoluble.
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Temperature (°C)	Not applicable.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity	Not applicable.
Explosive properties	Contains gas under pressure; may explode if heated.
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 Mixtures

Acute toxicity

Low acute toxicity.
Reaction mass of diisobutyl adipate and diisobutyl glutarate and diisobutyl succinate:
Oral: LD50(rat) >2000mg/kg
Inhalation: LC50(rat) >2000mg/kg

Irritation

Non-irritant.

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.



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	Toxicity for reproduction	None anticipated.
11.2	Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Low toxicity to aquatic organisms. Reaction mass of diisobutyl adipate and diisobutyl glutarate and diisobutyl succinate: Copepod <i>Acartia tonsa</i> : LL50 (48 hour) = 25mg/l Diatom <i>Skeletonema costatum</i> : EL50 (72 hour) = 7.9mg/l
12.2	Persistence and degradability	The product is readily biodegradable. Unlikely to persist. Reaction mass of diisobutyl adipate and diisobutyl glutarate and diisobutyl succinate: 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	Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Non-emptied aerosol: Dispose of wastes in an approved waste disposal facility. 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

14.1	UN number	UN 1950
14.2	UN Proper Shipping Name	AEROSOLS.
	Land transport/ Sea transport	AEROSOLS NON-FLAMMABLE.
	Air transport	
14.3	Transport hazard class(es)	
	ADR/RID/ADN	2
	IMDG/ ICAO/IATA	2.2
14.4	Packing Group	None.
14.5	Environmental hazards	None.
14.6	Special precautions for user	None.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not permitted (for bulk tankers transported by ship only).
14.8	Additional Information	
14.8.1	Label (ADR Number System)	2.2
14.8.2	IMDG Code	EmS: F-D, S-U
14.8.3	ADR Tunnel Code	E



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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
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.