



NEOINDUS 2EB - 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


<b>1.1 Product identifier</b>	
Product Name	NEOINDUS 2EB – AEROSOL.
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	A high performance solvent cleaner and de-greaser with low toxicity and little environmental impact.
Uses advised against	None known.
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	
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
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	0114 2738066 (UK office hours 08.30-17.00)

### 2. SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
<b>2.1.1 Regulation (EC) No. 1272/2008 (CLP)</b>	Gases under pressure: Compressed gas; Contains gas under pressure; may explode if heated. Flam. Aerosol 1; Extremely flammable aerosol. Skin Irrit. 2; Causes skin irritation. Asp. Tox. 1; May be fatal if swallowed and enters airways.
<b>2.1.2 Directive 67/548/EEC &amp; Directive 1999/45/EC</b>	Xi; Irritating to skin. Xn; Harmful: may cause lung damage if swallowed.
<b>2.2 Label elements</b>	
<b>2.2.1 Label elements</b>	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP) NEOINDUS 2EB – AEROSOL.
Hazard Pictogram	  
Signal word(s)	Danger.
Hazard statement(s)	H222: Extremely flammable aerosol. H280: Contains gas under pressure; may explode if heated. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation.



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Precautionary statement(s)	<p>P331: Do NOT induce vomiting.</p> <p>P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</p> <p>P302+P352: IF ON SKIN: Wash with plenty of soap and water.</p> <p>P332+P313: If skin irritation occurs: Get medical advice/attention.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents/container to: Suitable incineration plant.</p>
Additional Information	<p>Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.</p> <p>Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.</p>
<b>2.2.2 Label elements</b>	According to Directive 67/548/EEC & Directive 1999/45/EC
Product Name	NEOINDUS 2EB – AEROSOL.
Hazard Symbol	
Risk Phrases	<p>Xn</p> <p>R38: Irritating to skin.</p> <p>R65: Harmful: may cause lung damage if swallowed.</p>
Safety Phrases	S2, S24, S39, S62
Additional Information	<p>Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.</p> <p>Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.</p>
<b>2.3 Other hazards</b>	None.
<b>2.4 Additional Information</b>	For full text of H/P phrases see section 16.

### 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)
Distillates (petroleum), hydrotreated light; Kerosine — unspecified	60-100	64742-47-8	265-149-8	None assigned	GHS08, Asp. Tox. 1; H304, EUH066
Orange, sweet, ext.	10-30	8028-48-6	232-433-8	None assigned	GHS02, Flam. Liq. 3; H226, GHS08, Asp. Tox. 1; H304
Carbon dioxide	1-10	124-38-9	204-696-9	None assigned	None



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EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Distillates (petroleum), hydrotreated light; Kerosine — unspecified	60-100	64742-47-8	265-149-8	None assigned	Xn; R65, R66
Orange, sweet, ext.	10-30	8028-48-6	232-433-8	None assigned	R10, Xn; R65
Carbon dioxide	1-10	124-38-9	204-696-9	None assigned	None

### 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

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

Eye Contact

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

Ingestion

IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

### 4.2 Most important symptoms and effects, both acute and delayed

Skin Contact: Irritation, Eczema.

Aspiration into the lungs may cause chemical pneumonitis, which can be fatal.

### 4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

## 5. SECTION 5: FIRE-FIGHTING MEASURES

Contains gas under pressure; may explode if heated.

### 5.1 Extinguishing Media

Suitable Extinguishing Media

Extinguish preferably with foam, carbon dioxide or dry chemical.

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.

May give off toxic fumes in a fire.

Hazardous decomposition product(s): 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.



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### 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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|--|--|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b> | Ensure adequate ventilation. Remove or make safe all sources of ignition. Wear protective gloves/eye protection.   |
| <b>6.2 Environmental precautions</b>   | Do not release large quantities into the surface water or into drains.   |
| <b>6.3 Methods and material for containment and cleaning up</b>                | Adsorb 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. |
| <b>6.4 Reference to other sections</b>   | See Also Section 8, 13.  |

### 7. SECTION 7: HANDLING AND STORAGE

- |  |  |
|--|--|
| <b>7.1 Precautions for safe handling</b>   | Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Do not spray on an open flame or other ignition source. Provide adequate ventilation. Avoid inhalation of high concentrations of mists. Wash hands thoroughly after handling. |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b><br>Storage Temperature<br>Storage Life<br>Incompatible materials | Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.<br>Ambient.<br>Stable under normal conditions.<br>Strong oxidising agents, Acids, Peroxides.  |
| <b>7.3 Specific end use(s)</b>   | A high performance solvent cleaner and de-greaser with low toxicity and little environmental impact.   |

### 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 <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Distillates (petroleum), hydrotreated light; Kerosine — unspecified	64742-47-8	-	1200	-	-	WEL
Orange, sweet, ext.	8028-48-6	-	800	-	-	WEL
Carbon dioxide	124-38-9	5000	9150	15000	27400	WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

- |   |                                    |
|---|------------------------------------|
| <b>8.1.2 Biological limit value</b>                               | Not established.                   |
| <b>8.1.3 PNECs and DNELs</b>                                      | Not established.                   |
| <b>8.2 Exposure controls</b>                                      |                                    |
| <b>8.2.1 Appropriate engineering controls</b>                     | Provide adequate ventilation.      |
| <b>8.2.2 Personal protection equipment</b><br>Eye/face protection | Wear suitable eye/face protection. |





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Skin protection (Hand protection/ Other)



Not normally required. Wear suitable gloves if prolonged skin contact is likely.

Respiratory protection



Normally no personal respiratory protection is necessary. 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.

### 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	Citrus.
Odour Threshold (ppm)	Not established.
pH (Value)	Not available.
Melting Point (°C)	Not applicable.
Boiling Point (°C) @ 760mm Hg	Not applicable.
Flash Point (°C)	67°C (Mixture/ Liquid).
Evaporation rate	Not applicable.
Flammability	Flammable aerosol.
Explosive limit ranges	Not applicable.
Vapour Pressure (Pascal)	Not available.
Vapour Density (Air=1) @ 80°C	Not available.
Specific Gravity	0.8g/cm <sup>3</sup>
Solubility (Water)	Insoluble.
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Temperature (°C)	180°C
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity	Not available.
Explosive properties	Contains gas under pressure; may explode if heated.
Oxidising properties	No information available.

### 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	Keep away from heat, sources of ignition and direct sunlight.
10.5 Incompatible materials	Strong oxidising agents, Acids, Peroxides.
10.6 Hazardous Decomposition Product(s)	Carbon monoxide, Carbon dioxide.



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### 11. SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1</b>	<b>Information on toxicological effects</b>	
<b>11.1.1</b>	<b>Mixtures</b>	
	<b>Acute toxicity</b>	
	Ingestion	Low acute toxicity. Distillates (petroleum), hydrotreated light; Kerosine — unspecified: LD50 (rat) >15000mg/kg
	Inhalation	Low acute toxicity. Distillates (petroleum), hydrotreated light; Kerosine — unspecified: LC50 (rat) 4hour(s) >4951mg/m <sup>3</sup>
	Skin Contact	Low acute toxicity. Distillates (petroleum), hydrotreated light; Kerosine — unspecified: LD50 (rabbit) >2000mg/kg
	Eye Contact	Low acute toxicity.
	<b>Irritation</b>	Skin Irrit. 2; Causes skin irritation.
	<b>Corrosivity</b>	Not classified.
	<b>Sensitisation</b>	It is not a skin sensitiser.
	<b>Repeated dose toxicity</b>	None anticipated.
	<b>Carcinogenicity</b>	No evidence of carcinogenicity.
	<b>Mutagenicity</b>	There is no evidence of mutagenic potential.
	<b>Toxicity for reproduction</b>	None anticipated.
	<b>Aspiration hazard</b>	Asp. Tox. 1; May be fatal if swallowed and enters airways. Aspiration into the lungs may cause chemical pneumonitis, which can be fatal.
<b>11.2</b>	<b>Other information</b>	None.

### 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1</b>	<b>Toxicity</b>	Low toxicity to aquatic organisms.
<b>12.2</b>	<b>Persistence and degradability</b>	The product is not biodegradable. There is evidence of photodegradation in air. The product is unlikely to persist in the environment.
<b>12.3</b>	<b>Bioaccumulative potential</b>	The product has no potential for bioaccumulation. Distillates (petroleum), hydrotreated light; Kerosine — unspecified: IUCLID: BCF <1000
<b>12.4</b>	<b>Mobility in soil</b>	Insoluble in water. 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.
<b>12.5</b>	<b>Results of PBT and VPVB assessment</b>	Not classified as PBT or vPvB.
<b>12.6</b>	<b>Other adverse effects</b>	None.

### 13. SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1</b>	<b>Waste treatment methods</b>	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.
<b>13.2</b>	<b>Additional Information</b>	Disposal should be in accordance with local, state or national legislation.



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### 14. SECTION 14: TRANSPORT INFORMATION

<b>14.1</b>	<b>UN number</b>	UN 1950
<b>14.2</b>	<b>UN Proper Shipping Name</b>	AEROSOLS.
	Land transport/ Sea transport	AEROSOLS FLAMMABLE.
	Air transport	
<b>14.3</b>	<b>Transport hazard class(es)</b>	
	ADR/RID/ADN	2
	IMDG/ ICAO/IATA	2.1
<b>14.4</b>	<b>Packing Group</b>	None.
<b>14.5</b>	<b>Environmental hazards</b>	None.
<b>14.6</b>	<b>Special precautions for user</b>	None.
<b>14.7</b>	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not permitted (for bulk tankers transported by ship only).
<b>14.8</b>	<b>Additional Information</b>	
<b>14.8.1</b>	Label (ADR Number System)	2.1
<b>14.8.2</b>	IMDG Code	EmS: F-D, S-U
<b>14.8.3</b>	ADR Tunnel Code	D

### 15. SECTION 15: REGULATORY INFORMATION

<b>15.1</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>15.1.1</b>	<b>EU regulations</b>	
	Authorisations and/or restrictions on use	None known.
<b>15.1.2</b>	<b>National regulations</b>	None known.
<b>15.2</b>	<b>Chemical Safety Assessment</b>	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
IUCLID	International Uniform Chemical Information Database
BCF	Bioconcentration factor
Flam. Liq. 3	Flammable liquid Category 3
Flam. Aerosol 1	Flammable aerosol Category 1
Skin Irrit. 2	skin corrosion/irritation Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Xn	Harmful
Xi	Irritant

#### Risk Phrases and Safety Phrases

R10	Flammable.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
S2	Keep out of the reach of children.
S24	Avoid contact with skin.
S39	Wear eye/face protection.








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

### Hazard statement(s) and Precautionary statement(s)

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.  
P264 Wash hands thoroughly after handling.  
P362 Take off contaminated clothing and wash before reuse.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

### Hazard pictogram(s) and Hazard Symbol

GHS02		Xn	
GHS07		Xi	
GHS08			

### Disclaimers

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### Annex to the extended Safety Data Sheet (eSDS)

No information available.