

NEON W/W-A – AEROSOL




SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

1.1 Product identifier	Product Name	NEON W/W-A – 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)	Penetrative liquid, fluorescent.
	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	Company	0114 2738066 (UK office hours 08.30-17.00)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	Regulation (EC) No. 1272/2008 (CLP)	Aerosol 1; Extremely flammable aerosol. Pressurised container: May burst if heated. Asp. Tox. 1; May be fatal if swallowed and enters airways. Skin Irrit. 2; Causes skin irritation. Eye Dam. 1; Causes serious eye damage.
2.2 Label elements	Product Name	According to Regulation (EC) No. 1272/2008 (CLP) NEON W/W-A – AEROSOL.
	Hazard Pictogram	  
	Signal word(s)	Danger.
	Hazard statement(s)	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H318: Causes serious eye damage.

NEON WW-A – AEROSOL

Precautionary statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P251: Do not pierce or burn, even after use.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

2.3 Other hazards

None.

2.4 Additional Information

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Aerosol.

3.1 Substances

Not applicable.

3.2 Mixtures

EC Classification No. 1272/2008

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Distillates (petroleum), hydrotreated middle	64742-46-7	265-148-2	50-75	Asp. Tox. 1 H304	GHS08
Alcohols, secondary C11-15, ethoxylated	68131-40-8	614-295-4	15-20	Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 Acute Tox. 4 H332	GHS05 GHS07
Alcohols, secondary C11-15, ethoxylated	68131-40-8	614-295-4	12.5-15	Skin Irrit. 2 H315 Eye Irrit. 2 H319	GHS07
Carbon dioxide	124-38-9	204-696-9	1-10	Press. Gas; H280	GHS04
7-(diethylamino)-4-methyl-2-benzopyrone	91-44-1	202-068-9 01-2120224352-69-XXXX	1-2	Acute Tox. 4 H302 Eye Irrit. 2 H319 Aquatic Chronic 2 H411	GHS07 GHS09

3.3 Additional Information

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.
Skin Contact	Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Ingestion	Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.
4.2 Most important symptoms and effects, both acute and delayed	May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye damage.
4.3 Indication of any immediate medical attention and special treatment needed	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Extremely flammable aerosol. Pressurised container: May burst if heated.

5.1 Extinguishing Media	
Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or waterspray.
Unsuitable Extinguishing Media	Do not use water jet.
5.2 Special hazards arising from the substance or mixture	Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide. Heating may cause pressure rise with risk of bursting.
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.

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.

6.1 Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Wear suitable gloves and eye/face protection.
6.2 Environmental precautions	Do not allow to enter drains, sewers or watercourses.
6.3 Methods and material for containment and cleaning up	Collect mechanically and dispose of according to Section 13. 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.
6.4 Reference to other sections	See Also Section 8 and 13.

SECTION 7: HANDLING AND STORAGE





- 7.1 Precautions for safe handling** Provide adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.
- 7.2 Conditions for safe storage, including any incompatibilities**
 Storage Temperature Store locked up. Keep container tightly closed and in a well-ventilated place. Protect from sunlight.
 10 - 40°C. Do not expose to temperatures exceeding 50°C/ 122°F.
 Storage Life 36 Month(s).
 Incompatible materials Strong oxidising agents, Acids, Alkalis.
- 7.3 Specific end use(s)** Penetrative liquid, fluorescent.

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
Carbon dioxide	124-38-9	5000	9150	15000	27400	
		5000	9000	-	-	IOELV

Source: UK Workplace Exposure Limits EH40/2005 (Third edition, published 2018)
 IOELV: Indicative Occupational Exposure Limit Value

- 8.1.2 Biological limit value** Not established.
- 8.1.3 PNECs and DNELs** Not established.
- 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 impervious gloves (EN374). Wear: Nitrile rubber, Butyl rubber.
 Breakthrough time of the glove material: refer to the information provided by the gloves' producer.
- Respiratory protection  No personal respiratory protective equipment normally required. Handling of larger amounts: In case of insufficient ventilation, wear suitable respiratory 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 allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
	Appearance	Aerosol.
	Colour	Yellow-green.
	Odour	Hydrocarbon odour.
	Odour Threshold	Not available.
	pH	Not available.
	Melting Point/Freezing Point	Not available.
	Initial boiling point and boiling range	Not available.
	Flash point	>93°C
	Evaporation rate	Not available.
	Flammability (solid, gas)	Not applicable.
	Upper/lower flammability or explosive limits	Not available.
	Vapour pressure	Not available.
	Vapour density	Not available.
	Relative density	Not available.
	Density	0.873 g/cm ³ @ 20°C
	Solubility(ies)	Insoluble in water.
	Partition coefficient: n-octanol/water	Not available.
	Auto-ignition temperature	Not applicable.
	Decomposition Temperature	Not available.
	Kinematic Viscosity	6 mm ² /s @ 40°C
	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, Acids, Alkalis.
10.6	Hazardous Decomposition Product(s)	No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
	Acute toxicity	
	Ingestion	Low acute toxicity. Distillates (petroleum), hydrotreated middle: LD50 (rat): > 5000mg/kg
	Skin Contact	Low acute toxicity. Distillates (petroleum), hydrotreated middle: LD50 (rabbit): > 2000mg/kg
	Skin corrosion/irritation	Causes skin irritation. No data.
	Serious eye damage/irritation	Causes serious eye damage. No data.
	Respiratory or skin sensitisation	Not expected to be a skin or respiratory sensitiser.
	Germ cell mutagenicity	There is no evidence of mutagenic potential.
	Carcinogenicity	No evidence of carcinogenicity.
	Reproductive toxicity	No evidence of reproductive effects.
	STOT - single exposure	None anticipated.
	STOT - repeated exposure	None anticipated.
	Aspiration hazard	May be fatal if swallowed and enters airways. No data.
11.2	Other information	None.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Low toxicity to aquatic organisms.
12.2 Persistence and degradability	Part of the components are biodegradable.
12.3 Bioaccumulative potential	The product has potential for bioaccumulation.
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.

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.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number	UN1950
14.2 UN Proper Shipping Name	AEROSOLS, Flammable.
14.3 Transport hazard class(es)	
ADR/RID	
ADR/RID Class	2
ADR Classification Code	5F
Special Provisions	190 327 344 625
Limited Quantities	1 L
Excepted Quantities	E0
Mixed Packing Instructions for Packages	P207 LP200
Special Packing Provisions for Packages	PP87 RR6 L2
Mixed Packing Instructions for Packages	MP9
ADR Transport Category	2
Tunnel Restriction Code	D
Special Provisions for Carriage - Packages	V14
Special Provisions for Carriage - Loading, Unloading and Handling	CV9 CV12
Special Provisions for Carriage - Operation	S2
IMDG	
IMDG Class	2
Special Provisions	190 327 344 625
Limited Quantities	1 L
Excepted Quantities	E0
Mixed Packing Instructions for Packages	P207 LP200
Special Packing Provisions for Packages	PP87 RR6 L2
IMDG EMS	F-D, S-U
Stowage and Handling	SW1 SW22
Segregation	SG69
ICAO/IATA	
IATA Proper Shipping Name	AEROSOLS, Flammable.
Excepted Quantities	E0
Passenger and Cargo Aircraft Limited Quantities	Y203
Packing Instructions	
Passenger and Cargo Aircraft Limited Quantities	30Kg
Max net Qty	
Passenger and Cargo Aircraft Packing Instructions	203

NEON W/W-A – AEROSOL

Passenger and Cargo Aircraft Max net Qty	75Kg
Cargo Aircraft Packing Instructions	203
Cargo Aircraft Max net Qty	150Kg
Special Provisions	A145, A167, A802
Emergency Response Guidebook (ERG) Code	10L
Labels	2.1



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 applicable.

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	
Candidate List of Substances of Very High Concern for Authorisation	Not listed
REACH: ANNEX XIV list of substances subject to authorisation	Not listed
REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Not listed
REACH: ANNEX IV Exemptions from the Obligation to Register in accordance with Article 2(7)(a)	Listed: Carbon dioxide (CAS No.: 124-38-9)
Community Rolling Action Plan (CoRAP)	Not listed
Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants	Not listed
Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer	Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Not listed
15.1.2 National regulations	None known.
15.2 Chemical Safety Assessment	Not applicable.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 2, 5, 7, 14, 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
Aerosol 1	Aerosol, Category 1
Press. Gas	Gases under pressure

NEON WW-A – AEROSOL

Acute Tox. 4	Acute toxicity, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Eye Dam. 1	Serious eye damage/irritation, Category 1
Eye Irrit. 2	Serious eye damage/irritation, Category 2
Aquatic Chronic 2	Hazardous to the aquatic environment, Chronic, Category 2

Hazard statement(s) and Precautionary statement(s)

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H280	Contains gas under pressure; may explode if heated.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.
P211	Do not spray on an open flame or other ignition source.
P264	Wash hands thoroughly after handling.
P310	Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents in accordance with local, state or national legislation.

Hazard pictogram(s)

GHS02



GHS05



GHS08



GHS04

GHS: Gas cylinder

GHS07

GHS: Exclamation mark

GHS09

GHS: Environment

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

Not applicable.