

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. Broduct identifier	
1.1 Product identifier Product Name	JAC 2 - AEROSOL
	ubstance or mixture and uses advised against
Identified Use(s)	<ul> <li>For use in the Dye Penetrant Inspection Process BS EN ISO 571-1:1997 (BS</li> </ul>
	EN ISO 3452-2:2006 Sensitivity level 2 when used in conjunction with
	penetrant family products).
Uses Advised Against	<ul> <li>Coating compound/ Surface coating/ paint.</li> <li>Not known.</li> </ul>
1.3 Details of the supplier of the saf	
Manufacturer	
Company Identification	Johnson and Allen Ltd
Address of Manufacturer	Neocol Works
	Smithfield Sheffield
Postal code	S3 7AR
Telephone	0114 2738066
Fax	0114 2729842
E-mail	info@johnsonandallen.co.uk
Office hours Only representative	08:30 - 17:00
Company Identification	DIMART S.r.I.
Address	Via A. Einstein
	13 Sedriano MI
Destal as de	Italy
Postal code Telephone	20018 +390290310207
Fax	+390290310208
1.4 Emergency telephone number	
Company	0114 2738066 (UK office hours 08.30-17.00)
NHS Direct	+44 111
SECTION 2: HAZARDS IDENTIFICAT	ON
2.1 Classification of the substance	nr mixture
	nd Aerosol 1 :Extremely flammable aerosol. Pressurised container: May burst if heated. Asp. Tox. 1 :May be fatal if swallowed and enters airways.
GB CLP Regulation, UK SI 2019/720 a	nd Aerosol 1 :Extremely flammable aerosol. Pressurised container: May burst if heated. Asp. Tox. 1 :May be fatal if swallowed and enters airways. STOT SE 3 :May cause drowsiness or dizziness.
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GB CLP Regulation, UK SI 2019/720 a UK SI 2020/1567 2.2 Label elements	<ul> <li>Aerosol 1 :Extremely flammable aerosol. Pressurised container: May burst if heated. Asp. Tox. 1 :May be fatal if swallowed and enters airways.</li> <li>STOT SE 3 :May cause drowsiness or dizziness. Aquatic Chronic 2 :Toxic to aquatic life with long lasting effects.</li> <li>According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567</li> </ul>
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GB CLP Regulation, UK SI 2019/720 a UK SI 2020/1567 <b>2.2 Label elements</b> Product Name Hazard Pictogram(s) Signal Word(s) Hazard Statement(s)	nd Aerosol 1 :Extremely flammable aerosol. Pressurised container: May burst if heated. Asp. Tox. 1 :May be fatal if swallowed and enters airways. STOT SE 3 :May cause drowsiness or dizziness. Aquatic Chronic 2 :Toxic to aquatic life with long lasting effects. According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567 JAC 2 - AEROSOL GHS02 GHS02 GHS08 GHS07 GHS09 GHS09 GHS09 Danger H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated. H304: May be fatal if swallowed and enters airways. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects. EUH066: Repeated exposure may cause skin dryness or cracking. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273: Avoid release to the environment. P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor. P31: Do NOT induce vomiting. P405: Store locked up. P501: Dispose of contents in accordance with local, state or national legislation.
GB CLP Regulation, UK SI 2019/720 a UK SI 2020/1567 <b>2.2 Label elements</b> Product Name Hazard Pictogram(s) Signal Word(s) Hazard Statement(s) Precautionary Statement(s)	nd Aerosol 1 :Extremely flammable aerosol. Pressurised container: May burst if heated. Asp. Tox. 1 :May be fatal if swallowed and enters airways. STOT SE 3 :May cause drowsiness or dizziness. Aquatic Chronic 2 :Toxic to aquatic life with long lasting effects. According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567 JAC 2 - AEROSOL GHS02 GHS02 GHS02 GHS08 GHS07 GHS09 Danger H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated. H304: May be fatal if swallowed and enters airways. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects. EUH066: Repeated exposure may cause skin dryness or cracking. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273: Avoid release to the environment. P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor. P331: Do NOT induce vomiting. P405: Store locked up.
GB CLP Regulation, UK SI 2019/720 a UK SI 2020/1567 2.2 Label elements Product Name Hazard Pictogram(s) Signal Word(s) Hazard Statement(s) Precautionary Statement(s) Additional Information	nd Aerosol 1 :Extremely flammable aerosol. Pressurised container: May burst if heated. Asp. Tox. 1 :May be fatal if swallowed and enters airways. STOT SE 3 :May cause drowsiness or dizziness. Aquatic Chronic 2 :Toxic to aquatic life with long lasting effects. According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567 JAC 2 - AEROSOL GHS02 GHS02 GHS08 GHS07 GHS09 Danger H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated. H304: May be fatal if swallowed and enters airways. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects. EUH066: Repeated exposure may cause skin dryness or cracking. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273: Avoid release to the environment. P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor. P31: Do NOT induce vomiting. P405: Store locked up. P501: Dispose of contents in accordance with local, state or national legislation. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition
GB CLP Regulation, UK SI 2019/720 a UK SI 2020/1567 <b>2.2 Label elements</b> Product Name Hazard Pictogram(s) Signal Word(s) Hazard Statement(s) Precautionary Statement(s)	<ul> <li>Aerosol 1 :Extremely flammable aerosol. Pressurised container: May burst if heated. Asp. Tox. 1 :May be fatal if swallowed and enters airways. STOT SE 3 :May cause drowsiness or dizziness. Aquatic Chronic 2 :Toxic to aquatic life with long lasting effects.</li> <li>According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567 JAC 2 - AEROSOL</li> <li>GHS02</li> <li>GHS08</li> <li>GHS07</li> <li>GHS09</li> <li>Danger</li> <li>H222: Extremely flammable aerosol.</li> <li>H229: Pressurised container: May burst if heated.</li> <li>H304: May be fatal if swallowed and enters airways.</li> <li>H336: May cause drowsiness or dizziness.</li> <li>H411: Toxic to aquatic life with long lasting effects.</li> <li>EUH066: Repeated exposure may cause skin dryness or cracking.</li> <li>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P273: Avoid release to the environment.</li> <li>P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.</li> <li>P331: Do NOT induce vomiting.</li> <li>P405: Store locked up.</li> <li>P501: Dispose of contents in accordance with local, state or national legislation. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Keep out of the reach of children. Protect from sunlight. Do not expose to</li> </ul>



### 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

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Dimethyl ether	115-10-6	204-065-8		Flam. Gas 1A H220 Press. Gas (Comp.) H280	GHS02 GHS04
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics.	None assigned	920-750-0		Flam. Liq. 2 H225 Asp. Tox. 1 H304 STOT SE 3 H336 Aquatic Chronic 2 H411 EUH066	GHS02 GHS08 GHS07 GHS09

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

SECTION 4: FIRST AID MEASURES				
4.1 Description of first aid measures				
Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.			
Skin Contact	Wash skin with 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			
Ingestion	symptoms persist, obtain medical attention. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.			
4.2 Most important symptoms and eff				
	Aspiration into the lungs may cause chemical pneumonitis, which can be fatal. May			
4.3 Indication of any immediate mode	cause drowsiness or dizziness. cal attention and special treatment needed			
4.3 Indication of any inmediate medi	Unlikely to be required but if necessary treat symptomatically.			
SECTION 5: FIREFIGHTING MEASURE	S			
Extremely flammable aerosol. Pressurise 5.1 Extinguishing media	ed container: May burst if heated.			
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. 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. 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 M	IEASURES			
contained as any other solvent spill.	p present spillage or leakage hazard. In case of rupture, released content should be			

### 6.1 Personal precautions, protective equipment and emergency procedures

en recentar proceduiene, procedure e	
	Ensure adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure full
	personal protection (including respiratory protection) during removal of spillages.
	personal protocilor (mercaning roopmatery protocilor) daming removal of opmagoe.
6.2 Environmental precautions	
	Avoid release to the environment.
6.3 Methods and material for containn	nent and cleaning up
	Collect mechanically and dispose of according to Section 13. Adsorb spillages onto sand, earth or any suitable adsorbent material. Collect spillage. Transfer to a lidded container for disposal or recovery. Containers must not be punctured or destroyed by burning, even when empty.
6.4 Reference to other sections	
	See Also Section 8, 13.



### SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling				
	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. Pressurised container - Do not pierce or burn, even after use. Use only outdoors or in a well- ventilated area. Avoid breathing mist/vapours/spray. Wear protective gloves/eye protection/face protection. Wash hands and exposed skin thoroughly after handling.			
7.2 Conditions for safe storage, include	ding any incompatibilities			
-	Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed. Store locked up.			
Storage temperature	Do not expose to temperatures exceeding 50°C/ 122°F.			
Storage life	Stable under normal conditions.			
Incompatible materials 7.3 Specific end use(s)	Strong oxidising agents.			
	<ul> <li>For use in the Dye Penetrant Inspection Process BS EN ISO 571-1:1997 (BS EN ISO 3452-2:2006 Sensitivity level 2 when used in conjunction with penetrant family products).</li> </ul>			

Coating compound/ Surface coating/ paint.

#### 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/m³)	Note
Dimethyl ether	115-10-6	400	766	500	958	

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

#### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Use with ventilation, local exhaust ventilation or breathing protection. 8.2.2. Personal protection equipment Eye Protection Not normally required. Wear protective eyewear (goggles, face shield, or safety glasses). 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. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Protective gloves should be replaced at first signs of wear. Material: Nitrile rubber Break through time: > 480 min Glove thickness: > 0.38 mm Protective index: Class 6 In case of insufficient ventilation, wear suitable respiratory equipment. A suitable Respiratory protection

mask with filter type AX may be appropriate.

Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties Appearance Aerosol

Odour Odour threshold pH Aerosol Colour: Clear Colourless. Characteristic. Not established. Not known.



#### Melting point/freezing point Not known. Initial boiling point and boiling range -24°C Flash Point Not applicable. Evaporation rate Not known. Flammability (solid, gas) Extremely flammable aerosol. Upper/lower flammability or explosive 0.9-18.6 Vol-% limits Vapour pressure 5200hPa @ 20°C Vapour density Not known. Density (g/ml) 0.687 @ 20°C Relative density Not known. Solubility(ies) Solubility (Water): Immiscible with water. Solubility (Other): Not known. Partition coefficient: n-octanol/water Not known. The product is not self-igniting. Auto-ignition temperature Decomposition Temperature (°C) Not known. Viscosity Not known. Explosive properties Pressurised container: May burst if heated. Oxidising properties Not oxidising. 9.2 Other information Ignition temperature >220°C Organic solvents 59.7% 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 Keep away from heat and direct sunlight. 10.5 Incompatible materials

Strong oxidising agents.

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.					
Acute toxicity - Skin Contact	Calculation method : Not classified.					
-	Low acute toxicity.					
Acute toxicity - Inhalation	Calculation method : Not classified.					
	Low acute toxicity.					
Skin corrosion/irritation	Calculation method : Not classified.					
	Non-irritant.					
Serious eye damage/irritation	Calculation method : Not classified.					
	Non-irritant.					
Skin sensitization data	Calculation method : Not classified.					
	It is not a skin sensitiser.					
Respiratory sensitization data	Calculation method : Not classified.					
Germ cell mutagenicity	Calculation method : Not classified.					
eenn een matagemeny	There is no evidence of mutagenic potential.					
Carcinogenicity	Calculation method : Not classified.					
Carolinogoniony	No evidence of carcinogenicity.					
Reproductive toxicity	Calculation method : Not classified.					
Reproductive toxicity	No evidence of reproductive effects.					
Lactation	Calculation method : Not classified.					
STOT - single exposure	Calculation method : May cause drowsiness or dizziness. No data.					
STOT - single exposure						
	Effects and Symptoms: Headache, dizziness, nausea and vomiting. Causes shortness of breath					
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

12.1 Toxicity	
-	Toxic to aquatic life with long lasting effects.
Toxicity - Aquatic invertebrates	No data.
Toxicity - Fish	No data.
Toxicity - Algae	No data.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.
12.2 Persistence and degradability	Dart of the components are nearly biodegradable
	Part of the components are poorly biodegradable. Dimethyl ether: 5% (28 days) (OECD 301D)
12.3 Bioaccumulative potential	
	No information on this formulation.
12.4 Mobility in soil	
,	Immiscible with water. The product is predicted to have low mobility in soil. The
	product is volatile and will partition into the atmosphere.
12.5 Results of PBT and vPvB assess	
	Not classified as PBT or vPvB.
12.6 Other adverse effects	
	Not known.
SECTION 13: DISPOSAL CONSIDERAT	IONS
SECTION 13. DIST COAL CONSIDERAT	
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
13.2 Additional Information	an approved waste disposal facility.
13.2 Additional information	Disposal should be in accordance with local, state or national legislation.
SECTION 14: TRANSPORT INFORMAT	ON
14.1 UN number	
UN No.	1950
14.2 UN proper shipping name	
UN proper shipping name	AEROSOLS
14.3 Transport hazard class(es)	
ADR/RID	
ADR/RID Class	2
ADR Classification Code	5F
Special Provisions Limited Quantities	190, 327, 344, 625 1 L
Excepted Quantities	EO
Emergency Action Code	20
Mixed Packing Instructions for Packages	P207   P200
Special Packing Provisions for Packages	
Mixed Packing Instructions for Packages	
Packing Instructions for Portable Tanks	
Special Provisions for Portable Tanks	
Tank Code for Tanks	
Special Provisions for Tanks	
Vehicle for Tank Carriage	
ADR Transport Category	2
Tunnel Restriction Code	D
Special Provisions for Carriage -	V14
Packages	
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading	, CV9 CV12
Unloading and Handling	
Special Provisions for Carriage -	S2
Operation ADR HIN	
IMDG IMDG Class	2
Special Provisions	2 190, 327, 344, 625
Limited Quantities	1L
Excepted Quantities	EO
Mixed Packing Instructions for Packages	
Special Packing Provisions for Packages	PP87 RR6 L2



#### Packing Instructions for Portable Tanks Special Provisions for Portable Tanks IMDG EMS F-D, S-U Stowage and Handling SW1 SW22 Segregation SG69 Marine Pollutant ICAO/IATA IATA Proper Shipping Name AEROSOLS Excepted Quantities E0 Passenger and Cargo Aircraft Limited Y203 Quantities Packing Instructions Passenger and Cargo Aircraft Limited 30Kg Quantities Max net Qty Passenger and Cargo Aircraft Packing 203 Instructions Passenger and Cargo Aircraft Max net 75Kg Qty Cargo Aircraft Packing Instructions 203 150Kg Cargo Aircraft Max net Qty Special Provisions A145, A167, A802 Emergency Response Guidebook (ERG) 10L Code Labels Labels 2.1 14.4 Packing group Packing group 14.5 Environmental hazards Environmental hazards Classified as a Marine Pollutant. 14.6 Special precautions for user

Special precautions for user Not known. 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No information available

### 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) Dimethyl ether (115-10-6), Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics. Restrictions on the manufacture, placing (EC No.: 920-750-0) 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.

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# **JAC 2 - AEROSOL**

# SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

### LEGEND

Hazard Pictogram(s)				×
	GHS02 (	GHS08	GHS07	GHS09
	GHS04: GHS: Gas cyl	linder		
Hazard classification	Flam. Gas 1A : Flamm Aerosol 1 : Aerosol, Ca		1A	
	Flam. Liq. 2 : Flammal	ble liquid, Category	2	
	Press. Gas (Comp.) : (	Gases under pressu	ure, Compressed gas	6
	Asp. Tox. 1 : Aspiratio	n hazard, Category	1	
	STOT SE 3 : Specific	target organ toxicity	- single exposure,	Category 3
	Aquatic Chronic 2 : Ha	azardous to the aqua	atic environment, Ch	ronic, Category 2
Hazard Statement(s)	H220: Extremely flamr H222: Extremely flamr	mable aerosol.		
	H225: Highly flammab	le liquid and vapour	r.	
	H229: Pressurised cor	ntainer: May burst if	heated.	
	H280: Contains gas ur			
	H304: May be fatal if s		•	
	H336: May cause drow			
	H411: Toxic to aquatic	-	-	
	EUH066: Repeated ex		•	•
Precautionary Statement(s)	P210: Keep away from sources. No smoking. P211: Do not spray on			s and other ignition
	P251: Do not pierce or		-	
	P261: Avoid breathing			
	P271: Use only outdoo	ors or in a well-venti	lated area.	
	P273: Avoid release to	the environment.		
	P301+P310: IF SWAL	LOWED: Immediat	tely call a POISON C	ENTRE/doctor.
	P304+P340: IF INHAL breathing.			ep comfortable for
	P312: Call a POISON	-	ou feel unwell.	
	P331: Do NOT induce	0		
	P391: Collect spillage. P403+P233: Store in a		co. Koon containar t	ightly closed
	P405: Store locked up			ignity closed.
	P410+P412: Protect fr 122°F.		ot expose to temperat	tures exceeding 50°C/
	P501: Dispose of cont	ents in accordance	with local, state or na	ational legislation.
Acronyms	ADN : European Agree Goods by Inland Wate	ement concerning thereways	ne International Carri	age of Dangerous
	ADR : European Agree	ement concerning th	ne International Carri	age of Dangerous
	Goods by Road ATE : Acute Toxicity E	stimate		
	CAS : Chemical Abstra			
	DNEL : Derived No Ef			
	EC : European Comm EINECS : European Ir		Commercial Chemic	al Substances
	IATA : International Ai	r Transport Associa		
	IBC : Intermediate Bul		ration	
	ICAO : International C IMDG : International N			
	LTEL : Long term expo	osure limit		
	PBT : Persistent, Bioa			
	PNEC : Predicted No I REACH : Registration,			on of Chemicals
		,		



RID : Regulations concerning the International Carriage of Dangerous Goods by Rail STEL : Short term exposure limit STOT : Specific Target Organ Toxicity UN : United Nations vPvB : very Persistent and very Bioaccumulative

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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