

# 316821 Stamp Pad Ink 30ml Blk

Lyreco Group (Lyreco F	France)				
Chemwatch: 35-3305	5			Print Date:	20/11/2013
Version No: 2.1.1.1	-			Issue Date:	11/04/2013
Safety Data Sheet (Co	onforms to Regulations (EC	C) No 453/2010)		S.REACH.GBR.EN	
SECTION 1 Id	entification of th	e substance / mixture and of t	he company / undertaking		
1.1. Product Ide					
	entiner				
Product name: Chemical Name:		316821 Stamp Pad Ink 30ml Blk Not Applicable			
Synonyms:		Product Code: 316821			
Proper shipping nar	ne:	Not Applicable			
Chemical formula:		Not Applicable			
Other means of ider	ntification:	Not Available			
CAS number:		Not Applicable			
EC number:		Not Applicable			
Index number: REACH registration	number:	Not Applicable Not Applicable			
_					
		he substance or mixture and uses	advised against		
Relevant identified u		Stamp pad ink.			
Uses advised agains		Not Applicable			
1.3. Details of t	he supplier of the	safety data sheet			
Registered company	/ name:	Lyreco Group (Lyreco France)			
Address:		Rue du 19 Mars 1962 Marly 59770 France			
Telephone: Fax:		+33 3 27 23 64 00 (9a.m-5p.m. CET.) Not Available			
Website:		Not Available			
Email:		Not Available			
	v telephone numbe				
Association / Organi Emergency telephor		Not Available +33 3 27 23 64 00 (9a.m-5p.m. CET.)			
Other emergency tel		+33 3 27 23 64 00 (9a.m-5p.m. CET.)			
	-				
<b>SECTION 2 Ha</b>	zards identificati	ion			
2.1. Classificati	ion of the substan	ce or mixture			
		ing to directive 1999/45/EC, Reg.			
ChemWatch Hazard	Ratings MinMax				
Flammability 0		0 = Minimum			
Toxicity 0 Body Contact 0		1 = Low 2 = Moderate			
Reactivity 0		3 = High 4 = Extreme			
Chronic 2					
DSD classification:					
	ssification has been prepa	red by following DPD (Directive 1999/45/EC) and	CLP Regulation (EC) No 1272/2008 regulations		
Not Applicable					
Classification accord	ding to regulation (EC) I	No 1272/2008 [CLP]:			
Legend: 1. Classified	by Chemwatch; 2. Classit	fication drawn from EC Directive 67/548/EEC - Al	nnex I; 3. Classification drawn from EC Directive 1272/2008	- Annex VI	
2.2. Label elem	ents				
CLP label elements					
Not Applicable	NOT				
Signal word:		APPLICABLE			
Hazard statement(s)	):				
Not Applicable	mont(a).				
Supplementary state	ement(s):				
Precautionary stater	ment(s): Prevention				
Not Applicable P101	If medical advice is need	ed, have product container or label at hand.			
P102	Keep out of reach of child				
P103	Read label before use.				
Precautionary staten	ment(s): Response				
Not Applicable					

Precautionary statement(s): Storage

Precautionar	y statement(s): Disposal	
Not Applicable		
DSD / DPD la	bel elements	
Not Applicable Relevant risk st	atements are found in section	in 2.1
Indication(s) of danger: Not Applica		Not Applicable
Safety advice	:	
S02	Keep out of reach	of children.
2.3. Other	hazards	

# Limited evidence of a carcinogenic effect\*.

Cumulative effects may result following exposure\*.

## **SECTION 3 Composition / information on ingredients**

#### 3.1. Substances

See 'Composition on ingredients' in Section 3.2

## 3.2. Mixtures

5.2. MIXtures				
1. CAS No 2. EC No 3. Index No 4. REACH No	%[weight]	Name	Classification according to directive 67/548/EEC [DSD]	Classification according to regulation (EC) No 1272/2008 [CLP]
1. 56-81-5 2. 200-289-5 3. Not Available 4. 01-2119471987-18-XXXX	1-10	glycerol	R36/37/38 <sup>[1]</sup>	STOT - SE (Resp. Irr.) Category 3, Eye Irritation Category 2, Skin Corrosion/Irritation Category 2; H335, H319, H315 <sup>[1]</sup>
1. 1332-58-7 2. Not Available 3. Not Available 4. Not Available	1-10	kaolin	Not Applicable	Not Applicable
1. 1333-86-4 2. 215-609-9 3. Not Available 4. 01-2119384822-32-XXXX, 01-2119489801-30-XXXX, 01-2119475601-40-XXXX	1-10	carbon black	R40(3), R7 <sup>[1]</sup>	Carcinogen Category 2; H351 <sup>[1]</sup>
<ol> <li>Not Available</li> <li>Not Available</li> <li>Not Available</li> <li>Not Available</li> </ol>	>60	ingredients, non-hazardous	Not Applicable	Not Applicable

Legend: 1. Classified by Chemwatch; 2. Classification drawn from EC Directive 67/548/EEC - Annex I; 3. Classification drawn from EC Directive 1272/2008 - Annex VI

## SECTION 4 First aid measures

4.1. Description of first aid measures

#### General:

- If fumes, aerosols or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.
- If swallowed do **NOT** induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- · Seek medical advice.

If this product comes in contact with eyes:

- Wash out immediately with water.
  - If irritation continues, seek medical attention.
  - Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
- Treat symptomatically. If skin or hair contact occurs:
  - Flush skin and hair with running water (and soap if available).
  - Seek medical attention in event of irritation.

## Eye Contact:

If this product comes in contact with eyes:

- Wash out immediately with water.
- If irritation continues, seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

### Skin Contact:

- If skin or hair contact occurs:
  - Flush skin and hair with running water (and soap if available).
  - Seek medical attention in event of irritation.

### Inhalation:

- If fumes, aerosols or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

#### Ingestion:

- If swallowed do **NOT** induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.

#### See Section 11

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

Treat symptomatically.

## SECTION 5 Firefighting measures

5.1. Extinguishing media

The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used.

5.2. Special hazards arising from the substrate or mixture

#### Fire Incompatibility:

#### None known.

5.3. Advice for firefighters

#### Fire Fighting:

Alert Fire Brigade and tell them location and nature of hazard.

#### Fire/Explosion Hazard:

• The material is not readily combustible under normal conditions.

## **SECTION 6 Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

#### See section 8

6.2. Environmental precautions

#### See section 12

6.3. Methods and material for containment and cleaning up

#### Minor Spills:

Clean up all spills immediately.

#### Major Spills:

Moderate hazard.

6.4. Reference to other sections

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

## **SECTION 7 Handling and storage**

## 7.1. Precautions for safe handling

#### Safe handling

Limit all unnecessary personal contact.

#### Fire and explosion protection

See section 5

## Other information

• Store in original containers.

7.2. Conditions for safe storage, including any incompatibilities

#### Suitable container:

Polyethylene or polypropylene container.

#### Storage incompatibility:

• Avoid reaction with oxidising agents, bases and strong reducing agents.

#### Package Material Incompatibilities:

7.3. Specific end use(s)

See section 1.2

## SECTION 8 Exposure controls / personal protection

8.1. Control parameters

Derived No Effect Level (DNEL)		
Exposure Pattern	Workers	General Population
Long term - dermal, systemic effects	Not Available	Not Available
Long term - inhalation, systemic effects	Not Available	Not Available
Long term - oral, systemic effects	Not Available	Not Available
Long term - dermal, local effects	Not Available	Not Available
Long term - inhalation, local effects	Not Available	Not Available
Short term - dermal, systemic effects	Not Available	Not Available
Short term - inhalation, systemic effects	Not Available	Not Available
Short term - oral, systemic effects	Not Available	Not Available
Short term - dermal, local effects	Not Available	Not Available
Short term - inhalation, local effects	Not Available	Not Available

Fresh Water	Not Applicable	
Marine Water	Not Applicable	
Aqua	Not Applicable	
Fresh water sediment	Not Applicable	
Marine water sediment	Not Applicable	
Soil	Not Applicable	
STP	Not Applicable	
ORAL	Not Applicable	
Occupational Exposure Limits (OEL)		

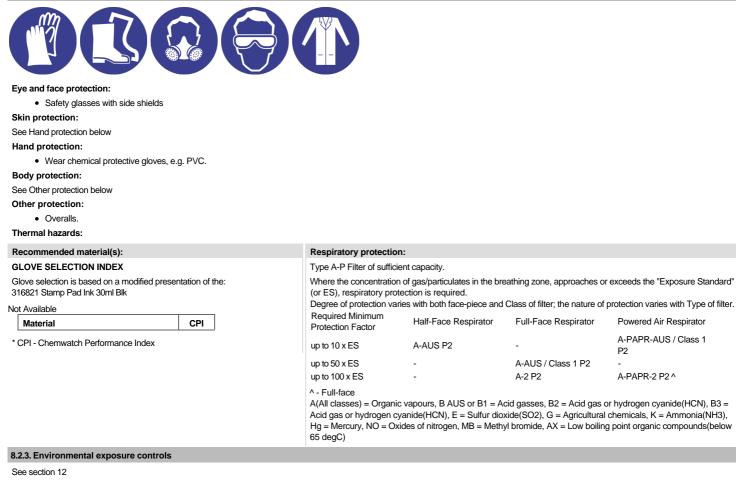
INGREDIENT DATA						
Source	Ingredient	Material name	TWA	STEL	Peak	Notes
UK Workplace Exposure Limits (WELs)	glycerol	Glycerol, mist	10 (mgm3)	Not Available	Not Available	Not Available
UK Workplace Exposure Limits (WELs)	kaolin	Kaolin, respirable dust	2 (mgm3)	Not Available	Not Available	Not Available
UK Workplace Exposure Limits (WELs)	carbon black	Carbon black	3.5 (mgm3)	7 (mgm3)	Not Available	Not Available
Emergency Limits						
Ingredient	TEEL-0	TEEL-1		TEEL-2		TEEL-3
glycerol	15(ppm)	100(ppm)	500(ppm)		500(ppm)	
aolin	5(ppm)	6(ppm)	125(ppm)		500(ppm)	
arbon black	3.5(ppm)	10.5(ppm)	17.5(ppm)		500(ppm)	
Ingredient		Original IDLH			Revised	IDLH
carbon black	N.E.(mgm3)N.E.(ppm	)		1,750(mgm	3)	

8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard.

#### 8.2.2. Personal protection



## **SECTION 9 Physical and chemical properties**

9.1. Information on basic physical and chemical properties

#### Appearance

Black liquid; mixes with water.

Physical state
Odour
Odour threshold
pH (as supplied)
Melting point / freezing point (°C)

Liauid Not Available Not Available Not Available Not Available

Relative density (Water = 1) Partition coefficient n-octanol / water Auto-ignition temperature (°C) Decomposition temperature Viscosity (cSt) Page 4 of 8

Half-Face Respirator

A-AUS P2

Full-Face Respirator

A-AUS / Class 1 P2

A-2 P2

Powered Air Respirator

A-PAPR-AUS / Class 1

A-PAPR-2 P2 ^

P2

-

Not Available Not Available Not Applicable Not Available Not Available

Initial boiling point and boiling range (°C)
Flash point (°C)
Evaporation rate
Flammability
Upper Explosive Limit (%)
Lower Explosive Limit (%)
Vapour pressure (kPa)
Solubility in water (g/L)
Vapour density (Air = 1)

Not Available Not Available Not Available Not Available Not Applicable Not Applicable Not Available Miscible Not Available Molecular weight (g/mol) Taste Explosive properties Oxidising properties Surface Tension (dyn/cm or mN/m) Volatile Component (%vol) Gas group pH as a solution(1%) Not Applicable Not Available Not Available Not Available Not Available Not Available Not Available

## 9.2. Other information

Not Available

## SECTION 10 Stability and reactivity

10.1. Reactivity:See section 7.210.2. Chemical stability:

Presence of incompatible materials.

10.3. Possibility of hazardous reactions:

See section 7.2

10.4. Conditions to avoid:

See section 7.2

10.5. Incompatible materials:

See section 7.2

10.6. Hazardous decomposition products:

See section 5.3

## **SECTION 11 Toxicological information**

## 11.1. Information on toxicological effects

### Inhaled:

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models).

Ingestion:

## The material has

Skin Contact:

#### The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models).

#### Eye:

Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

#### Chronic:

Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.

ΤΟΧΙΟΙΤΥ		IRRITATION			
316821 Stamp Pad Ink 30ml Blk					
Not Available		Not Available			
glycerol					
Intraperitoneal (Mouse) LD50: 8700 mg/l	kg				
Intraperitoneal (Rat) LD50: 4420 mg/kg					
Intravenous (Mouse) LD50: 4250 mg/kg					
Intravenous (Rat) LD50: 5566 mg/kg					
Oral (Guinea pig) LD50: 7750 mg/kg					
Oral (Mouse) LD50: 4090 mg/kg					
Oral (Rat) LD50: 12600 mg/kg					
Subcutaneous (Mouse) LD50: 91 mg/kg					
Subcutaneous (Rat) LD50: 100 mg/kg					
Not Available		Not Available			
kaolin					
Not Available		Not Available			
carbon black					
Dermal (rabbit) LD50: >3000 mg/kg					
Not Available		Not Available			
* Value obtained from manufacturer's ms	ds				
GLYCEROL					
For glycerol:					
CARBON BLACK					
Inhalation (rat) TCLo: 50 mg/m3/6h/90D	-I Nil reported				
316821 Stamp Pad Ink 30ml Blk, KAC	DLIN, CARBON BLACK				
No significant acute toxicological data id	lentified in literature search.				
Acute Toxicity:	Not Applicable	Carcinogenicity:	Not Applicable		
Skin Irritation/Corrosion:	Not Applicable	Reproductivity:	Not Applicable		
Serious Eye Damage/Irritation:	Not Applicable	STOT - Single Exposure:	Not Applicable		
Respiratory or Skin sensitisation:	Not Applicable	STOT - Repeated Exposure:	Not Applicable		

Mutagenicity:	Not Applicable	Assiration Horard	Not Applicable
CMR STATUS		Aspiration Hazard:	
CIVIR STATUS			
SECTION 12 Ecological in	formation		
12.1. Toxicity			
DO NOT			
12.2. Persistence and degra	adability		
Ingredient	Persistence: Water/Soil		Persistence: Air
Not Available	Not Available		Not Available
12.3. Bioaccumulative pote	ntial		
Ingredient	Bioaccumulation		
Not Available	Not Available		
12.4. Mobility in soil	Mahilita		
Ingredient Not Available	<b>Mobility</b> Not Available		
12.5. Results of PBT and v	PvB assessment		
	P	В	т
Relevant available data	Not Available	Not Available	Not Available
PBT and vPvB Criteria fulfilled?	Not Available	Not Available	Not Available
12.6. Other adverse effects			
No data available			
SECTION 13 Disposal co	nsiderations		
13.1. Waste treatment meth	ods		
Product / Packaging disposal:			
Recycle wherever possible or      Waste treatment options:	consult manufacturer for recycling o	ptions.	
Sewage disposal options:			
No relevant data			
SECTION 14 Transport in	formation		
Labels Required:			
Marine Pollutant: NO			
HAZCHEM: Land transport (ADR): NOT REGUL	ATED FOR TRANSPORT OF DA	NGEROUS GOODS	
14.1. UN number	Not Available	14.4. Packing group	Not Available
14.2. UN proper shipping name	Not Applicable	14.5. Environmental hazard	No relevant data
			Hazard identification (Kemler)
	Class:		Classification code
14.3. Transport hazard class(es)	Subrisk:	14.6. Special precautions for user	
			Hazard Label
			Special provisions
Air transport (ICAO-IATA / DGR): NO			Special provisions limited quantity
14.1. UN number	DT REGULATED FOR TRANSPOR Not Available	14.4. Packing group	Special provisions limited quantity Not Available
			Special provisions limited quantity Not Available No relevant data
14.1. UN number		14.4. Packing group	Special provisions limited quantity Not Available
14.1. UN number	Not Available	14.4. Packing group	Special provisions limited quantity Not Available No relevant data Special provisions:
14.1. UN number		14.4. Packing group	Special provisions limited quantity Not Available No relevant data Special provisions: Cargo Only Packing Instructions: Cargo Only Maximum Qty / Pack: Passenger and Cargo Packing Instructions:
14.1. UN number 14.2. UN proper shipping name	Not Available ICAO/IATA Class:	14.4. Packing group 14.5. Environmental hazard	Special provisions limited quantity Not Available No relevant data Special provisions: Cargo Only Packing Instructions: Cargo Only Maximum Qty / Pack: Passenger and Cargo Packing Instructions: Passenger and Cargo Maximum Qty / Pack:
14.1. UN number 14.2. UN proper shipping name	Not Available ICAO/IATA Class: ICAO / IATA Subrisk:	14.4. Packing group 14.5. Environmental hazard	Special provisions limited quantity Not Available No relevant data Special provisions: Cargo Only Packing Instructions: Cargo Only Maximum Qty / Pack: Passenger and Cargo Packing Instructions:
14.1. UN number 14.2. UN proper shipping name	Not Available ICAO/IATA Class: ICAO / IATA Subrisk:	14.4. Packing group 14.5. Environmental hazard	Special provisions limited quantity Not Available No relevant data Special provisions: Cargo Only Packing Instructions: Cargo Only Maximum Qty / Pack: Passenger and Cargo Packing Instructions: Passenger and Cargo Maximum Qty / Pack: Passenger and Cargo Maximum Qty / Pack:
14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class(es)	Not Available ICAO/IATA Class: ICAO / IATA Subrisk: ERG Code:	<ul><li>14.4. Packing group</li><li>14.5. Environmental hazard</li><li>14.6. Special precautions for user</li></ul>	Special provisions limited quantity Not Available No relevant data Special provisions: Cargo Only Packing Instructions: Cargo Only Maximum Qty / Pack: Passenger and Cargo Packing Instructions: Passenger and Cargo Maximum Qty / Pack: Passenger and Cargo Limited Quantity Packing Instructions:
14.1. UN number 14.2. UN proper shipping name	Not Available ICAO/IATA Class: ICAO / IATA Subrisk: ERG Code:	<ul><li>14.4. Packing group</li><li>14.5. Environmental hazard</li><li>14.6. Special precautions for user</li></ul>	Special provisions limited quantity Not Available No relevant data Special provisions: Cargo Only Packing Instructions: Cargo Only Maximum Qty / Pack: Passenger and Cargo Packing Instructions: Passenger and Cargo Maximum Qty / Pack: Passenger and Cargo Limited Quantity Packing Instructions:
<ul> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> <li>Sea transport (IMDG-Code / GGVSet)</li> </ul>	Not Available ICAO/IATA Class: ICAO / IATA Subrisk: ERG Code: e): NOT REGULATED FOR TRAM	14.4. Packing group         14.5. Environmental hazard         14.6. Special precautions for user         NSPORT OF DANGEROUS GOODS	Special provisions limited quantity Not Available No relevant data Special provisions: Cargo Only Packing Instructions: Cargo Only Packing Instructions: Cargo Only Maximum Qty / Pack: Passenger and Cargo Packing Instructions: Passenger and Cargo Maximum Qty / Pack: Passenger and Cargo Limited Quantity Packing Instructions: Passenger and Cargo Maximum Qty / Pack:
<ul> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> <li>Sea transport (IMDG-Code / GGVSea 14.1. UN number</li> </ul>	Not Available ICAO/IATA Class: ICAO / IATA Subrisk: ERG Code: e): NOT REGULATED FOR TRAN Not Available	14.4. Packing group         14.5. Environmental hazard         14.6. Special precautions for user         NSPORT OF DANGEROUS GOODS         14.4. Packing group	Special provisions limited quantity Not Available No relevant data Special provisions: Cargo Only Packing Instructions: Cargo Only Packing Instructions: Cargo Only Maximum Qty / Pack: Passenger and Cargo Packing Instructions: Passenger and Cargo Limited Quantity Packing Instructions: Passenger and Cargo Maximum Qty / Pack: Passenger and Cargo Maximum Qty / Pack: Passenger and Cargo Maximum Qty / Pack:
<ul> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> <li>Sea transport (IMDG-Code / GGVSea 14.1. UN number</li> </ul>	Not Available ICAO/IATA Class: ICAO / IATA Subrisk: ERG Code: e): NOT REGULATED FOR TRAM	14.4. Packing group         14.5. Environmental hazard         14.6. Special precautions for user         NSPORT OF DANGEROUS GOODS         14.4. Packing group	Special provisions         limited quantity         Not Available         No relevant data         Special provisions:         Cargo Only Packing Instructions:         Cargo Only Maximum Qty / Pack:         Passenger and Cargo Packing Instructions:         Passenger and Cargo Packing Instructions:         Passenger and Cargo Maximum Qty / Pack:         Passenger and Cargo Maximum Qty / Pack:
<ul> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> <li>Sea transport (IMDG-Code / GGVSea</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> </ul>	Not Available ICAO/IATA Class: ICAO / IATA Subrisk: ERG Code: e): NOT REGULATED FOR TRAN Not Available IMDG Class:	14.4. Packing group         14.5. Environmental hazard         14.6. Special precautions for user         IMSPORT OF DANGEROUS GOODS         14.4. Packing group         14.5. Environmental hazard	Special provisions         limited quantity         Not Available         No relevant data         Special provisions:         Cargo Only Packing Instructions:         Cargo Only Maximum Qty / Pack:         Passenger and Cargo Packing Instructions:         Passenger and Cargo Packing Instructions:         Passenger and Cargo Maximum Qty / Pack:
<ul> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> <li>Sea transport (IMDG-Code / GGVSea</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> </ul>	Not Available ICAO/IATA Class: ICAO / IATA Subrisk: ERG Code: e): NOT REGULATED FOR TRAN Not Available IMDG Class: IMDG Subrisk:	14.4. Packing group 14.5. Environmental hazard 14.6. Special precautions for user NSPORT OF DANGEROUS GOODS 14.4. Packing group 14.5. Environmental hazard 14.6. Special precautions for user	Special provisions         limited quantity         Not Available         No relevant data         Special provisions:         Cargo Only Packing Instructions:         Cargo Only Maximum Qty / Pack:         Passenger and Cargo Packing Instructions:         Passenger and Cargo Packing Instructions:         Passenger and Cargo Maximum Qty / Pack:         Passenger and Cargo Maximum Qty / Pack:
<ul> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> <li>Sea transport (IMDG-Code / GGVSet</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> </ul>	Not Available ICAO/IATA Class: ICAO / IATA Subrisk: ERG Code: e): NOT REGULATED FOR TRAN Not Available IMDG Class: IMDG Subrisk:	14.4. Packing group 14.5. Environmental hazard 14.6. Special precautions for user NSPORT OF DANGEROUS GOODS 14.4. Packing group 14.5. Environmental hazard 14.6. Special precautions for user	Special provisions         limited quantity         Not Available         No relevant data         Special provisions:         Cargo Only Packing Instructions:         Cargo Only Maximum Qty / Pack:         Passenger and Cargo Packing Instructions:         Passenger and Cargo Packing Instructions:         Passenger and Cargo Maximum Qty / Pack:         Mot Available         No relevant data         EMS Number:         Special provisions:
<ul> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> <li>Sea transport (IMDG-Code / GGVSec</li> <li>14.1. UN number</li> <li>14.2. UN proper shipping name</li> <li>14.3. Transport hazard class(es)</li> <li>Inland waterways transport (ADN): N</li> </ul>	Not Available ICAO/IATA Class: ICAO / IATA Subrisk: ERG Code: INOT REGULATED FOR TRANN Not Available IMDG Class: IMDG Subrisk: IMDG Subrisk:	14.4. Packing group         14.5. Environmental hazard         14.6. Special precautions for user         NSPORT OF DANGEROUS GOODS         14.4. Packing group         14.5. Environmental hazard         14.6. Special precautions for user         000000000000000000000000000000000000	Special provisions limited quantity Not Available No relevant data Special provisions: Cargo Only Packing Instructions: Cargo Only Maximum Qty / Pack: Passenger and Cargo Packing Instructions: Passenger and Cargo Maximum Qty / Pack: Passenger and Cargo Iunited Quantity Packing Instructions: Passenger and Cargo Maximum Qty / Pack: Not Available No relevant data EMS Number: Special provisions: Limited Quantities:

14.3. Transport hazard class(es)	:	14.6. Special precautions for user	Limited quantity Equipment required Fire cones number	
Transport in bulk according to Annex	II of MARPOL 73 / 78 and the IBC co	de		
Source	Ingredient	Pollution Category	Residual Concentration - Outside Special Area (% w/w)	Residual Concentratio
IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances	glycerol	Not Available	Not Available	Not Available

Classification code

## **SECTION 15 Regulatory information**

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

#### glycerol(56-81-5) is found on the following regulatory lists

"GESAMP/EHS Composite List - GESAMP Hazard Profiles", "FisherTransport Information", "Sigma-AldrichTransport Information", "IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances", "CODEX General Standard for Food Additives (GSFA) - Additives Permitted for Use in Food in General, Unless Otherwise Specified, in Accordance with GMP", "IOFI Global Reference List of Chemically Defined Substances", "International Fragrance Association (IFRA) Survey: Transparency List", "International Numbering System for Food Additives", "OECD List of High Production Volume (HPV) Chemicals", "International Council of Chemical Associations (ICCA) - High Production Volume List", "IMO IBC Code Chapter 18: List of products to which the Code does not apply", "UK Workplace Exposure Limits (WELs)", "Europe ECHA Registered Substances - Classification and Labelling - DSD-DPD", "Europe ScCNFP First Update of the Inventory of Ingredients Employed in Cosmetic Products - Section II: Perfume and Aromatic Raw Materials", "European Union (EU) Inventory of Fragrance Ingredients (Perfume and Aromatic Raw Materials)", "Europe Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food - Annex I: Substances", "European Chemical Agency (ECHA) Classification & Labelling Inventory - Notified classification and labelling according to CLP criteria", "European Union (EU) Inventory of Ingredients used in Cosmetic Products", "Europe Substances Listed in EU Directives on Plastics in Contact with Food", "European Chemical Agency (ECHA) List of substances identified for registration Numbers", "Europe European Chemicals Agency (ECHA) List of substances identified for registration in 2010", "Europe European Chemicals Agency (ECHA) List of Registered Phase-in Substances", "Europe European Chemicals Agency (ECHA) List of substances", "Europe ECHA Registered Substances - Classification and Labelling - GHS", "UK The Environmental Protection (Prescribed Processes and Substances), "Europe Europ

#### kaolin(1332-58-7) is found on the following regulatory lists

"GESAMP/EHS Composite List - GESAMP Hazard Profiles","FisherTransport Information", "Sigma-AldrichTransport Information", "OECD List of High Production Volume (HPV) Chemicals", "IMO IBC Code Chapter 18: List of products to which the Code does not apply", "UK Workplace Exposure Limits (WELs)", "Europe Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food - Annex I: Substances", "European Chemical Agency (ECHA) Classification & Labelling Inventory - Notified classification and labelling according to CLP criteria", "European Union (EU) Inventory of Ingredients used in Cosmetic Products", "Europe Substances Listed in EU Directives on Plastics in Contact with Food", "European Chemical Agency (ECHA) Classification & Labelling Inventory - Chemwatch Harmonised classification"

#### carbon black(1333-86-4) is found on the following regulatory lists

"International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs", "Sigma-AldrichTransport Information", "Acros Transport Information", "International Numbering System for Food Additives", "OECD List of High Production Volume (HPV) Chemicals", "International Council of Chemical Associations (ICCA) - High Production Volume List", "UK Workplace Exposure Limits (WELs)", "Europe ECHA Registered Substances - Classification and Labelling - DSD-DPD", "European Union Register of Feed Additives pursuant to Regulation (EC) No 1831/2003 - Annex I: List of Additives", "EU Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products - Annex IV List of Colorants Allowed in Cosmetic Products", "EU Cosmetic Directive 76/768/EEC Annex IV Part 1: List of Colouring Agents Allowed for Use in Cosmetic Products", "EU Cosmetic Directive 76/768/EEC Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food - Annex I: Substances", "EU Cosmetic Directive 76/768/EEC Annex IV Part 1: List of Colouring Agents Allowed for Use in Cosmetic Products (English)", "European Chemical Agency (ECHA) Classification & Labelling Inventory - Notified classification and labelling according to CLP criteria", "European Union (EU) Inventory of Ingredients used in Cosmetic Products", "Europe Substances Listed in EU Directives on Plastics in Contact with Food", "European Chemical Agency (ECHA) Classification & Labelling Inventory - Chemwatch Harmonised classification", "EU Cosmetic Directive 76/768/EEC Annex IV Part 1: List of Colouring Agents Allowed for Use in Cosmetic Products (German)", "Europe European Chemicals Agency (ECHA) List of Registered Phase-in Substances", "Europe European Trade Union Confederation (ETUC) Priority List for REACH Authorisation", "Europe European Chemicals Agency (ECHA) List of Registered Substances", "Europe European Chemicals Agency (ECHA) List of Registered Substances", "Eur

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable -: 67/548/EEC, 1999/45/EC, 98/24/EC, 92/85/EC, 94/33/EC, 91/689/EEC, 1999/13/EC, Regulation (EU) No 453/2010, Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and their amendments as well as the following British legislation: - The Control of Substances Hazardous to Health Regulations (COSHH) 2002 - COSHH Essentials - The Management of Health and Safety at Work Regulations 1999

#### 15.2. Chemical safety assessment

For further information please look at the Chemical Safety Assessment and Exposure Scenarios prepared by your Supply Chain if available.

ECHA SUMMARY			
Ingredient	CAS number	Index No	ECHA Dossier
glycerol	56-81-5	Not Available	01-2119471987-18-XXXX
Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Not Classified	Wng, GHS08, Dgr	H319, H315, H372
2	Not Classified, Eye Irrit. 2, Skin Irrit. 2, STOT RE 2, STOT RE 1	Wng, GHS08, Dgr	H319, H315, H372
Ingredient	CAS number	Index No	ECHA Dossier
kaolin	1332-58-7	Not Available	Not Available
Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
2	Not Classified, STOT RE 1, STOT RE 2	GHS08, Dgr, Wng	H372
1	Not Classified	GHS08, Dgr, Wng	H372, H319, H315, H335
2	Not Classified, Eye Irrit. 2, Skin Irrit. 2, STOT RE 1, STOT RE 2, STOT SE 3	Wng, GHS08, Dgr	H319, H315, H372, H335
Ingredient	CAS number	Index No	ECHA Dossier
carbon black	1333-86-4	Not Available	01-2119384822-32-XXXX, 01-2119489801-30-XXXX, 01-2119475601-40-XXXX
Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Not Classified	GHS08, Wng, Dgr, GHS06, GHS02, GHS09	H351, H372, H319, H251, H228, H315, H370, H410, H332
2	Not Classified, Carc. 2, STOT SE 3, STOT RE 1, Eye Irrit. 2, STOT RE 2, Aquatic Chronic 4, Self-heat. 1, Self-heat. 2, Skin Irrit. 2, STOT SE 1, Aquatic Chronic 1, Acute Tox. 4, Flam. Sol. 2	GHS08, Wng, Dgr, GHS06, GHS02, GHS09	H351, H372, H319, H251, H228, H315, H370, H410, H332

#### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chernwatch Classification committee using available literature references.

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment.

For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

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