

316843 Stamp Pad Ink 30ml Red

Lyreco Group (Lyreco France)

Chemwatch: 35-3307
Version No: 2.1.1.1
Safety Data Sheet (Conforms to Regulations (EC) No 453/2010)

Print Date: 20/11/2013
Issue Date: 18/04/2013
S.REACH.GBR.EN

SECTION 1 Identification of the substance / mixture and of the company / undertaking

1.1. Product Identifier

Product name: 316843 Stamp Pad Ink 30ml Red
Chemical Name: Not Applicable
Synonyms: Product Code: 316843
Proper shipping name: Not Applicable
Chemical formula: Not Applicable
Other means of identification: Not Available
CAS number: Not Applicable
EC number: Not Applicable
Index number: Not Applicable
REACH registration number: Not Applicable

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Stamp pad ink.
Uses advised against: Not Applicable

1.3. Details of the supplier of the safety data sheet

Registered company name: Lyreco Group (Lyreco France)
Address: Rue du 19 Mars 1962 Marly 91770 France
Telephone: +33 3 27 23 64 00 (9a.m-5p.m. CET.)
Fax: Not Available
Website: Not Available
Email: Not Available

1.4. Emergency telephone number

Association / Organisation: Not Available
Emergency telephone numbers: +33 3 27 23 64 00 (9a.m-5p.m. CET.)
Other emergency telephone numbers: +33 3 27 23 64 00 (9a.m-5p.m. CET.)

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Considered a dangerous mixture according to directive 1999/45/EC, Reg.

ChemWatch Hazard Ratings

| | 0 | 1 | 2 | 3 | 4 |
|--------------|---|---|---|---|---|
| Flammability | 0 | | | | |
| Toxicity | 0 | | | | |
| Body Contact | 0 | | | | |
| Reactivity | 0 | | | | |
| Chronic | 2 | | | | |

0 = Minimum
1 = Low
2 = Moderate
3 = High
4 = Extreme

DSD classification:

In case of mixtures, classification has been prepared by following DPD (Directive 1999/45/EC) and CLP Regulation (EC) No 1272/2008 regulations

DPD classification^[1]:

R68(3) Possible risk of irreversible effects.
R62(3) Possible risk of impaired fertility.
R63(3) Possible risk of harm to the unborn child.
R40(3) Limited evidence of a carcinogenic effect.

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

Classification according to regulation (EC) No 1272/2008 [CLP]^[1]:

Germ Cell Mutagen Category 2, Carcinogen Category 2, Reproductive Toxicity Category 2

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

2.2. Label elements

CLP label elements



Signal word:

WARNING

Hazard statement(s):

| | |
|------|---|
| H341 | Suspected of causing genetic defects |
| H351 | Suspected of causing cancer |
| H361 | Suspected of damaging fertility or the unborn child |

Supplementary statement(s):

Not Applicable

Precautionary statement(s): Prevention

| | |
|------|--|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P103 | Read label before use. |
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

Precautionary statement(s): Response

| | |
|-----------|--|
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
|-----------|--|

Precautionary statement(s): Storage

| | |
|------|------------------|
| P405 | Store locked up. |
|------|------------------|

Precautionary statement(s): Disposal

| | |
|------|--|
| P501 | Dispose of contents/container to authorised chemical landfill or if organic to high temperature incineration |
|------|--|

DSD / DPD label elements



Relevant risk statements are found in section 2.1

| | |
|---------------------------------|----|
| Indication(s) of danger: | Xn |
|---------------------------------|----|

Safety advice:

| | |
|-----|--|
| S02 | Keep out of reach of children. |
| S13 | Keep away from food, drink and animal feeding stuffs. |
| S23 | Do not breathe gas/fumes/vapour/spray. |
| S36 | Wear suitable protective clothing. |
| S37 | Wear suitable gloves. |
| S40 | To clean the floor and all objects contaminated by this material, use water. |
| S46 | If swallowed, seek medical advice immediately and show this container or label. |
| S53 | Avoid exposure - obtain special instructions before use. |
| S56 | Dispose of this material and its container at hazardous or special waste collection point. |

2.3. Other hazards

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

| 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. 50-81-7 2. 200-066-2 3. Not Available 4. Not Available | 1-10 | ascorbic acid | R36/37/38, R68(3), R63(3), R62(3), R11, R7, R17 ^[1] | STOT - SE (Resp. Irr.) Category 3, Germ Cell Mutagen Category 2, Pyrophoric Solid Category 1, Eye Irritation Category 2, Reproductive Toxicity Category 2, Self-Heating Material Category 1, Skin Corrosion/Irritation Category 2; H335, H341, H250, H319, H361, H251, H315 ^[1] |
| 1. 1332-58-7 2. Not Available 3. Not Available 4. Not Available | 1-10 | ball clay | R66 ^[1] | Not Applicable |
| 1. 6410-26-0 2. 229-096-4 3. Not Available 4. Not Available | 1-5 | C.I. Pigment Red 21 | R40(3) ^[1] | Carcinogen Category 2; H351 ^[1] |
| | | ingredients determined to be non-hazardous including | | |
| 1. 7732-18-5 2. 231-791-2 3. Not Available 4. Not Available | >60 | water | 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.
- Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

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

- Avoid all personal contact, including inhalation.

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:

None known

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 |

Predicted No Effect Level (PNEC)

| Compartment | Value |
|-----------------------|----------------|
| 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) | ball clay | Kaolin, respirable dust | 2 (mgm3) | Not Available | Not Available | Not Available |

Emergency Limits

| Ingredient | TEEL-0 | TEEL-1 | TEEL-2 | TEEL-3 |
|---------------|----------|----------|----------|----------|
| ascorbic acid | 60(ppm) | 200(ppm) | 500(ppm) | 500(ppm) |
| ball clay | 5(ppm) | 6(ppm) | 125(ppm) | 500(ppm) |
| water | 500(ppm) | 500(ppm) | 500(ppm) | 500(ppm) |

| Ingredient | Original IDLH | Revised IDLH |
|-------------------------------|---------------|---------------|
| 316843 Stamp Pad Ink 30ml Red | Not Available | Not Available |

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



Eye and face protection:

- Safety glasses with side shields

Skin protection:

See Hand protection below

Hand protection:

The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer.

Body protection:

See Other protection below

Other protection:

- Overalls.

Thermal hazards:

Recommended material(s):

Respiratory protection:

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:
316843 Stamp Pad Ink 30ml Red

| Material | CPI |
|----------|-----|
| BUTYL | A |
| NEOPRENE | A |
| VITON | A |

* CPI - Chemwatch Performance Index

8.2.3. Environmental exposure controls

See section 12

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Red liquid; mixes with water.

Physical state

Liquid

Odour

Not Available

Odour threshold

Not Available

pH (as supplied)

Not Available

Melting point / freezing point (°C)

Not Available

Initial boiling point and boiling range (°C)

Not Available

Flash point (°C)

Not Available

Evaporation rate

Not Available

Flammability

Not Available

Upper Explosive Limit (%)

Not Applicable

Lower Explosive Limit (%)

Not Applicable

Vapour pressure (kPa)

Not Available

Solubility in water (g/L)

Miscible

Vapour density (Air = 1)

Not Available

Relative density (Water = 1)

Not Available

Partition coefficient n-octanol / water

Not Available

Auto-ignition temperature (°C)

Not Applicable

Decomposition temperature

Not Available

Viscosity (cSt)

Not Available

Molecular weight (g/mol)

Not Applicable

Taste

Not Available

Explosive properties

Not Available

Oxidising properties

Not Available

Surface Tension (dyn/cm or mN/m)

Not Available

Volatile Component (%vol)

Not Available

Gas group

Not Available

pH as a solution(1%)

Not Available

9.2. Other information

Not Available

SECTION 10 Stability and reactivity

10.1. Reactivity:

See section 7.2

10.2. 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:

On the basis, primarily, of animal experiments, concern has been expressed that the material may produce carcinogenic or mutagenic effects; in respect of the available information, however, there presently exists inadequate data for making a satisfactory assessment.

TOXICITY

IRRITATION

316843 Stamp Pad Ink 30ml Red

Not Available

Not Available

ascorbic acid

Oral (rat) LD50: 11900 mg/kg

Not Available

Not Available

ball clay

Not Available

effector at very high doses.

Not Available

C.I. Pigment Red 21

Not Available Not Available

water

Not Available Not Available

* Value obtained from manufacturer's msds

ASCORBIC ACID

Asthma-like symptoms may continue for months or even years after exposure to the material ceases.

316843 Stamp Pad Ink 30ml Red, C.I. PIGMENT RED 21, WATER

No significant acute toxicological data identified in literature search.

| | | | |
|---|------------------------------|----------------------------------|----------------------------------|
| Acute Toxicity: | Not Applicable | Carcinogenicity: | Carcinogen Category 2 |
| Skin Irritation/Corrosion: | Not Applicable | Reproductivity: | Reproductive Toxicity Category 2 |
| Serious Eye Damage/Irritation: | Not Applicable | STOT - Single Exposure: | Not Applicable |
| Respiratory or Skin sensitisation: | Not Applicable | STOT - Repeated Exposure: | Not Applicable |
| Mutagenicity: | Germ Cell Mutagen Category 2 | Aspiration Hazard: | Not Applicable |

CMR STATUS**SECTION 12 Ecological information****12.1. Toxicity****DO NOT****12.2. Persistence and degradability**

| | | |
|-------------------|--------------------------------|-------------------------|
| Ingredient | Persistence: Water/Soil | Persistence: Air |
| Not Available | Not Available | Not Available |

12.3. Bioaccumulative potential

| | |
|-------------------|------------------------|
| Ingredient | Bioaccumulation |
| Not Available | Not Available |

12.4. Mobility in soil

| | |
|-------------------|-----------------|
| Ingredient | Mobility |
| Not Available | Not Available |

12.5. Results of PBT and vPvB assessment

| | | | |
|---|---------------|---------------|---------------|
| | P | B | T |
| 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 considerations**13.1. Waste treatment methods****Product / Packaging disposal:**

- Recycle wherever possible or consult manufacturer for recycling options.

Waste treatment options:**Sewage disposal options:**

No relevant data

SECTION 14 Transport information**Labels Required:****Marine Pollutant: NO****HAZCHEM:****Land transport (ADR): NOT REGULATED FOR TRANSPORT OF DANGEROUS 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) |
| | | | Classification code |
| 14.3. Transport hazard class(es) | Class: | 14.6. Special precautions for user | Hazard Label |
| | Subrisk: | | Special provisions |
| | | | limited quantity |

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

| | | | |
|---|----------------------|---|---|
| 14.1. UN number | Not Available | 14.4. Packing group | Not Available |
| 14.2. UN proper shipping name | | 14.5. Environmental hazard | No relevant data |
| | | | Special provisions: |
| | | | Cargo Only Packing Instructions: |
| | | | Cargo Only Maximum Qty / Pack: |
| 14.3. Transport hazard class(es) | ICAO/IATA Class: | 14.6. Special precautions for user | Passenger and Cargo Packing Instructions: |
| | ICAO / IATA Subrisk: | | Passenger and Cargo Maximum Qty / Pack: |
| | ERG Code: | | |

Passenger and Cargo Limited Quantity
Packing Instructions:
Passenger and Cargo Maximum Qty / Pack:

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

| | | | |
|----------------------------------|------------------------------|------------------------------------|---|
| 14.1. UN number | Not Available | 14.4. Packing group | Not Available |
| 14.2. UN proper shipping name | | 14.5. Environmental hazard | No relevant data |
| 14.3. Transport hazard class(es) | IMDG Class: IMDG Subrisk: | 14.6. Special precautions for user | EMS Number: Special provisions: Limited Quantities: |

Inland waterways transport (ADN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

| | | | |
|----------------------------------|---------------|------------------------------------|--|
| 14.1. UN number | Not Available | 14.4. Packing group | Not Available |
| 14.2. UN proper shipping name | | 14.5. Environmental hazard | No relevant data |
| 14.3. Transport hazard class(es) | : | 14.6. Special precautions for user | Classification code Limited quantity Equipment required Fire cones number |

Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

Not Applicable

SECTION 15 Regulatory information

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

ascorbic acid(50-81-7) is found on the following regulatory lists

"FisherTransport Information", "Sigma-AldrichTransport Information", "Acros Transport Information", "CODEX General Standard for Food Additives (GSFA) - Additives Permitted for Use in Food in General, Unless Otherwise Specified, in Accordance with GMP", "International Fragrance Association (IFRA) Survey: Transparency List", "International Numbering System for Food Additives", "OECD List of High Production Volume (HPV) Chemicals", "EU Directive 2002/46/EC on the approximation of the laws of the Member States relating to food supplements - Annex I: Vitamins and minerals which may be used in the manufacture of food supplements", "EU Regulation (EC) No 1925/2006 on the addition of vitamins and minerals and of certain other substances to foods - Annex II: Vitamin Formulations and Mineral Substances which may be added to foods.", "EU Regulation (EC) No 1925/2006 on the addition of vitamins and minerals and of certain other substances to foods - Annex I: Vitamins and Minerals which may be added to foods.", "EU Directive 2002/46/EC on the approximation of the laws of the Member States relating to food supplements - Annex II: Vitamin and mineral substances which may be used in the manufacture of food supplements", "EU Commission Directive 2006/141/EC on infant formulae and follow-on formulae - Reference Values for Nutrition Labelling for Foods Intended for Infants and Young Children", "EU Commission Regulation No 953/2009 on substances that may be added for specific nutritional purposes in foods for particular nutritional uses", "European Union Register of Feed Additives pursuant to Regulation (EC) No 1831/2003 - Annex I: List of Additives", "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", "EU REACH Regulation (EC) No 1907/2006 - Annex IV - Exemptions from the Obligation to Register in Accordance with Article 2(7)(a) (English)", "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", "Regulations concerning the International Carriage of Dangerous Goods by Rail - Table A: Dangerous Goods List - RID 2013 (English)", "International Air Transport Association (IATA) Dangerous Goods Regulations", "International Maritime Dangerous Goods Requirements (IMDG Code) - Substance Index", "International Maritime Dangerous Goods Requirements (IMDG Code)", "UK Dangerous Goods Emergency Action Code List 2013", "ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways", "European Union (EU) Directive 2012/18/EU of 4 July 2012 on the control of major-accident hazards involving dangerous substances", "IMO IBC Code Chapter 17: Summary of minimum requirements"

ball clay(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"

C.I. Pigment Red 21(6410-26-0) is found on the following regulatory lists

"European Chemical Agency (ECHA) Classification & Labelling Inventory - Chemwatch Harmonised classification"

water(7732-18-5) is found on the following regulatory lists

"Sigma-AldrichTransport Information", "OSPAR National List of Candidates for Substitution - Norway", "International Fragrance Association (IFRA) Survey: Transparency List", "OECD List of High Production Volume (HPV) Chemicals", "IMO IBC Code Chapter 18: List of products to which the Code does not apply", "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", "EU REACH Regulation (EC) No 1907/2006 - Annex IV - Exemptions from the Obligation to Register in Accordance with Article 2(7)(a) (English)", "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"

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 |
|--|--|---------------------------------------|---------------------------------|
| ascorbic acid | 50-81-7 | Not Available | Not Available |
| Harmonisation (C&L Inventory) | Hazard Class and Category Code(s) | Pictograms Signal Word Code(s) | Hazard Statement Code(s) |
| 1 | Not Classified | Wng, GHS05, Dgr | H315, H318 |
| 2 | Not Classified, Skin Irrit. 2, Eye Irrit. 2, Eye Dam. 1 | Wng, GHS05, Dgr | H315, H318 |
| Ingredient | CAS number | Index No | ECHA Dossier |
| ball clay | 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 |
| C.I. Pigment Red 21 | 6410-26-0 | Not Available | Not Available |

| Harmonisation (C&L Inventory) | Hazard Class and Category Code(s) | Pictograms Signal Word Code(s) | Hazard Statement Code(s) |
|-------------------------------|---|--------------------------------|--------------------------|
| 3 | Not Classified | Not Available | Not Available |
| Ingredient | CAS number | Index No | ECHA Dossier |
| water | 7732-18-5 | 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, Acute Tox. 3, Skin Corr. 1A, Acute Tox. 2 | GHS05, Dgr, GHS06 | H314, H301 |
| 1 | Not Classified | GHS05, Dgr, GHS06 | H314, H301 |

SECTION 16 Other information

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch 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:

This document is copyright. Apart from any fair dealing for the purposes of private study, research, review or criticism, as permitted under the Copyright Act, no part may be reproduced by any process without written permission from CHEMWATCH. TEL (+61 3) 9572 4700.