SAFETY DATA SHEET Subli Glaze Translucent White Coating DC-TW400 400ml Aerosols

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

1.1. Product identifier

Subli Glaze Translucent White Coating DC-TW400 400ml Aerosols 1812 Product name

Product number

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

Identified uses Paint.

1.3. Details of the supplier of the safety data sheet

Supplier

Sole Juice Ltd. Unit 15 Aspen Court, Centurion Business Park, Bessemer Way, Rotherham,

United Kingdom, S60 1FB. www.subliglaze.com +44 (0)1709 296 366 +44 (0)1709 718 661 info@SoleJuice.com

S60 1FB

1.4. Emergency telephone number

Emergency telephone (+44) 1709 296 366 (Hours 09:00 - 17:00 Mon to Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229

Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards Not Classified

Classification (67/548/EEC or F+; R12. Xi; R36. R66, R67

1999/45/EC)

Human health Vapours and spray/mists in high concentrations are narcotic. See Section 11 for additional

information on health hazards.

Environmental The product is not expected to be hazardous to the environment.

Physicochemical Containers can burst violently or explode when heated, due to excessive pressure build-up.

The product is extremely flammable. Vapours may form explosive mixtures with air.

2.2. Label elements

Pictogram





Signal word Danger

Hazard statements H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated

H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

Sole Juice Limited - Subli Glaze Translucent White Coating DC-TW400 400ml Aerosols

Precautionary statements P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use. P261 Avoid breathing vapour/ spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER/ doctor if you feel unwell.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains ACETONE, N-BUTYL ACETATE, NAPHTHA (PETROLEUM), HYDROTREATED HEAVY,

BUTANONE, ISOPROPANOL

Supplementary precautionary

statements

P264 Wash contaminated skin thoroughly after handling.

P337+P313 If eye irritation persists: Get medical advice/ attention.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

DIMETHYL ETHER 30-60%

CAS number: 115-10-6 EC number: 204-065-8

Classification

Flam. Gas 1 - H220

Press. Gas, Liquefied - H280

ACETONE 30-60%

CAS number: 67-64-1 EC number: 200-662-2 REACH registration number: 01-

2119471330-49-XXXX

Classification

Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336

Sole Juice Limited - Subli Glaze Translucent White Coating DC-TW400 400ml Aerosols

N-BUTYL ACETATE 5-10%

CAS number: 123-86-4 EC number: 204-658-1 REACH registration number: 01-

2119485493-29-XXXX

Classification

Flam. Liq. 3 - H226 STOT SE 3 - H336

BUTANONE 1-5%

CAS number: 78-93-3 EC number: 201-159-0 REACH registration number: 01-

2119457290-43-XXXX

Classification

Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336

2-(2-BUTOXYETHOXY)ETHANOL 1-5%

CAS number: 112-34-5 EC number: 203-961-6 REACH registration number: 01-

2119475104-44-XXXX

Classification

Eye Irrit. 2 - H319

Titanium Dioxide 1-5%

CAS number: 13463-67-7

Classification

Not Classified

PROPAN-2-OL 1-5%

CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01-

2119457558-25-XXXX

Classification

Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Move affected person to fresh air and keep warm and at rest in a position comfortable for

breathing. Get medical attention if any discomfort continues.

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for

breathing. If in doubt, get medical attention promptly.

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Ingestion Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for

breathing. Get medical attention.

Skin contact Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur

after washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of

water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms

occur after washing.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

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

General information See Section 11 for additional information on health hazards.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up.

5.3. Advice for firefighters

Protective actions during

firefighting

Use water to keep fire exposed containers cool and disperse vapours. Cool containers

exposed to heat with water spray and remove them from the fire area if it can be done without

risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of vapours and contact with skin and eyes. Ensure suitable respiratory

protection is worn during removal of spillages in confined areas.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near

spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into

containers.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health

hazards. See Section 12 for additional information on ecological hazards. For waste disposal,

see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Read and follow manufacturer's

recommendations. When sprayed on a naked flame or any incandescent material the aerosol

vapours can be ignited. Use suitable respiratory protection if ventilation is inadequate.

Advice on general Wash promptly with soap and water if skin becomes contaminated. Do not eat, drink or smoke

occupational hygiene when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Protect from freezing and direct sunlight. Store in a dry place. Do not store near heat sources

or expose to high temperatures. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): 400 ppm Short-term exposure limit (15-minute): 500 ppm

ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³ Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

N-BUTYL ACETATE

Short-term exposure limit (15-minute): WEL 966 mg/m3 200 ppm Long-term exposure limit (8-hour TWA): WEL 724 mg/m3 150 ppm

BUTANONE

Short-term exposure limit (15-minute): WEL 899 mg/m³ 300 ppm Long-term exposure limit (8-hour TWA): WEL 600 mg/m³ 200 ppm

2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m³ Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m³

Titanium Dioxide

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³ Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

WEL = Workplace Exposure Limit

DIMETHYL ETHER (CAS: 115-10-6)

DNEL Workers - Inhalation; Long term systemic effects: 1894 mg/m³

Consumer - Inhalation; Long term systemic effects: 471 mg/m³

PNEC - Fresh water; 0.155 mg/l

Marine water; 0.016 mg/l
Intermittent release; 1.549 mg/l
Sediment (Freshwater); 0.681 mg/kg

- Sediment (Marinewater); 0.069 mg/kg

STP; 160 mg/lSoil; 0.045 mg/kg

ACETONE (CAS: 67-64-1)

DNEL Workers - Dermal; Long term systemic effects: 186 mg/kg/day

Workers - Inhalation; Short term local effects: 2420 mg/m³ Workers - Inhalation; Long term systemic effects: 1210 mg/m³

PNEC - Sediment (Freshwater); 30.4 mg/kg

- Sediment (Marinewater); 3.04 mg/kg

- Marine water; 1.06 mg/l

- Soil; 29.5 mg/kg

N-BUTYL ACETATE (CAS: 123-86-4)

DNEL Consumer - Inhalation; Short term local effects: 859.7 mg/m³

Consumer - Inhalation; Short term systemic effects: 859.7 mg/m³ Workers - Inhalation; Short term systemic effects: 960 mg/m³ Workers - Inhalation; Short term local effects: 960 mg/m³ Consumer - Inhalation; Long term local effects: 102.34 mg/m³ Workers - Inhalation; Long term local effects: 480 mg/m³

Consumer - Inhalation; Long term systemic effects: 102.34 mg/m³ Workers - Inhalation; Long term systemic effects: 480 mg/m³

PNEC - Fresh water; 0.18 mg/l

Sediment (Freshwater); 0.981 mg/kgSediment (Marinewater); 0.981 mg/kg

- Marine water; 0.018 mg/l

- STP; 35.6 mg/l - Soil; 0.0903 mg/kg

BUTANONE (CAS: 78-93-3)

DNEL Consumer - Dermal; Long term systemic effects: 412 mg/kg/day

Consumer - Oral; Long term systemic effects: 31 mg/kg/day Workers - Dermal; Long term systemic effects: 1161 mg/kg/day Consumer - Inhalation; Long term systemic effects: 106 mg/m³ Workers - Inhalation; Long term systemic effects: 600 mg/m³

PNEC - Fresh water; 55.8 mg/l

Sediment (Freshwater); 284.7 mg/kgIntermittent release; 55.8 mg/l

- Sediment (Marinewater); 284.7 mg/kg

- Marine water; 55.8 mg/l

STP; 709 mg/lSoil; 22.5 mg/kg

2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

DNEL Workers - Inhalation; Long term local effects: 7.5 mg/m³

Workers - Dermal; Long term systemic effects: 10 mg/kg/day Workers - Inhalation; Long term systemic effects: 5 mg/m³ Workers - Oral; Long term systemic effects: 1.3 mg/kg/day Workers - Inhalation; Short term systemic effects: 5 mg/m³ Consumer - Inhalation; Short term local effects: 15 ppm Consumer - Dermal; Long term systemic effects: 20 mg/kg/day Consumer - Inhalation; Long term systemic effects: 10 ppm Consumer - Inhalation; Long term local effects: 5 ppm

PNEC - Fresh water; 1 mg/l

Sediment (Freshwater); 4 mg/kgIntermittent release; 3.9 mg/lSediment (Marinewater); 0.4 mg/kg

- Marine water; 0.1 mg/l

- STP; 200 mg/l

PROPAN-2-OL (CAS: 67-63-0)

DNEL Workers - Dermal; Long term systemic effects: 888 mg/kg/day

Workers - Inhalation; Long term systemic effects: 500 mg/m³ Consumer - Dermal; Long term systemic effects: 319 mg/kg/day Consumer - Inhalation; Long term systemic effects: 89 mg/m³ Consumer - Oral; Long term systemic effects: 26 mg/kg/day

PNEC - Fresh water; 140.9 mg/l

Marine water; 140.9 mg/lIntermittent release; 140.9 mg/l

STP; 2251 mg/lSoil; 28 mg/kgSediment; 552 mg/kg

8.2. Exposure controls

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates

eye contact is possible.

Hand protection No specific requirements are anticipated under normal conditions of use.

Other skin and body

protection

Wear suitable protective equipment for prolonged exposure and/or high concentrations of

vapours, spray or mist.

Respiratory protection No specific recommendations. If ventilation is inadequate, suitable respiratory protection must

be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Aerosol.

Colour White.

Odour Solvents

Odour threshold No information available.

pH No information available.

Melting point No information available.

Initial boiling point and range -25 (-25 TO 230)°C @

Flash point -41°C CC (Closed cup).

Evaporation rate No information available.

Evaporation factor No information available.

Flammability (solid, gas) No information available.

Upper/lower flammability or explosive limits

Lower flammable/explosive limit: 0.6 % Upper flammable/explosive limit: 32 %

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Vapour pressure

No information available.

Vapour density

No information available.

Relative density 0.765

Solubility(ies) Insoluble in water.

Partition coefficient No information available.

Auto-ignition temperature 225°C

Decomposition Temperature No information available.

Viscosity No information available.

Explosive properties No information available.

Oxidising properties No information available.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No test data specifically related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stability The product may not be stable under some conditions of storage or use.

10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

None known.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high

temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid None known.

10.6. Hazardous decomposition products

Hazardous decomposition

None at ambient temperatures.

products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - dermal

ATE dermal (mg/kg) 28,758.16993464

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 287.58169935

Inhalation May cause drowsiness or dizziness. Vapours in high concentrations are narcotic. Vapours

may cause headache, fatigue, dizziness and nausea.

Skin contact Skin irritation should not occur when used as recommended.

Eye contact Causes serious eye irritation.

Acute and chronic health

hazards

No known chronic or acute health risks.

Route of entry Inhalation Skin and/or eye contact

DIMETHYL ETHER

Acute toxicity - inhalation

Acute toxicity inhalation

164,000.0

(LC₅₀ gases ppmV)

Species Rat

ATE inhalation (gases

164,000.0

ppm)

ACETONE

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

5,800.0

Species Rat

ATE oral (mg/kg) 5,800.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 7,800.0

mg/kg)

Species Rabbit

ATE dermal (mg/kg) 7,800.0

Acute toxicity - inhalation

Acute toxicity inhalation

(LC₅₀ vapours mg/l)

21.0

Species Rat

ATE inhalation (vapours 21.0

mg/l)

N-BUTYL ACETATE

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

10,760.0

Species Rat

ATE oral (mg/kg) 10,760.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 14,113.0

mg/kg)

Species Rabbit

ATE dermal (mg/kg) 14,113.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC50 vapours mg/l)

23.4

23.4

Species Rat

ATE inhalation (vapours

mg/l)

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

2.194.0

Species

Rat

2,194.0 ATE oral (mg/kg)

Acute toxicity - dermal

Acute toxicity dermal (LD₅ 5,001.0

mg/kg)

Species Rabbit

5,001.0 ATE dermal (mg/kg)

2-(2-BUTOXYETHOXY)ETHANOL

BUTANONE

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

2,410.0

Species Mouse

ATE oral (mg/kg) 2,410.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 2,764.0

mg/kg)

Species Rabbit

ATE dermal (mg/kg) 2,764.0

PROPAN-2-OL

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

5,045.0

Species Rat

5,045.0 ATE oral (mg/kg)

Acute toxicity - dermal

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Acute toxicity dermal (LD₅₀ 12,800.0

mg/kg)

Species Rabbit

ATE dermal (mg/kg) 12,800.0

Acute toxicity - inhalation

Acute toxicity inhalation

(LC50 vapours mg/l)

30.0

Species Rat

ATE inhalation (vapours

mg/l)

30.0

SECTION 12: Ecological Information

12.1. Toxicity

DIMETHYL ETHER

Acute toxicity - fish LC₅₀, 96 hours: 4001 mg/l, Poecilia reticulata (Guppy)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 4001 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC₅₀, 96 hours: 154.9 mg/l, Fish

ACETONE

Acute toxicity - fish EC₅₀, 96 hours: 8300 mg/l, Lepomis macrochirus (Bluegill)

Acute toxicity - aquatic

invertebrates

EC₅₀, : 8800 mg/l, Daphnia magna

N-BUTYL ACETATE

Acute toxicity - fish LC₅₀, 24 hours: 54 mg/l, Algae

LC₅₀, 96 hours: 18 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 44 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC₅o, 72 hours: 647.7 mg/l, Scenedesmus subspicatus

BUTANONE

Acute toxicity - fish LC₅₀, 24 hours: 5001 mg/l, Algae

Acute toxicity - aquatic

plants

LOEC, : 101 mg/l, Fish

2-(2-BUTOXYETHOXY)ETHANOL

Acute toxicity - fish LC₅₀, 96 hours: 1300 mg/l, Lepomis macrochirus (Bluegill)

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Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 101 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC₅₀, 96 hours: 101 mg/l, Scenedesmus subspicatus

PROPAN-2-OL

Acute toxicity - fish LC₅₀, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic

invertebrates

EC₅o, 48 hours: 13299 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC₅₀, 72 hours: >1 mg/l, Desmodesmus subspicatus

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

Partition coefficient No information available.

12.4. Mobility in soil

Mobility No data available

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

Disposal methodsContainers should be thoroughly emptied before disposal because of the risk of an explosion.

Do not pierce or burn, even after use.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1950 UN No. (IMDG) 1950

UN No. (ICAO) 1950

UN No. (ADN) 1950

14.2. UN proper shipping name

Proper shipping name

AEROSOLS, FLAMMABLE

(ADR/RID)

Proper shipping name (IMDG) AEROSOLS, FLAMMABLE

Proper shipping name (ICAO) AEROSOLS, FLAMMABLE

Proper shipping name (ADN) AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID classification code 5F

ADR/RID label 2.1

IMDG class 2.1

ICAO class/division 2.1

ADN class 2.1

Transport labels



14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No

14.6. Special precautions for user

EmS F-D, S-U

ADR transport category 2

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

National regulations The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16

December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of

Chemicals (REACH) (as amended).

Council Directive of 20 May 1975 on the approximation of the laws of the Member States

relating to aerosol dispensers (75/324/EEC) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date 20/01/2017

Revision 2

Supersedes date 20/08/2014

SDS number 4931

Hazard statements in full H220 Extremely flammable gas.

H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H229 Pressurised container: may burst if heated

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.