



SAFETY DATA SHEET

DOWSIL CE 0101 WIPES LOTION WHITE

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

1.1. Product identifier

Product name	DOWSIL CE 0101 WIPES LOTION WHITE
Product number	45339
Synonyms; trade names	DOW CORNING CE 0101 WIPES LOTION WHITE
REACH registration notes	This product is not classified as hazardous, the information in this datasheet is given for guidance only.

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

Identified uses	Cosmetics Polymers
-----------------	--------------------

1.3. Details of the supplier of the safety data sheet

Supplier	Univar Solutions UK Ltd Aquarius House 6 Mid Point Business Park Bradford BD3 7AY +44 1274 267300 +44 1274 267306 SDS.EMEA@univarsolutions.com
----------	---

1.4. Emergency telephone number

Emergency telephone	SGS - +32 (0)3 575 55 55 (24h)
Sds No.	45339

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

Hazard statements	NC Not Classified
Supplemental label information	EUH210 Safety data sheet available on request.

2.3. Other hazards

This product contains a substance classified as vPvB. This product contains a substance classified as PBT.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

DOWSIL CE 0101 WIPES LOTION WHITE

DECAMETHYLCYCLOPENTASILOXANE	>= 5.0 - <= 6.0 %
CAS number: 541-02-6	EC number: 208-764-9
	REACH registration number: 01-2119511367-43-XXXX

Classification
Not Classified

MONOPROPYLENE GLYCOL	>= 0.9 - <= 1.5 %
CAS number: 57-55-6	EC number: 200-338-0
	REACH registration number: 01-2119456809-23-XXXX

Classification
Not Classified

2-PHENOXYETHANOL	>= 0.83 - <= 1.01 %
CAS number: 122-99-6	EC number: 204-589-7
	REACH registration number: 01-2119488943-21-XXXX

Classification
Acute Tox. 4 - H302
Eye Irrit. 2 - H319

DODECAMETHYLCYCLOHEXASILOXANE	>= 0.21 - <= 0.26 %
CAS number: 540-97-6	EC number: 208-762-8
	REACH registration number: 01-2119517435-42-XXXX

Classification
Not Classified

The full text for all hazard statements is displayed in Section 16.

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Wear protective clothing as described in Section 8 of this safety data sheet.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact	Remove affected person from source of contamination. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

DOWSIL CE 0101 WIPES LOTION WHITE

Eye contact May cause temporary eye irritation.

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 Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards When heated and in case of fire, toxic vapours/gases may be formed. The product increases the risk of fire and may accelerate combustion.

Hazardous combustion products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Formaldehyde Oxides of the following substances: Silicon. Carbon.

5.3. Advice for firefighters

Protective actions during firefighting No action shall be taken without appropriate training or involving any personal risk. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Do not use water jet as an extinguisher, as this will spread the fire. Contain and collect extinguishing water. Avoid the spillage or runoff entering drains, sewers or watercourses. Evacuate area.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

DOWSIL CE 0101 WIPES LOTION WHITE

Usage precautions

Avoid spilling. Avoid release to the environment. Observe good chemical hygiene practices. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Only store in correctly labelled containers. Store away from the following materials: Strong oxidising agents.

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

DECAMETHYLCYCLOPENTASILOXANE

Long-term exposure limit (8-hour TWA): SUP 10 ppm

MONOPROPYLENE GLYCOL

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³ total vapour and particulates

WEL = Workplace Exposure Limit.

Ingredient comments

Observe any occupational exposure limits for the product or ingredients.

DECAMETHYLCYCLOPENTASILOXANE (CAS: 541-02-6)

DNEL

Workers - Inhalation; Short term systemic effects: 97.3 mg/m³
 Workers - Inhalation; Short term local effects: 24.2 mg/m³
 Workers - Inhalation; Long term systemic effects: 97.3 mg/m³
 Workers - Inhalation; Long term local effects: 24.2 mg/m³
 Consumer - Inhalation; Short term systemic effects: 17.3 mg/m³
 Consumer - Inhalation; Short term local effects: 4.3 mg/m³
 Consumer - Inhalation; Long term systemic effects: 17.3 mg/m³
 Consumer - Inhalation; Long term local effects: 4.3 mg/m³
 Consumer - Oral; Short term systemic effects: 5 mg/kg/day
 Consumer - Oral; Long term systemic effects: 5 mg/kg/day

PNEC

- Fresh water; >0.0012 mg/l
 - marine water; >0.00012 mg/l
 - Sediment (Freshwater); 2.4 mg/kg
 - Sediment (Marinewater); 0.24 mg/kg
 - Soil; 1.1 mg/kg
 - STP; >10 mg/l

2-PHENOXYETHANOL (CAS: 122-99-6)

DOWSIL CE 0101 WIPES LOTION WHITE

DNEL

Workers - Dermal; Long term systemic effects: 20.83 mg/kg/day
 Workers - Inhalation; Long term systemic effects: 8.07 mg/m³
 Workers - Inhalation; Long term local effects: 8.07 mg/m³
 Consumer - Oral; Short term systemic effects: 9.23 mg/kg/day
 Consumer - Dermal; Long term systemic effects: 10.42 mg/kg/day
 Consumer - Inhalation; Long term systemic effects: 2.41 mg/m³
 Consumer - Oral; Long term systemic effects: 9.23 mg/kg/day
 Consumer - Inhalation; Long term local effects: 2.41 mg/m³

PNEC

- Fresh water; 0.943 mg/l
 - marine water; 0.094 mg/l
 - Intermittent release; 3.44 mg/l
 - STP; 24.8 mg/l
 - Sediment (Freshwater); 7.23 mg/kg
 - Sediment (Marinewater); 0.723 mg/kg
 - Soil; 1.26 mg/kg

MONOPROPYLENE GLYCOL (CAS: 57-55-6)

DNEL

General population - Inhalation; Long term systemic effects: 50 mg/m³
 General population - Inhalation; Long term local effects: 10 mg/m³
 Workers - Inhalation; Long term systemic effects: 168 mg/m³
 Workers - Inhalation; Long term local effects: 10 mg/m³
 General population - Dermal; Long term systemic effects: 213 mg/m³
 General population - Oral; Long term systemic effects: 85 mg/m³

PNEC

- Fresh water; 260 mg/l
 - marine water; 26 mg/l
 - STP; 20000 mg/l
 - Sediment (Freshwater); 572 mg/kg
 - Sediment (Marinewater); 57.2 mg/kg
 - Soil; 50 mg/kg
 - Intermittent release; 183 mg/l

DODECAMETHYLCYCLOHEXASILOXANE (CAS: 540-97-6)

DNEL

Workers - Inhalation; Long term systemic effects: 11 mg/m³
 Workers - Inhalation; Short term local effects: 6.1 mg/m³
 Workers - Inhalation; Long term local effects: 1.22 mg/m³
 Consumer - Inhalation; Long term systemic effects: 2.7 mg/m³
 Consumer - Inhalation; Short term local effects: 1.5 mg/m³
 Consumer - Inhalation; Long term local effects: 0.3 mg/m³
 Consumer - Oral; Short term systemic effects: 1.7 mg/kg/day
 Consumer - Oral; Long term systemic effects: 1.7 mg/kg/day

PNEC

- Sediment (Freshwater); 2.826 mg/kg
 - Sediment (Marinewater); 0.282 mg/kg
 - Soil; 3.336 mg/kg
 - STP; >1.0 mg/l

8.2. Exposure controls

Protective equipment



DOWSIL CE 0101 WIPES LOTION WHITE

Appropriate engineering controls	Provide adequate ventilation. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Hygiene measures	When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Remove contaminated clothing and protective equipment before entering eating areas. Eye wash facilities and emergency shower must be available when handling this product.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. If ventilation is inadequate, suitable respiratory protection must be worn. Organic vapour filter. Gas filter, type A EN 136/140/141/145/143/149

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	White.
Odour	Slight.
Odour threshold	No information available.
pH	No information available.
Melting point	No information available.
Pour Point	No information available.
Freezing Point	No information available.
Initial boiling point and range	> 100°C @ 760 mm Hg
Flash point	100°C Pensky-Martens closed cup.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.

DOWSIL CE 0101 WIPES LOTION WHITE

Vapour pressure	No information available.
Vapour density	No information available.
Relative density	0.99
Bulk density	No information available.
Solubility(ies)	No information available.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	85 mPa.s
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	No information available.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	Not determined.
Refractive index	No information available.
Particle size	No information available.
Molecular weight	No information available.
Volatility	No information available.
Saturation concentration	No information available.
Critical temperature	No information available.
Volatile organic compound	No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
------------	---

10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
-----------	--

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	The following materials may react with the product: Strong oxidising agents.
------------------------------------	--

10.4. Conditions to avoid

Conditions to avoid	Avoid excessive heat for prolonged periods of time.
---------------------	---

10.5. Incompatible materials

Materials to avoid	Oxidising agents.
--------------------	-------------------

10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Formaldehyde Oxides of the following substances: Carbon. Silicon.
----------------------------------	--

DOWSIL CE 0101 WIPES LOTION WHITE

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Not determined.

ATE oral (mg/kg) 185,000.0

Acute toxicity - dermal

Notes (dermal LD₅₀) Not determined.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Not determined.

Skin corrosion/irritation

Animal data Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Not irritating.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Information given is applicable to the major ingredient. Not sensitising. Guinea pig

Germ cell mutagenicity

Genotoxicity - in vitro Does not contain any substances known to be mutagenic. Negative.

Carcinogenicity

Carcinogenicity Results from a 2 year repeated vapour inhalation exposure study to rats of decamethylcyclopentasiloxane (D5) indicate effects (uterine endometrial tumors) in female animals. This finding occurred at the highest exposure dose (160 ppm) only. Studies to date have not demonstrated if this effect occurs through a pathway that is relevant to humans.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met. Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

Inhalation Gas or vapour in high concentrations may irritate the respiratory system.

Ingestion May cause discomfort if swallowed.

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

Eye contact May cause temporary eye irritation.

Toxicological information on ingredients.

DECAMETHYLCYCLOPENTASILOXANE

DOWSIL CE 0101 WIPES LOTION WHITE

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 24134 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 8.67

Species Rat

Notes (inhalation LC₅₀) LC₅₀ 8.67 mg/l, Inhalation, Dust/Mist, Rat

ATE inhalation (dusts/mists mg/l) 8.67

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative.

Genotoxicity - in vivo DNA damage and/or repair: Negative.

Carcinogenicity

Carcinogenicity Results from a 2 year repeated vapour inhalation exposure study to rats of decamethylcyclotrisiloxane (D5) indicate effects (uterine endometrial tumors) in female animals. This finding occurred at the highest exposure dose (160 ppm) only. Studies to date have not demonstrated if this effect occurs through a pathway that is relevant to humans.

Reproductive toxicity

Reproductive toxicity - fertility No evidence of reproductive toxicity in animal studies.

Reproductive toxicity - development No evidence of reproductive toxicity in animal studies.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 200 mg/kg, Dermal, NOAEL 100 mg/kg, Oral, LOAEL 125 mg/kg, ,

Inhalation Gas or vapour in high concentrations may irritate the respiratory system.

Ingestion May cause discomfort if swallowed.

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

Eye contact Vapour or spray in the eyes may cause irritation and smarting.

MONOPROPYLENE GLYCOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 22,000.0

Species Rat

DOWSIL CE 0101 WIPES LOTION WHITE

Notes (oral LD₅₀)	LD ₅₀ 22000 mg/kg, Oral, Rat LD ₅₀ 19700 mg/kg, Oral, Guinea pig
ATE oral (mg/kg)	22,000.0
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	LD ₅₀ > 2000 mg/kg, Dermal, Rabbit
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	LC ₅₀ 41 mg/l, Inhalation, Rat
<u>Skin corrosion/irritation</u>	
Animal data	Not irritating. Rabbit OECD 404
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Not irritating. Rabbit OECD 405
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	No information available.
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising. Guinea pig OECD 406
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	This substance has no evidence of mutagenic properties. Ames test Negative. OECD 473
<u>Carcinogenicity</u>	
Carcinogenicity	Based on available data the classification criteria are not met.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	This substance has no evidence of toxicity to reproduction.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	No information available.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	No information available.
<u>Aspiration hazard</u>	
Aspiration hazard	No information available.
<u>Inhalation</u>	
Inhalation	Gas or vapour in high concentrations may irritate the respiratory system.
<u>Ingestion</u>	
Ingestion	May cause discomfort if swallowed.
<u>Skin contact</u>	
Skin contact	Prolonged skin contact may cause temporary irritation.
<u>Eye contact</u>	
Eye contact	May cause temporary eye irritation.

2-PHENOXYETHANOL

<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD₅₀ mg/kg)	1,850.0

DOWSIL CE 0101 WIPES LOTION WHITE

Species	Rat
Notes (oral LD₅₀)	LD ₅₀ 1850-2740 mg/kg, Oral, Rat
ATE oral (mg/kg)	1,850.0
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	LD ₅₀ >5000 mg/kg, Dermal, Rabbit
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	LD ₅₀ >1 mg/m ³ , Inhalation, Rat
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	May be slightly irritating to skin.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Causes serious eye irritation.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	No information available.
<u>Skin sensitisation</u>	
Skin sensitisation	- Human: Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Ames test: Negative. OECD 471 Chromosome aberration: Negative. OECD 473
Genotoxicity - in vivo	Micronucleus assay: Negative. OECD 474
<u>Carcinogenicity</u>	
Carcinogenicity	No information available.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Two-generation study - NOAEL 375 mg/kg, Oral, Rat F1
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	No information available.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	NOAEL 700 mg/kg, Oral, Rat
<u>Aspiration hazard</u>	
Aspiration hazard	No information available.
Inhalation	May cause respiratory system irritation.
Ingestion	Harmful if swallowed.
Skin contact	Slightly irritating.
Eye contact	Causes serious eye irritation.

DODECAMETHYLCYCLOHEXASILOXANE

Acute toxicity - oral

DOWSIL CE 0101 WIPES LOTION WHITE

Notes (oral LD₅₀) LD₅₀ > 2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rabbit

SECTION 12: Ecological information

Ecotoxicity The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment.

Ecological information on ingredients.

DECAMETHYLCYCLOPENTASILOXANE

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

MONOPROPYLENE GLYCOL

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

2-PHENOXYETHANOL

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

DODECAMETHYLCYCLOHEXASILOXANE

Ecotoxicity The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

DECAMETHYLCYCLOPENTASILOXANE

Toxicity Not toxic at limit of water solubility.

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >16 µg/l, Oncorhynchus mykiss (Rainbow trout)
Not toxic at limit of water solubility.

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >2.9 mg/l, Daphnia magna
OECD 202
Not toxic at limit of water solubility.

Acute toxicity - aquatic plants ErC50, 96 hours: > 0.012 mg/l, Pseudokirchneriella subcapitata
Not toxic at limit of water solubility.
NOEC, 96 hours: 0.012 mg/l, Pseudokirchneriella subcapitata
Not toxic at limit of water solubility.

Acute toxicity - terrestrial NOEC, : >= 76 mg/kg, Eisenia Fetida (Earthworm)

Chronic aquatic toxicity

DOWSIL CE 0101 WIPES LOTION WHITE

Chronic toxicity - fish early life stage	Not toxic at limit of water solubility. LC₅₀, 14 day: >16 mg/l, Oncorhynchus mykiss (Rainbow trout) Not toxic at limit of water solubility. NOEC, 45 day: >= 0.017 mg/l, Oncorhynchus mykiss (Rainbow trout) Not toxic at limit of water solubility. NOEC, 90 day: >= 0.014 mg/l, Oncorhynchus mykiss (Rainbow trout)
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.015 mg/l, Daphnia magna OECD 211

MONOPROPYLENE GLYCOL

Acute aquatic toxicity

Acute toxicity - fish	LC₅₀, 96 hours: 40613 mg/l, Oncorhynchus mykiss (Rainbow trout) LC₅₀, 96 hour: 55770 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: > 4000 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC₅₀, 96 hours: 19000 mg/l, Scenedesmus subspicatus EC₅₀, 96 hour: 19100 mg/l, Skeletonema costatum NOEC, 96 hour: 15000 mg/l, Scenedesmus subspicatus NOEC, 14 day: < 5300 mg/l, Skeletonema costatum
Acute toxicity - microorganisms	NOEC, 18 hour: > 20000 mg/l, Pseudomonas putida

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates	NOEC, 7 days: 13020 mg/l, Daphnia magna NOEC, 7 day: 29000 mg/l, Freshwater invertebrates Ceriodaphnia sp.
---	---

2-PHENOXYETHANOL

Acute aquatic toxicity

Acute toxicity - fish	LC₅₀, 96 hours: 344 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: > 500 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC₅₀, 72 hours: > 500 mg/l, Desmodesmus subspicatus

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 34 days: 23 mg/l, Pimephales promelas (Fat-head Minnow) LOEC, 34 days: 50 mg/l, Pimephales promelas (Fat-head Minnow)
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 9.43 mg/l, Daphnia magna LOEC, 21 days: 22.5 mg/l, Daphnia magna

DODECAMETHYLCYCLOHEXASILOXANE

Acute aquatic toxicity

Acute toxicity - aquatic plants	ErC₅₀, 72 hour: > 0.002 mg/l, Pseudokirchneriella subcapitata Not toxic at limit of water solubility.
--	---

DOWSIL CE 0101 WIPES LOTION WHITE

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 21 day: 0.0046 mg/l, Daphnia magna
Not toxic at limit of water solubility.

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Ecological information on ingredients.

DECAMETHYLCYCLOPENTASILOXANE

Persistence and degradability Not readily biodegradable.

Biodegradation - Degradation 0.14%: 28 days
(OECD 310)

MONOPROPYLENE GLYCOL

Persistence and degradability The substance is readily biodegradable.

Biodegradation - Degradation >81%: 28 days
OECD 301F
- Degradation 96%: 64 days

Biological oxygen demand BOD5: 1170 mg O₂/l

Chemical oxygen demand 4700 mg O₂/l

2-PHENOXYETHANOL

Persistence and degradability The product is readily biodegradable.

Biodegradation - Degradation > 90%: 15 day
- Degradation 90%: 28 days

DODECAMETHYLCYCLOHEXASILOXANE

Persistence and degradability The product is not readily biodegradable.

Biodegradation - Degradation 57%: 28 days
OCED 301B

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

Ecological information on ingredients.

DECAMETHYLCYCLOPENTASILOXANE

Bioaccumulative potential BCF: > 500, Pimephales promelas (Fat-head Minnow)
BCF: 2010, Fish Estimated value.

Partition coefficient log Pow: 5.2

DOWSIL CE 0101 WIPES LOTION WHITE**MONOPROPYLENE GLYCOL**

Bioaccumulative potential The product is not bioaccumulating. BCF: < 0.09,

Partition coefficient log Pow: -1.07

2-PHENOXYETHANOL

Bioaccumulative potential BCF: 0.35,

Partition coefficient log Pow: 1.2

DODECAMETHYLCYCLOHEXASILOXANE

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient log Pow: 8.87

12.4. Mobility in soil

Mobility Not determined.

Ecological information on ingredients.**DECAMETHYLCYCLOPENTASILOXANE**

Mobility Not considered mobile.

Adsorption/desorption coefficient - Koc: > 5000 @ 20°C Estimated value.

MONOPROPYLENE GLYCOL

Mobility The product is soluble in water.

Adsorption/desorption coefficient - Koc: 2.9 @ 20°C - Log Koc: 0.46 @ 20°C

Henry's law constant 0.00566 atm m³/mol @ 12°C

2-PHENOXYETHANOL

Mobility The product has poor water-solubility.

Surface tension 70.7 mN/m @ 19.9°C

DODECAMETHYLCYCLOHEXASILOXANE

Mobility Mobile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product contains a substance classified as vPvB. This product contains a substance classified as PBT.

Ecological information on ingredients.**DECAMETHYLCYCLOPENTASILOXANE**

DOWSIL CE 0101 WIPES LOTION WHITE

Results of PBT and vPvB assessment

Decamethylcyclopentasiloxane (D5) meets the current REACH Annex XIII criteria for vPvB. However, D5 does not behave similarly to known PBT/vPvB substances. The weight of scientific evidence from field studies shows that D5 is not biomagnifying in aquatic and terrestrial food webs. D5 in air will degrade by reaction with naturally occurring hydroxyl radicals in the atmosphere. Any D5 in air that does not degrade by reaction with hydroxyl radicals is not expected to deposit from the air to water, to land, or to living organisms. Based on an independent scientific panel of experts, the Canadian Minister of the Environment has concluded that "D5 is not entering the environment in a quantity or concentration or under conditions that have or may have an immediate or long-term harmful effect on the environment or its biological diversity, or that constitute or may constitute a danger to the environment on which life depends".

MONOPROPYLENE GLYCOL

Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

2-PHENOXYETHANOL

Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

DODECAMETHYLCYCLOHEXASILOXANE

Results of PBT and vPvB assessment

Dodecamethyl cyclohexasiloxane (D6) meets the current REACH Annex XIII criteria for vPvB. However, D6 does not behave similarly to known PBT/vPvB substances. The weight of scientific evidence from field studies shows that D6 is not biomagnifying in aquatic and terrestrial food webs. D6 in air will degrade by reaction with naturally occurring hydroxyl radicals in the atmosphere. Any D6 in air that does not degrade by reaction with hydroxyl radicals is not expected to deposit from the air to water, to land, or to living organisms.

12.6. Other adverse effects

Other adverse effects Not determined.

Ecological information on ingredients.

DECAMETHYLCYCLOPENTASILOXANE

Other adverse effects Not determined.

MONOPROPYLENE GLYCOL

Other adverse effects No information required.

2-PHENOXYETHANOL

Other adverse effects Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Do not puncture or incinerate, even when empty.

DOWSIL CE 0101 WIPES LOTION WHITE

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

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

EU legislation

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).
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).
Commission Regulation (EU) No 2015/830 of 28 May 2015.

Guidance

Safety Data Sheets for Substances and Preparations.

Restrictions (Annex XVII Regulation 1907/2006)

CAUTION - Chemical may be subject to REACH RESTRICTIONS - see Annex XVII. This product is/contains a substance that is included in REGULATION (EC) No 1907/2006 (REACH) ANNEX XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES. Entry number: 70

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

DOWSIL CE 0101 WIPES LOTION WHITE

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
 CAS: Chemical Abstracts Service.
 DNEL: Derived No Effect Level.
 IATA: International Air Transport Association.
 IMDG: International Maritime Dangerous Goods.
 Kow: Octanol-water partition coefficient.
 LC₅₀: Lethal Concentration to 50 % of a test population.
 LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
 PBT: Persistent, Bioaccumulative and Toxic substance.
 PNEC: Predicted No Effect Concentration.
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
 vPvB: Very Persistent and Very Bioaccumulative.
 IARC: International Agency for Research on Cancer.
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
 cATpE: Converted Acute Toxicity Point Estimate.
 BCF: Bioconcentration Factor.
 BOD: Biochemical Oxygen Demand.
 EC₅₀: 50% of maximal Effective Concentration.
 LOAEC: Lowest Observed Adverse Effect Concentration.
 LOAEL: Lowest Observed Adverse Effect Level.
 NOAEC: No Observed Adverse Effect Concentration.
 NOAEL: No Observed Adverse Effect Level.
 NOEC: No Observed Effect Concentration.
 LOEC: Lowest Observed Effect Concentration.
 DMEL: Derived Minimal Effect Level.
 EL50: Exposure Limit 50
 hPa: Hectopascal
 LL50: Lethal Loading fifty
 OECD: Organisation for Economic Co-operation and Development
 POW: Octanol-water partition coefficient
 SCBA: self-contained breathing apparatus
 STP: Sewage Treatment Plant
 VOC: Volatile Organic Compounds

Classification abbreviations and acronyms

Acute Tox. = Acute toxicity
 Aquatic Acute = Hazardous to the aquatic environment (acute)
 Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Key literature references and sources for data

Supplier's information.

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date

08/05/2020

Version number

2.000

Supersedes date

19/11/2015

SDS number

45339

DOWSIL CE 0101 WIPES LOTION WHITE

SDS status

Approved.

Hazard statements in full

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Signature

Lisa Bland

Product Application Policy

To whom it may concern

Non-Supported Applications of Propylene Glycols (PGs)

For reasons of health and safety, regulatory compliance, and in accordance with internal policies **Univar Solutions**, will NOT supply Propylene Glycols (PGs) in a number of specific applications relating to pharmaceuticals, medicines, tobacco and tobacco products, marijuana products, food, feed, and dietary supplements. In order to maintain a high level of awareness amongst the customers, sales agents and distributors (including re-sellers and re-packagers) of **Univar Solutions**, we are writing to remind you of the non-supported applications for the Propylene Glycols (PGs). The use of such products is subject to the user's assessment of suitability, and compliance for its particular supplier-supported use. **Univar Solutions** will not support the applications listed in Annex 1 of this document.

Background

Based on a number of concerns and policies, including regulations to restrict product use, inappropriate exposure or contact and internal policies on specific application, **Univar Solutions** will not support Propylene Glycols (PGs) in the applications specified in Annex 1. We will not knowingly sample or sell these products for use in these non-supported applications, and will exit sales if necessary to support this position; however, we will make every effort to transition customers to appropriate products where possible.

General Non-Supported Applications

Product Scope:

All PG Products

The following identifies the applications that are generally, not supported by **Univar Solutions** for any Propylene Glycol (PG) product:

- Generation of artificial smoke/theatrical fogs/mists/artificial snow
- For use in the production of tobacco, the manufacture of tobacco products, the manufacture of electronic cigarettes or the manufacture of marijuana products
- Use as an active in pesticides¹
- Use as heat transfer fluids without inhibitors, including as an ingredient in fluids for warming or cooling foods or beverages or for heating an enclosed space where personnel exposure is possible²
- Manufacture of munitions or chemical weapons
- Ingredient in cat food

Notes

¹ **Univar Solutions** has not registered any PG product under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) for use as an active ingredient in pesticide formulas.

² Contact the **Univar Solutions** for properly inhibited PG-based fluids for heat transfer applications.

Univar Solutions does not provide samples of or knowingly sell any PG product for use in any General Non-Supported Application, unless otherwise agreed to in writing.

Technical or Industrial Grade Non-Supported Applications

Product Scope:

All Technical and Industrial PG grades, including, but not limited to:

- PG Industrial Grade (PGI)
- PG Technical Grade (PG TG)
- Dipropylene Glycol Regular Grade (DPG)
- Tripropylene Glycol Regular Grade (TPG)

- Tripropylene Glycol Acrylate Grade (TPG Ac)
- PG-Highers

The following identifies the applications that are NOT supported (“Technical or Industrial Grade Non-Supported Applications”) by **Univar Solutions** for any technical or industrial grade PG product:

- Any sensitive applications, including, but not limited to, pharmaceutical, direct and indirect food contact, cosmetics, personal care, animal feed, and children’s toys.
- All applications listed previously as General Non-Supported Applications

Univar Solutions does not provide samples of or knowingly sell any PG product for use in any Technical or Industrial Grade Non-Supported Application, unless otherwise agreed to in writing.

Specialty Grade Supported Applications

The following section identifies certain sensitive applications that are supported (“Specialty Grade Supported Applications”) by **Univar Solutions** for specialty grade products^{3,4}

Product Scope:

- Propylene Glycol USP/EP
- Propylene Glycol USP/EP (PG USP/EP)

is supported by **Univar Solutions** for the following applications:

- Pharmaceutical excipients⁵,
- direct and indirect food contact,
- beverage,
- cosmetics,
- personal care applications and children’s toys,
- animal feed (except cat food)⁶

Product Scope:

- Dipropylene Glycol LO+ Grade (DPG LO+)

is supported by **Univar Solutions** for the following applications:

- Indirect food contact,
- Cosmetics/personal care and
- Children’s toys

Product Scope:

- Propylene Glycol Animal Feed (PG AF)

is supported by **Univar Solutions** for the following applications

- Animal feed (except cat food)⁶

Notes

³ Re-packaging any specialty grade PG product for re-sale requires prior written approval by **Univar Solutions**.

⁴ Specialty grade PG product names may vary by region.

⁵ **Univar Solutions** does not test any PG USP/EP product for suitability in human parenteral applications (i.e., applications intended for humans where the drug formulation is administered not through the gastrointestinal tract, but is typically administered as an injection or infusion) and, therefore, does not support sales into these applications, unless otherwise agreed to in writing. **Univar Solutions** does not apply Active Pharmaceutical Ingredient (“API”) Good Manufacturing Practice (GMP) and, therefore, does not support the use of any PG USP/EP product as an API, unless otherwise agreed to in writing.

⁶ Where PG AG is not available, PG USP/EP is the PG product supported for animal feed (except cat food).

In the event that a customer is using a PG product that is contrary to the information provided above, **Univar Solutions** reserves the right to exit product sales to that customer.

Univar Solutions strongly encourage their customers to review both their manufacturing processes and their applications of the aforementioned PG products from the standpoint of human health and environmental quality to ensure that such products are used only in applications for which they are intended or tested. To enter into new applications beyond the traditional standard use applications, contact your **Univar Solutions** representative to review the specific application with our supplier. As use conditions and applicable laws may differ from one location to another and may change with time, when **Univar Solutions** supports an application, **Univar Solutions** does not warrant and is not responsible for the use in such application.

Please note **Univar Solutions** warrants that the products supplied meet the agreed specification but does not offer warranties as to fitness for purpose. You, as a user, must rely on your own testing in order to ascertain fitness for your intended purpose. Should you have any questions or require further information, please contact your **Univar Solutions** representative.

Whilst this policy is distributed with the SDS, it is to be considered as a separate document.

Yours sincerely,
Univar Solutions
Product Stewardship