

SAFETY DATA SHEET

(according to Regulation (EC) No. 2015/830)

Glade® Gel - Pure Clean Linen

Version 1.0

Revision Date 10.01.2019

Print Date 28.01.2019

Specification Number: 350000036036

SITE FORM Number:
30000000000000024483.002

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier : Glade® Gel - Pure Clean Linen

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

Use of the Substance/Mixture : Air care products

Uses advised against : None known.

1.3 Details of the supplier of the safety data sheet :

Telephone :

E-mail address :

1.4 Emergency telephone number :

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

This product does not meet the criteria for classification in any hazard class according to regulation (EC) 1272/2008.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

Precautionary statements

(P102) Keep out of reach of children.

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30000000000000024483.002**Contains**4-tert-butylcyclohexyl acetate
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one; and 2-methyl-2H -isothiazol-3-one(3:1)
May produce an allergic reaction.**2.3 Other hazards** : None identified**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Hazardous components**

Chemical name	CAS-No./EC No	Reg. No	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent
4-tert-butylcyclohexyl acetate	32210-23-4 250-954-9	01-2119976286-24	Skin sensitisation Category 1B H317	>= 0.10 - < 0.50

WEL substance	CAS-No./EC No	Reg. No	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent
titanium dioxide	13463-67-7 236-675-5	01-2119489379-17		>= 0.00 - < 0.10

Additional Information

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**Inhalation : No special requirements
Skin contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.

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Eye contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.

Ingestion : If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

Eyes : May irritate eyes.
No adverse effects expected when used as directed.

Skin effect : No adverse effects expected when used as directed.

Inhalation : No adverse effects expected when used as directed.

Ingestion : May cause abdominal discomfort.
No adverse effects expected when used as directed.

4.3 Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable : None identified

5.2 Special hazards arising from the substance or mixture : In case of fire and/or explosion do not breathe fumes.
Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters : In the event of fire, wear self-contained breathing apparatus.
Wear suitable protective clothing and gloves.
Refer to current EN or National standard as appropriate.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment.
- 6.2 Environmental precautions** : Outside of normal use, avoid release to the environment.
Prevent large amounts of product from entering drains.
Prevent further leakage or spillage if safe to do so.
Use appropriate containment to avoid environmental contamination.
- 6.3 Methods and materials for containment and cleaning up** : Clean residue from spill site.
Sweep up and shovel into suitable containers for disposal.
- 6.4 Reference to other sections** : For personal protection see section 8.
For disposal considerations see section 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** : For personal protection see section 8.
Normal measures for preventive fire protection.
- 7.2 Conditions for safe storage, including any incompatibilities** : Do not freeze.
Keep out of the reach of children.
Do not freeze.
No decomposition if stored and applied as directed.
- 7.3 Specific end use(s)** : Consumer uses: Private households (= general public = consumers)
Air care products

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limit Values

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
titanium dioxide	13463-67-7	10 mg/m3		total inhalable	UK_WELTWAS

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		4 mg/m3		respirable	UK_WELTWAS
		30 mg/m3		total inhalable	UK_WELSTEL
		12 mg/m3		respirable	UK_WELSTEL

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection : For prolonged or repeated contact use protective gloves.
Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours.
- Eye/face protection : No special requirements.
- Skin and body protection : No special requirements.
- Other information : Wash hands before breaks and at the end of workday.
- Environmental Exposure Controls : Refer to section 6.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Appearance : gel
- Colour : blue
- Odour : powder
- Odour Threshold : Test not applicable for this product type
- pH : Test not applicable for this product type
- Melting point/freezing point : 0 °C

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- Initial boiling point and boiling range : ≥ 100 °C
- Flash point : does not flash
- Evaporation rate : Test not applicable for this product type
- Flammability (solid, gas) : Does not sustain combustion.
- Upper/lower flammability or explosive limits : Test not applicable for this product type
- Vapour pressure : Test not applicable for this product type
- Vapour density : Test not applicable for this product type
- Relative density : 1 g/cm³ at 20 °C estimated

- Solubility(ies) : partly soluble
- Partition coefficient: n-octanol/water : Test not applicable for this product type
- Auto-ignition temperature : Test not applicable for this product type
- Decomposition temperature : Test not applicable for this product type
- Viscosity, dynamic : Test not applicable for this product type
- Viscosity, kinematic : Test not applicable for this product type
- Explosive properties : Test not applicable for this product type
- Oxidizing properties : Test not applicable for this product type

9.2 Other information

Other information : None identified :

SECTION 10: STABILITY AND REACTIVITY

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SITE FORM Number:
30000000000000024483.002**10.1 Reactivity** : No dangerous reaction known under conditions of normal use.**10.2 Chemical stability** : Stable under recommended storage conditions.**10.3 Possibility of hazardous reactions** : None known.**10.4 Conditions to avoid** : Extremes of temperature and direct sunlight.**10.5 Incompatible materials** : None known.**10.6 Hazardous decomposition products** : No decomposition if stored and applied as directed.**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute oral toxicity**

Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Product	LC50 (vapour) Calculated		> 20 mg/l	

Acute dermal toxicity

Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

Acute oral toxicity

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Name	Method	Species	Dose
4-tert-butylcyclohexyl acetate	LD50	Rat	5 g/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
4-tert-butylcyclohexyl acetate	No data available			

Acute dermal toxicity

Name	Method	Species	Dose
4-tert-butylcyclohexyl acetate	LD50	Rabbit	> 4,680 mg/kg

- Skin corrosion/irritation : Based on available data, the classification criteria are not met.
- Serious eye damage/eye irritation : Based on available data, the classification criteria are not met.
- Skin sensitisation : Based on available data, the classification criteria are not met.
- Germ cell mutagenicity : Based on available data, the classification criteria are not met.
- Carcinogenicity : Based on available data, the classification criteria are not met.
- Toxicity for reproduction : Based on available data, the classification criteria are not met.
- STOT - single exposure : Based on available data, the classification criteria are not met.
- STOT - repeated exposure : Based on available data, the classification criteria are not met.
- Aspiration hazard : Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

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Components	End point	Species	Value	Exposure time
4-tert-butylcyclohexyl acetate	LC50 flow-through test	Pimephales promelas (fathead minnow)	6.5 mg/l	96 h
titanium dioxide	EC50 static test	Pseudokirchnerella subcapitata	61 mg/l	72 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
4-tert-butylcyclohexyl acetate	EC50 static test	Daphnia magna (Water flea)	5.3 mg/l	48 h
titanium dioxide	EC50	Daphnia magna (Water flea)	> 500 mg/l	48 h
	NOEC	Daphnia magna	> 2.92 mg/l	21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
4-tert-butylcyclohexyl acetate	EC50 static test	Desmodesmus subspicatus (green algae)	22 mg/l	72 h
titanium dioxide	EC50 static test	Pseudokirchneriella subcapitata (green)	61 mg/l	72 h

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		algae)		
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12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
4-tert-butylcyclohexyl acetate	75 %	28 d	Readily biodegradable.
titanium dioxide	No data available		

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
4-tert-butylcyclohexyl acetate	234 - 334.6 QSAR	4.8
titanium dioxide	No data available	No data available

12.4 Mobility in soil

Component	End point	Value
4-tert-butylcyclohexyl acetate	Koc	> 3243 - < 4603 Calculated
titanium dioxide	No data available	

12.5 Results of PBT and vPvB assessment

Component	Results
4-tert-butylcyclohexyl acetate	Not fulfilling PBT and vPvB criteria
titanium dioxide	Not fulfilling PBT and vPvB criteria

12.6 Other adverse effects

None known.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	:	Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Disposal should be in accordance with local, state or national legislation. Please recycle empty packaging.
Packaging	:	Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture : This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment : Not required for consumer products.

SECTION 16: OTHER INFORMATION

If applicable, revision(s) are noted by the bold bars || in left-hand margin.

Key abbreviations or acronyms used

EC - European Community

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- EEC – European Economic Community
- CLP – Classification Labelling & Packaging
- EN – European Standard or European Norm
- PBT – Persistent, Bioaccumulative & Toxic
- vPvB – very persistent, very bioaccumulative
- UN – United Nations

Evaluation methods

Unless otherwise stated in section 11, the procedure used to derive the human health classification is the relevant calculation method according to CLP regulation (EC) No 1272/2008 as amended.

Unless otherwise stated in section 12, the procedure used to derive the environmental classification is the summation of the classified components method according to CLP regulation (EC) No 1272/2008 as amended.

Full text of H-Statements

H317	May cause an allergic skin reaction.
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.