



Safety Data Sheet

according to Regulation (EC) No. 1907/2006
(REACH)

D15 Rinseless Wash

version number GHS 2.0.

revision 2018-10-09.

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

- 1.1 Product identifier**
Trade name D15 Rinseless Wash
Registration number (REACH) Not relevant (mixture)
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Relevant identified uses Leather cleaner
- 1.3 Details of the supplier of the safety data sheet**
B&B Blending, LLC
10963 Leroy Drive
Northglenn
CO 80233
United States
- telephone
1.800.875.6320, 1.303.289.6320
e-mail: info@bbblending.com
website
bbblending.com
e-mail (competent person) Btirrell@bbblending.com
(Beth Tirrell)
- 1.4 Emergency telephone number**
Emergency information service USA 1.800.535.5053, INTL 1.352.323.3500
24 hour emergency number

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture**
Classification according to Regulation (EC) No 1272/2008 (CLP)

Section	Hazard class	Cat-egory	Hazard class and category	Hazard state-ment
3.3	Serious eye damage/eye irritation	1	Eye Dam. 1	H318
3.4S	Skin sensitisation	1	Skin Sens. 1	H317

For full text of abbreviations: see SECTION 16

- 2.2 Label elements**
Labelling according to Regulation (EC) No 1272/2008 (CLP)

Signal word Danger

Pictograms

GHS05, GHS07



Hazard statements

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

Additional statements

Contains 0 % of components with unknown hazards to the aquatic environment.



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Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous ingredients for labelling

Proprietary surfactant blend
CMIT/MIT mixture

2.3 Other hazards

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

Description of the mixture

Hazardous ingredients acc. to GHS				
Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
proprietary surfactant blend		3 - < 12	Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Dam. 1 / H318	
cocamidopropylhydroxysulfate	CAS No 68139-30-0 EC No 268-761-3	3 - < 12	Eye Irrit. 2 / H319	
decyl glucoside	CAS No 68515-73-1 EC No 500-220-1	1 - < 3	Eye Dam. 1 / H318	
lauryl glucoside	CAS No 110615-47-9	1 - < 3	Skin Irrit. 2 / H315 Eye Dam. 1 / H318	
sodium n-lauroylsarcosinate	CAS No 137-16-6 EC No 205-281-5	0.1 - < 1	Acute Tox. 2 / H330 Skin Irrit. 2 / H315 Eye Dam. 1 / H318	
cocamidopropyl dimethylamine	CAS No 68140-01-2 EC No 932-121-8	< 0.1	Acute Tox. 3 / H301 Skin Corr. 1B / H314 Eye Dam. 1 / H318 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	



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Hazardous ingredients acc. to GHS				
Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
CMIT/MIT mixture	CAS No 55965-84-9 EC No 911-418-6	<0.1	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 3 / H331 Skin Corr. 1B / H314 Eye Dam. 1 / H318 Skin Sens. 1 / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	GHS-HC
beta-Pinene	CAS No 127-91-3 EC No 204-872-5	<0.1	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 Skin Sens. 1 / H317 Asp. Tox. 1 / H304	

Notes

GHS-HC:Harmonised classification (the classification of the substance corresponds to the entry in the list according to 1272/2008/EC, Annex VI)

For full text of abbreviations: see SECTION 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none



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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray. Alcohol resistant foam. BC-powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NO_x). Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains.

Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). collect spillage
sawdust
kieselgur (diatomite)
sand
universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.



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Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feed-stuffs.

7.2 Conditions for safe storage, including any incompatibilities

Control of effects

Protect against external exposure, such as

Frost.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
GB	cycloalkanes, >C7	127-91-3	WEL		800						EH40/2005

Notation

Ceiling-C Ceiling value is a limit value above which exposure should not occur

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
decyl glucoside	68515-73-1	DNEL	595,000 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
decyl glucoside	68515-73-1	DNEL	420 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
lauryl glucoside	110615-47-9	DNEL	595,000 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
lauryl glucoside	110615-47-9	DNEL	420 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
sodium n-lauroylsarcosinate	137-16-6	DNEL	5 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
sodium n-lauroylsarcosinate	137-16-6	DNEL	5 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
cocamidopropyl dimethylamine	68140-01-2	DNEL	5.92 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
cocamidopropyl dimethylamine	68140-01-2	DNEL	0.84 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects



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Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
decyl glucoside	68515-73-1	PNEC	0.176 mg/l	aquatic organisms	freshwater	short-term (single instance)
decyl glucoside	68515-73-1	PNEC	0.0176 mg/l	aquatic organisms	marine water	short-term (single instance)
decyl glucoside	68515-73-1	PNEC	560 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
decyl glucoside	68515-73-1	PNEC	1.516 mg/kg	benthic organisms	sediments	short-term (single instance)
decyl glucoside	68515-73-1	PNEC	111.1 mg/kg	(top) predators	water	short-term (single instance)
decyl glucoside	68515-73-1	PNEC	0.654 mg/kg	terrestrial organisms	soil	short-term (single instance)
decyl glucoside	68515-73-1	PNEC	0.27 mg/l	aquatic organisms	water	intermittent release
decyl glucoside	68515-73-1	PNEC	0.152 mg/kg	pelagic organisms	sediments	short-term (single instance)
lauryl glucoside	110615-47-9	PNEC	0.176 mg/l	aquatic organisms	freshwater	short-term (single instance)
lauryl glucoside	110615-47-9	PNEC	0.018 mg/l	aquatic organisms	marine water	short-term (single instance)
lauryl glucoside	110615-47-9	PNEC	5,000 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
lauryl glucoside	110615-47-9	PNEC	1.516 mg/kg	benthic organisms	sediments	short-term (single instance)
lauryl glucoside	110615-47-9	PNEC	0.065 mg/kg	pelagic organisms	sediments	short-term (single instance)
lauryl glucoside	110615-47-9	PNEC	111.1 mg/kg	(top) predators	water	short-term (single instance)
lauryl glucoside	110615-47-9	PNEC	0.654 mg/kg	terrestrial organisms	soil	short-term (single instance)
lauryl glucoside	110615-47-9	PNEC	0.0295 mg/l	aquatic organisms	water	intermittent release
sodium n-lauroylsarcosinate	137-16-6	PNEC	0.0297 mg/l	aquatic organisms	freshwater	short-term (single instance)
sodium n-lauroylsarcosinate	137-16-6	PNEC	10 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
sodium n-lauroylsarcosinate	137-16-6	PNEC	0.034 mg/kg	benthic organisms	sediments	short-term (single instance)
sodium n-lauroylsarcosinate	137-16-6	PNEC	0.0034 mg/kg	pelagic organisms	sediments	short-term (single instance)
sodium n-lauroylsarcosinate	137-16-6	PNEC	0.012 mg/kg	terrestrial organisms	soil	short-term (single instance)
sodium n-lauroylsarcosinate	137-16-6	PNEC	0.297 mg/l	aquatic organisms	water	intermittent release



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Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
sodium n-lauroylsarcosinate	137-16-6	PNEC	0.003 mg/l	aquatic organisms	marine water	short-term (single instance)
cocamidopropyl dimethylamine	68140-01-2	PNEC	0.3 µg/l	aquatic organisms	freshwater	short-term (single instance)
cocamidopropyl dimethylamine	68140-01-2	PNEC	0.03 µg/l	aquatic organisms	marine water	short-term (single instance)
cocamidopropyl dimethylamine	68140-01-2	PNEC	0.2 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
cocamidopropyl dimethylamine	68140-01-2	PNEC	1.981 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
cocamidopropyl dimethylamine	68140-01-2	PNEC	0.198 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
cocamidopropyl dimethylamine	68140-01-2	PNEC	9.1 mg/kg	terrestrial organisms	soil	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance



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Physical state	Liquid
Colour	Colourless - Transparent
Odour	Citrus

Other safety parameters

PH (value)	3.5 – 4.5 (water: 50 g/l, 25 °C)
Melting point/freezing point	Not determined
Initial boiling point and boiling range	100 °C
Flash point	>100 °C at 101.3 kPa
Evaporation rate	Not determined
Flammability (solid, gas)	Not relevant Fluid
Explosive limits	Not determined
Vapour pressure	31.69 hPa at 25 °C
Density	Not determined
Vapour density	This information is not available
Relative density	Information on this property is not available

Solubility(ies)

Water solubility	Miscible in any proportion
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Partition coefficient

- n-octanol/water (log KOW)	This information is not available
Auto-ignition temperature	Not determined
Viscosity	Not determined
Explosive properties	None
Oxidising properties	None

9.2 Other information	There is no additional information
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SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.



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10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

Oxidisers.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
proprietary surfactant blend		oral	1,923 mg/kg
sodium n-lauroylsarcosinate	137-16-6	inhalation: vapour	0.5 mg/l/4h
cocamidopropyl dimethylamine	68140-01-2	oral	300 mg/kg
CMIT/MIT mixture	55965-84-9	oral	100 mg/kg
CMIT/MIT mixture	55965-84-9	dermal	300 mg/kg
CMIT/MIT mixture	55965-84-9	inhalation: vapour	3 mg/l/4h

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.



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SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Endocrine disrupting potential

None of the ingredients are listed.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number

Not subject to transport regulations

14.2 UN proper shipping name

Not relevant

14.3 Transport hazard class(es)

None

14.4 Packing group

Not relevant

14.5 Environmental hazards

Non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

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

The cargo is not intended to be carried in bulk.

14.8 Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)

Not subject to ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG)

Not subject to IMDG.



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International Civil Aviation Organization (ICAO-IATA/DGR)

Not subject to ICAO-IATA.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant provisions of the European Union (EU) Restrictions according to REACH, Annex XVII

Dangerous substances with restrictions (REACH, Annex XVII)					
Name of substance	Name acc. to inventory	CAS No	Type of registration	Restriction	No
D15 Rinseless Wash	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC		1907/2006/EC annex XVII	R3	3
beta-Pinene	flammable / pyrophoric		1907/2006/EC annex XVII	R40	40

Legend

- R3**
- Shall not be used in:
 - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
 - tricks and jokes,
 - games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
 - Articles not complying with paragraph 1 shall not be placed on the market.
 - Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
 - can be used as fuel in decorative oil lamps for supply to the general public, and,
 - present an aspiration hazard and are labelled with R65 or H304,
 - Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).
 - Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
 - lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010, 'Just a sip of lamp oil - or even sucking the wick of lamps - may lead to life-threatening lung damage';
 - grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter may lead to life threatening lung damage';
 - lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
 - No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public.
 - Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.
- R40**
- Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:
 - metallic glitter intended mainly for decoration,
 - artificial snow and frost,
 - 'whoopie' cushions,
 - silly string aerosols,
 - imitation excrement,
 - horns for parties,
 - decorative flakes and foams,
 - artificial cobwebs,
 - stink bombs.
 - Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:
'For professional users only'.
 - By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC (2).
 - The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

List of substances subject to authorisation (REACH, Annex XIV)/SVHC - candidate list

none of the ingredients are listed



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Deco-Paint Directive (2004/42/EC)

VOC content	9.358 %
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Directive on industrial emissions (VOCs, 2010/75/EU)

VOC content	9.77 %
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Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II

none of the ingredients are listed

Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)

none of the ingredients are listed

National inventories

Country	Inventory	Status
CA	DSL	not all ingredients are listed
EU	REACH Reg.	not all ingredients are listed

Legend

DSL Domestic Substances List (DSL)

REACH Reg. REACH registered substances

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
1.3	e-mail (competent person): Bblahnik@bbblending.com (Robert Blahnik)	e-mail (competent person): Btirrell@bbblending.com (Beth Tirrell)	yes
2.2		Additional statements: Contains 0 % of components with unknown hazards to the aquatic environment.	yes
2.2	Hazardous ingredients for labelling: CMIT/MIT mixture Decyl glucoside	Hazardous ingredients for labelling: Proprietary surfactant blend CMIT/MIT mixture	yes
3.2		Hazardous ingredients acc. to GHS: change in the listing (table)	yes
4.1	Following eye contact: Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.	Following eye contact: Remove contact lenses, if present and easy to do. Continue rinsing.	yes
8.1	Control parameters: These information are not available.	Control parameters	yes



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Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
8.1		Occupational exposure limit values (Workplace Exposure Limits): change in the listing (table)	yes
8.1		Relevant DNELs of components of the mixture: change in the listing (table)	yes
8.1		Relevant PNECs of components of the mixture: change in the listing (table)	yes
9.1	PH (value): 3.5 – 4.5 (50 g/l, 25 °C)	PH (value): 3.5 – 4.5 (water: 50 g/l, 25 °C)	yes
9.1	Density: 1.021 g/ml	Density: Not determined	yes
9.1		Relative density: Information on this property is not available	yes
11.1		Acute toxicity estimate (ATE) of components of the mixture: change in the listing (table)	yes
14.1	UN number: Not required Not subject to transport regulations	UN number: Not subject to transport regulations	yes
15.1		Dangerous substances with restrictions (REACH, Annex XVII): change in the listing (table)	yes
15.1	VOC content: 19.26 %	VOC content: 9.358 %	yes
15.1	VOC content: 19.26 %	VOC content: 9.77 %	yes
15.1		National inventories	yes
15.1		National inventories: change in the listing (table)	yes
16		Abbreviations and acronyms: change in the listing (table)	yes
16		List of relevant phrases (code and full text as stated in chapter 2 and 3): change in the listing (table)	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
Acute Tox.	Acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Acute	Hazardous to the aquatic environment - acute hazard
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
Asp. Tox.	Aspiration hazard
ATE	Acute Toxicity Estimate



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Abbr.	Descriptions of used abbreviations
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EH40/2005	EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/)
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
STEL	Short-term exposure limit
SVHC	Substance of Very High Concern
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative
WEL	Workplace exposure limit

Key literature references and sources for data



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Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties. The classification is based on tested mixture.
Health hazards. Environmental hazards. The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.