

## DRESS UP

Version number: GHS 3.0  
Replaces version of: 2024-06-13 (GHS 2)

Revision: 2024-11-18

### SECTION 1: Identification

- 1.1 Product identifier  
Trade name Dress Up
- 1.2 Relevant identified uses of the substance or mixture and uses advised against  
Relevant identified uses All-purpose dressing  
Professional use  
Industrial use  
HS code 3405.30.00.
- 1.3 Details of the supplier of the safety data sheet  
Wisconsin Chemical Wholesale  
385 W Arndt St  
Fond Du lac, WI 54935  
United States  
e-mail: wisconsinchemicalwholesale@gmail.com  
Website: www.wisconsinchemical.com  
e-mail (competent person) wisconsinchemicalwholesale@gmail.com
- 1.4 Emergency telephone number  
Emergency information service USA 1.800.535.5053, INTL 1.352.323.3500  
24 hr emergency information

### SECTION 2: Hazard(s) identification

- 2.1 Classification of the substance or mixture  
Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)  
This mixture does not meet the criteria for classification.  
The most important adverse physicochemical, human health and environmental effects  
The mixture contains a substance that was identified as a PBT (persistent, bioaccumulative and toxic). The mixture contains a substance that was identified as vPvB (very persistent and very bioaccumulative).  
Additional information  
Contains a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .
- 2.2 Label elements  
Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)  
not required
- 2.3 Other hazards  
Results of PBT and vPvB assessment  
Contains a PBT-substance at a concentration of  $\geq 0.1\%$ . Contains a vPvB-substance at a concentration of  $\geq 0.1\%$ .  
Endocrine disrupting properties  
Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

### SECTION 3: Composition/information on ingredients

- 3.1 Substances  
Not relevant (mixture)

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### 3.2 Mixtures

#### Description of the mixture

Hazardous ingredients acc. to GHS				
Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
dipropylene glycol mono-methyl ether	CAS No 34590-94-8	1 - < 4	Flam. Liq. 4 / H227	
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	CAS No 25973-55-1	< 1	Acute Tox. 4 / H312 Acute Tox. 2 / H330 STOT RE 2 / H373	PBT vPvB

#### Notes

PBT: The substance was identified as a PBT (persistent, bioaccumulative and toxic)

vPvB: The substance was identified as a vPvB (very persistent and very bioaccumulative)

#### Remarks

For full text of abbreviations: see SECTION 16. Exact percentage of ingredients is withheld as a trade secret.

*This table, if present, includes all GHS classified ingredients present above their cut-off limits, even if the finished product is not classified as hazardous by GHS.*

## 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.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO<sub>2</sub>)

### 5.2 Special hazards arising from the substance or mixture

#### Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate 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.

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### 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 vapors/dust/aerosols/gases.
- 6.2 Environmental precautions  
not required
- 6.3 Methods and material for containment and cleaning up  
Advice on how to contain a spill  
Covering of drains  
Advice 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

Precautions for safe handling

7.1 Recommendations

- Measures to prevent fire as well as aerosol and dust generation

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

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 feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Control of the effects

Protect against external exposure, such as

frost

7.3 Specific end use(s)

See section 16 for a general overview.

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### 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 <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
US	(2-methoxy-methylethoxy)propanol	34590-94-8	TLV®	100		150					AC-GIH® 2019
US	dipropylene glycol methyl ether	34590-94-8	PEL (CA)	100	600	150	900			H	Cal/O SHA PEL
US	dipropylene glycol methyl ether	34590-94-8	REL	100 (10 h)	600 (10 h)	150	900			H	NIOSH REL
US	dipropylene glycol methyl ether	34590-94-8	PEL	100	600					H	29 CFR 1910.1000
US	glycerine	56-81-5	REL							mist, appx-D	NIOSH REL
US	glycerine	56-81-5	PEL		15					mist, dust	29 CFR 1910.1000
US	glycerine	56-81-5	PEL		5					mist, r	29 CFR 1910.1000

#### Notation

appx-D	see Appendix D - Substances with No Established RELs
Ceiling-C	ceiling value is a limit value above which exposure should not occur
dust	as dust
H	absorbed through the skin
mist	as mists
r	respirable fraction
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						
Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
dipropylene glycol monomethyl ether	34590-94-8	DNEL	950 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
dipropylene glycol monomethyl ether	34590-94-8	DNEL	404 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
2-(2H-benzotriazol-2-	25973-55-1	DNEL	0.7 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic

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Relevant DNELs of components						
Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
yl)-4,6-ditertpentylphenol						effects
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	DNEL	0.3 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
dipropylene glycol monomethyl ether	34590-94-8	PNEC	4,168 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
dipropylene glycol monomethyl ether	34590-94-8	PNEC	19 mg/l	aquatic organisms	freshwater	short-term (single instance)
dipropylene glycol monomethyl ether	34590-94-8	PNEC	1.9 mg/l	aquatic organisms	marine water	short-term (single instance)
dipropylene glycol monomethyl ether	34590-94-8	PNEC	4,168 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
dipropylene glycol monomethyl ether	34590-94-8	PNEC	2.2 mg/kg	terrestrial organisms	soil	short-term (single instance)
dipropylene glycol monomethyl ether	34590-94-8	PNEC	192 mg/l	aquatic organisms	water	intermittent release
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	PNEC	0.01 mg/l	aquatic organisms	freshwater	short-term (single instance)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	PNEC	1 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	PNEC	451 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	PNEC	45 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	PNEC	90 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.

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### 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.

### 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

Physical state	liquid
Color	pale green
Particle	not relevant (liquid)
Odor	fruity and sour

#### Other safety parameters

pH (value)	7.5–8 (25 °C)
Melting point/freezing point	not determined
Initial boiling point and boiling range	>65 °C at 1 atm
Flash point	>100 °C at 101 kPa
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant, (fluid)

#### Explosive limits

- Lower explosion limit (LEL)	1.1 vol%
- Upper explosion limit (UEL)	19 vol%
Vapor pressure	<25 mmHg at 20 °C
Density	not determined
Vapor density	this information is not available
Relative density	0.98–1 at 25 °C (water = 1)

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### 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	270 °C not determined none
Viscosity	none
Explosive properties	
Oxidizing properties	

### 9.2 Other information

Temperature class (USA, acc. to NEC 500)	T2B (maximum permissible surface temperature on the equipment: 260°C)
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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

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

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

### 10.5 Incompatible materials

Oxidizers

### 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 acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

This mixture does not meet the criteria for classification.

#### Acute toxicity

Shall not be classified as acutely toxic.

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Acute toxicity estimate (ATE) of components			
Name of substance	CAS No	Exposure route	ATE
2-(2H-benzotriazol-2-yl)-4,6-	25973-55-	dermal	>1,100 mg/kg
ditertpentylphenol 2-(2H-benzotriazol-2-	1 25973-	inhalation: dust/mist	>0.4 mg/l/4h

yl)-4,6-ditertpentylphenol 55-1  
 Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

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.

### 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

Contains a PBT-substance at a concentration of  $\geq 0.1\%$ . Contains a vPvB-substance at a concentration of  $\geq 0.1\%$ .

#### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

#### 12.7 Other adverse effects

Data are not available.

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### 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/packages

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.	UN number	not subject to transport regulations
1	UN proper shipping name	not relevant
14.	Transport hazard class(es)	none
2	Packing group	not assigned
14.	Environmental hazards	non-environmentally hazardous acc. to the dangerous goods regulations
3		
14.6	Special precautions for user	
14.		There is no additional information.
4	14.7	Transport in bulk according to IMO instruments
14.		The cargo is not intended to be carried in bulk.
5		
	<del>Information for each of the UN Model Regulations</del>	
	Transport of dangerous goods by road or rail (49 CFR US DOT)	
	Not subject to transport regulations.	
	International Maritime Dangerous Goods Code (IMDG)	
	Not subject to IMDG.	
	International Civil Aviation Organization (ICAO-IATA/DGR)	
	Not subject to ICAO-IATA.	

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### National regulations (United States)

Toxic Substance Control Act (TSCA) all ingredients are listed

##### Superfund Amendment and Reauthorization Act (SARA TITLE III )

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

##### Clean Air Act

none of the ingredients are listed

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### Right to Know Hazardous Substance List

#### - Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
water	7732-18-5	solvent	
polydimethylsiloxane	63148-62-9	surface modifier	
acrylic copolymer	not available	polymer	
Glycerine	56-81-5	humectant	
dipropylene glycol monomethyl ether	34590-94-8	surfactant	
silanol terminated polydimethylsiloxane	70131-67-8	surface modifier	
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	surfactant	
Alcohols, C9-11 ethoxylated	68439-46-3	surfactant	
hydroxypropylheptamethyltrisiloxane,ethoxylated, hydroxy-terminated	67674-67-3	surface modifier	
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1		EC PBTs
Polyethylene glycol	25322-68-3	surfactant	
citrat	5392-40-5	fragrance	
linatool	78-70-6	fragrance	EU Fragrance Allergens

#### - Hazardous Substances List (MN-ERTK)

Name of substance	CAS No	References	Remarks
dipropylene glycol monomethyl ether	34590-94-8	A, O	

#### Legend

- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division

#### - Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
dipropylene glycol monomethyl ether	34590-94-8		F2

#### Legend

- F2 Flammable - Second Degree

#### - Hazardous Substance List (Chapter 323) (PA-RTK)

Name acc. to inventory	CAS No	Classification
PROPANOL, (2-METHOXYMETHYLETHOXY)-	34590-94-8	

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### - Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
dipropylene glycol monomethyl ether	34590-94-8	T

#### Legend

T Toxicity (ACGIH®)

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Proposition 65 List of chemicals				
Name acc. to inventory	CAS No	Conc.	Remarks	Type of the toxicity
1,4-dioxane	123-91-1	0.00000075 wt%		cancer

### VOC content

- Regulated Volatile Organic Compounds (VOC-EPA) 3.5 %
- Regulated Volatile Organic Compounds (VOC-Cal ARB) 3.5 %

### Industry or sector specific available guidance(s)

#### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	0	no significant risk to health
Flammability	1	material that must be preheated before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

Chronic: chronic hazard  
 Flammability: flammability hazards  
 Health: health hazard  
 Personal protection: personal protective equipment (PPE) for normal use  
 Physical hazard: reactivity

#### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	1	material that must be preheated before ignition can occur
Health	0	material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material
Instability	0	material that is normally stable, even under fire conditions

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Category	Degree of hazard	Description
Special hazard		

### National inventories

Country	Inventory	Status
CA	DSL	all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
US	TSCA	all ingredients are listed (ACTIVE)
AU	AIIC	not all ingredients are listed
CN	IECSC	not all ingredients are listed
EU	ECSI	not all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	not all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	not all ingredients are listed
PH	PICCS	not all ingredients are listed
TR	CICR	not all ingredients are listed
TW	TCSI	not all ingredients are listed
VN	NCI	not all ingredients are listed

#### Legend

AIIC	Australian Inventory of Industrial Chemicals
CICR	Chemical Inventory and Control Regulation
CSCL-ENCS	List of Existing and New Chemical Substances (CSCL-ENCS)
DSL	Domestic Substances List (DSL)
ECSI	EC Substance Inventory (EINECS, ELINCS, NLP)
IECSC	Inventory of Existing Chemical Substances Produced or Imported in China
INSQ	National Inventory of Chemical Substances
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NCI	National Chemical Inventory
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
REACH Reg.	REACH registered substances
TCSI	Taiwan Chemical Substance Inventory
TSCA	Toxic Substance Control Act

### Additional information

The contained substances are listed in the following national inventories:  
 DSL/NDSL (Canada) TSCA (United States)

## 15.2 Chemical Safety Assessment

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

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### SECTION 16: Other information, including date of preparation or last revision

#### Indication of changes (revised safety data sheet)

 Alignment to regulation: Globally Harmonized System of Classification and Labelling of Chemicals ("Purple book").  
 Restructuring: section 9, section 14

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
2.1	Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)	Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200): This mixture does not meet the criteria for classification.	yes
2.1		Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200): change in the listing (table)	yes
2.1	The most important adverse physicochemical, human health and environmental effects: The product is combustible and can be ignited by potential ignition sources. The mixture contains a substance that was identified as a PBT (persistent, bioaccumulative and toxic). The mixture contains a substance that was identified as vPvB (very persistent and very bioaccumulative).	The most important adverse physicochemical, human health and environmental effects: The mixture contains a substance that was identified as a PBT (persistent, bioaccumulative and toxic). The mixture contains a substance that was identified as vPvB (very persistent and very bioaccumulative).	yes
2.2	Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)	Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200): not required	yes
2.2	- Signal word: warning		yes
2.2	- Pictograms: not required		yes
2.2		- Hazard statements: change in the listing (table)	yes
2.2		- Precautionary statements: change in the listing (table)	yes
2.3	Other hazards: This material is combustible, but will not ignite readily.	Other hazards	yes
3.2		Hazardous ingredients acc. to GHS: change in the listing (table)	yes
3.2	Remarks: For full text of abbreviations: see SECTION 16. This table, if present, includes all GHS classified ingredients present above their cut-off limits, even if the finished product is not classified as hazardous by GHS.	Remarks: For full text of abbreviations: see SECTION 16. Exact percentage of ingredients is withheld as a trade secret. This table, if present, includes all GHS classified ingredients present above their cut-off limits, even if the finished product is not classified as hazardous by GHS.	yes
5.2	Special hazards arising from the substance or mixture: In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.	Special hazards arising from the substance or mixture	yes

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Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
7.1	<p>- Measures to prevent fire as well as aerosol and dust generation: Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.</p>	<p>- Measures to prevent fire as well as aerosol and dust generation: Use local and general ventilation. Use only in well-ventilated areas.</p>	yes
7.1	<p>Specific notes/details: Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.</p>		yes
7.	Managing of associated risks		yes
2 7. 2	<p>- Explosive atmospheres: Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.</p>		yes
7.2	<p>- Flammability hazards: Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.</p>		yes
7.2	<p>- Ventilation requirements: Use local and general ventilation. Ground/bond container and receiving equipment.</p>		yes
9.1	Flash point: 86 °C at 101 kPa	Flash point: >100 °C at 101 kPa	yes
9.1	Density: 1 g/ml	Density: not determined	yes
10.1	<p>Reactivity: Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.</p>	<p>Reactivity: Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".</p>	yes
10.1	<p>If heated: Risk of ignition</p>		yes
10.2	<p>Chemical stability: See below "Conditions to avoid".</p>	<p>Chemical stability: The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.</p>	yes
10.4	<p>Conditions to avoid: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p>	<p>Conditions to avoid: There are no specific conditions known which have to be avoided.</p>	yes
10.4	<p>Hints to prevent fire or explosion: Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.</p>		yes
11.1	Classification acc. to OSHA "Hazard Communica-	Classification acc. to OSHA "Hazard Communica-	yes

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Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
	tion Standard" (29 CFR 1910.1200)	tion Standard" (29 CFR 1910.1200): This mixture does not meet the criteria for classification.	
13.1	Waste treatment-relevant information: Solvent reclamation/regeneration.		yes
15.1	Specific Toxic Chemical Listings (EPCRA Section 313): none of the ingredients are listed		yes
15.1	Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)		yes
15.1	List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4): none of the ingredients are listed		yes
15.1	Toxic or Hazardous Substance List (MA-TURA): none of the ingredients are listed		yes
15.1	California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987: none of the ingredients are listed	California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987	yes
15.1		Proposition 65 List of chemicals: change in the listing (table)	yes
15.1	Regulated Volatile Organic Compounds (VOC-EPA): 4.4 %	Regulated Volatile Organic Compounds (VOC-EPA): 3.5 %	yes
15.1	Regulated Volatile Organic Compounds (VOC-Cal ARB): 4.4 %	Regulated Volatile Organic Compounds (VOC-Cal ARB): 3.5 %	yes
15.1		NPCA-HMIS® III: change in the listing (table)	yes
15.1		NFPA® 704: change in the listing (table)	yes

### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
29 CFR 1910.1000	29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
49 CFR US DOT	49 CFR U.S. Department of Transportation
ACGIH®	American Conference of Governmental Industrial Hygienists
ACGIH® 2019	From ACGIH®, 2019 TLVs® and BEIs® Book. Copyright 2019. Reprinted with permission. Information on the proper use of the TLVs® and BEIs®: <a href="http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement">http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement</a>
Acute Tox.	Acute toxicity
ATE	Acute Toxicity Estimate
Cal/OSHA PEL	California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)
Cal ARB	California Air Resources Board
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)

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Abbr.	Descriptions of used abbreviations
Ceiling-C	Ceiling value
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EPA	Environmental Protection Agency. An agency of the federal government of the United States charged with protecting human health and the environment
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
HS	Harmonized Commodity Description and Coding System (Harmonized System, drawn up by the World Customs Organisation)
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
NIOSH REL	National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)
NLP	No-Longer Polymer
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible exposure limit
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
STEL	Short-term exposure limit
STOT RE	Specific target organ toxicity - repeated exposure
TLV®	Threshold Limit Values
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative

### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). 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).

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

Code	Text
H227	Combustible liquid.
H312	Harmful in contact with skin.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.

### Disclaimer

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