

Trade name: Treatex Spruce Colour Tone 11070Z

Version: 13 / WORLD

Date created/revised: 03.11.16

Replaces Version: 12 / WORLD

Print date: 16.08.16

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Treatex Spruce Colour Tone 11070Z

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

Use of the substance/preparation

Surface treatment of wood and other materials

Identified Uses

	REACHSET 2003
SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
ERC8a	Wide dispersive indoor use of processing aids in open systems
ERC8c	Wide dispersive indoor use resulting in inclusion into or onto a matrix
PROC10	Roller application or brushing

1.3. Details of the supplier of the safety data sheet

Producer

Whittle Waxes

P.O. Box 455 Cooroy. QLD 4563

Telephone no. +61 (0) 1300 326 929 or 07 5471 7963

E-mail address info@whittlewaxes.com.au

1.4. Emergency telephone number

Australia +61 13 11 26

2. Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 3 H226

STOT SE 3 H336

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008 For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms ***



Signal word

Warning

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Hazard statements ***

H226 Flammable liquid and vapour.
 H336 May cause drowsiness or dizziness.

Precautionary statements ***

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P309+P315 IF exposed or if you feel unwell: Get immediate medical advice/attention.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008) contains

*** naphtha hydrodesulfurized heavy **Supplemental information**

EUH066 Repeated exposure may cause skin dryness or cracking.

Further supplemental information

Cleaning cloth soaked with the product can self ignite during packing up, therefore dry the cloth on a line or through spreading and dispose of after dry up.

2.3. Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB) (if not listed in Section 3).

3. Composition/information on ingredients ***

Hazardous ingredients (Regulation (EC) No. 1272/2008) * naphtha hydrodesulfurized heavy**

CAS No.	64742-48-9				
EINECS no.	265-150-3				
Registration no.	01-2119463258-33				
Concentration	>= 20	<	25	%	

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 3	H226
Asp. Tox. 1	H304
STOT SE 3	H336

alkanes, C11-14-iso-

CAS No.	90622-58-5				
Concentration	>= 10	<	25	%	

Classification (Regulation (EC) No. 1272/2008)

Asp. Tox. 1	H304
Aquatic Chronic 4	H413
	EUH066

naphtha hydrodesulfurized heavy

CAS No.	64742-48-9
EINECS no.	265-150-3
Registration no.	01-2119457273-39

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Concentration >= 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)

Asp. Tox. 1 H304
EUH066

decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester, reaction products with tert-butyl hydroperoxide and octane

EINECS no. 406-750-9

Registration no. 01-2119480191-44

Concentration >= 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)

Aquatic Chronic 4 H413

branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-propionates

CAS No. 127519-17-9 EINECS no. 407-000-6

Concentration >= 1 < 3 %

Classification (Regulation (EC) No. 1272/2008)

Aquatic Chronic 2 H411

2-ethylhexanoic acid zirconium salt

CAS No. 22464-99-9

EINECS no. 245-018-1

Registration no. 01-2119979088-21

Concentration >= 0,1 < 1 %

Classification (Regulation (EC) No. 1272/2008)

Repr. 2 H361d

Further hazardous ingredients

For explanation of abbreviations see section 16.

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) (if not listed in Section 3).

4. First aid measures

4.1. Description of first aid measures

General information

When symptoms persist or in all cases of doubt seek medical advice. If unconscious place in recovery position and seek medical advice. First aider needs to protect himself. Move out of dangerous area.

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. Keep patient warm and at rest. Consult a physician for severe cases.

After skin contact

Wash off immediately with soap and plenty of water. Do NOT use solvents or thinners. If skin irritation

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persists, call a physician.

After eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

After ingestion

Do NOT induce vomiting. Consult a physician.

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

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. High concentration of vapours may cause irritation to eyes and respiratory system and produce narcotic effects. The liquid splashed in the eyes may cause irritation and reversible damage.

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

Hints for the physician / treatment

Treat symptomatically.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Non suitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health. Vapours can form an explosive mixture with air.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Wear self contained breathing apparatus for fire fighting if necessary.

Other information

Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water spray. Standard procedure for chemical fires.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Ensure adequate ventilation. Avoid breathing vapours, mist or gas.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. Contact the proper local authorities.

6.3. Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national

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regulations (see section 13). Clean contaminated floors and objects thoroughly while observing environmental regulations. Clean with detergents. Avoid solvents. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Keep container tightly closed and dry in a cool, well-ventilated place. Use only with adequate ventilation/personal protection. Ensure adequate ventilation. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values. Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Do not eat, drink or smoke when using this product. Use personal protective equipment. For personal protection see Section 8.

Advice on protection against fire and explosion

Vapours may form explosive mixtures with air. Vapours are heavier than air and may spread along floors. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Take measures to prevent the build up of electrostatic charge. Wear shoes with conductive soles. No sparking tools should be used. Standard procedure for chemical fires. Do not process in the same cabin together with highly flammable material (e.g. CN lacquer) => fire hazard through self ignition! Cleaning cloth soaked with the product can self ignite during packing up, therefore dry the cloth on a line or through spreading and dispose of after dry up.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in an area equipped with solvent resistant flooring. Store at room temperature in the original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hints on storage assembly

Keep away from oxidising agents and strongly acid or alkaline materials.

Storage class according to the Occupation Safety Ordinance:

Flammable.

Further information on storage conditions

Keep away from heat. Protect from sunlight. Protect from frost - <10%, for a solvent content (see section 15 VOC). Keep away from sources of ignition - No smoking. Store in accordance with the particular national regulations.

7.3. Specific end use(s)

See exposure scenario, if available.

8. Exposure controls/personal protection ***

8.1. Control parameters

Other information

Safety data sheet in accordance with regulation (EC) No 1907/2006

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-
Derived No/Minimal Effect Levels (DNEL/DMEL) ***

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naphtha hydrodesulfurized heavy

Type of value	DNEL	
Reference group	Workers (professional)	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	systemic effect	
Concentration	300	mg/kg/d

Type of value	DNEL	
Reference group	Workers (professional)	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	systemic effect	
Concentration	1500	mg/m ³

Type of value	DNEL	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	systemic effect	
Concentration	300	mg/kg/d

Type of value	DNEL	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	systemic effect	
Concentration	900	mg/m ³

Type of value	DNEL	
Reference group	Consumers	
Duration of exposure	Long-term	

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Route of exposure	Oral exposure	
Mode of action	systemic effect	
Concentration	300	mg/kg/d

naphtha hydrodesulfurized heavy

Type of value	DNEL	
Reference group	Workers (industrial)	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	systemic effect	
Concentration	208	mg/kg/d

Type of value	DNEL	
Reference group	Workers (industrial)	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	systemic effect	
Concentration	871	mg/m ³

Type of value	DNEL	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Oral exposure	
Mode of action	systemic effect	
Concentration	125	mg/kg/d

Type of value	DNEL	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	systemic effect	
Concentration	125	mg/kg/d

Type of value	DNEL	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	systemic effect	
Concentration	900	mg/m ³

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8.2. Exposure controls

Exposure controls

Apply technical measures to comply with the workplace exposure limits. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

Respiratory protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Recommended Filter type: Combination filter: A2-P2 (EN 141, 143, 371) **Hand protection**

Protective gloves complying with EN 374.

Glove material

Multilayer gloves made from

Appropriate Material Fluorinated rubber / butyl-rubber

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

The exact break through time can be obtained from the protective glove producer and this has to be observed.

Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection

Wear eye glasses with side protection according to EN 166.

Body protection

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form liquid **Colour** white

Odour characteristic

Odour threshold

Remarks no data available **pH value**

Remarks no data available

Melting point

Remarks no data available

Freezing point

Remarks no data available

Initial boiling point and boiling range

Value 180 to 217 °C

Flash point

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Value 43 °C

Evaporation rate

Remarks no data available

Flammability (solid, gas) no data available

Upper/lower flammability or explosive limits

Remarks no data available

Vapour density

Remarks no data available

Density

Value 0,99 g/cm³
 Temperature 20 °C

Solubility in water

Remarks no data available

Solubility(ies)

Remarks no data available

Partition coefficient: n-octanol/water

Remarks no data available

Ignition temperature

Remarks no data available

Decomposition temperature

Remarks no data available

Viscosity

kinematic

Value > 21 mm²/s
 Temperature 40 °C

Efflux time

Value 26 to 32 s
 Temperature 20 °C
 Method DIN 53211 4 mm

Explosive properties

evaluation no data available

Oxidising properties

Remarks no data available

9.2. Other information

Other information

This information is not available.

10. Stability and reactivity

10.1. Reactivity

No conditions to be specially mentioned.

10.2. Chemical stability

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Stable under normal conditions.

10.3. Possibility of hazardous reactions

To avoid thermal decomposition, do not overheat.

10.4. Conditions to avoid

Heat, flames and sparks.

Decomposition temperature

Remarks no data available

10.5. Incompatible materials

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6. Hazardous decomposition products

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke. No decomposition if stored and applied as directed.

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Remarks Based on available data, the classification criteria are not met.

Acute oral toxicity (Components)

naphtha hydrodesulfurized heavy

Species	rat		
LD50	>	5000	mg/kg

decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester, reaction products with tert-bu hydroperoxide and octane

Species	rat		
LD50	>	2000	mg/kg
Method	alkanes, Limited Test		

C11-14-iso-

Species	rat		
LD50	>	5000	mg/kg
Method	OECD 401		

naphtha hydrodesulfurized heavy

Species	rat		
LD50	>	5000	mg/kg

Acute dermal toxicity

Remarks Based on available data, the classification criteria are not met.

Acute dermal toxicity (Components)

naphtha hydrodesulfurized heavy

Species	rat		
LD50		3160	mg/kg

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decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester, reaction products with tert-bu hydroperoxide and octane

Species rabbit
 LD50 > 2000 mg/kg
 Method Limited Test

alkanes, C11-14-iso-

Species rabbit
 LD50 > 5000 naphtha hydrodesulfurized mg/kg

heavy

Species rabbit
 LD50 > 3000 mg/kg

Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

Acute inhalative toxicity (Components) naphtha hydrodesulfurized heavy

Species rat
 LC50 appr. 100 mg/l

Duration of exposure 4 h

Remarks Mist alkanes, C11-14-

iso-

Species rat
 LC50 > 5,6 mg/l

Duration of exposure = 4 h

Remarks Mist naphtha

hydrodesulfurized heavy

LC50 > 5 mg/l

Duration of exposure 4 h

Remarks Mist

Skin corrosion/irritation

Remarks Based on available data, the classification criteria are not met. **Serious eye**

damage/irritation

Remarks Based on available data, the classification criteria are not met. **Sensitization**

Remarks Based on available data, the classification criteria are not met.

Sensitization (Components)

uaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, stearates, salts with bentonite evaluation No sensitizing effects known.

Mutagenicity

Remarks Based on available data, the classification criteria are not met. **Reproductive toxicity**

Remarks Based on available data, the classification criteria are not met. **Carcinogenicity**

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT)

Remarks The classification criteria are met

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Aspiration hazard

Based on available data, the classification criteria are not met.

Other information

No data is available on the product itself.

12. Ecological information

12.1. Toxicity

General information

No data is available on the product itself.

Fish toxicity (Components)

naphtha hydrodesulfurized heavy

Species	Pimephales promelas (fathead minnow)		
LC50	2200		mg/l
Duration of exposure	96	h	

naphtha hydrodesulfurized heavy

Species	Pimephales promelas (fathead minnow)		
NOEC	2,6		mg/l
Duration of exposure	14	d	

naphtha hydrodesulfurized heavy

Species	Oncorhynchus mykiss (rainbow trout)		
LC50	16		mg/l
Duration of exposure	96	h	

Daphnia toxicity (Components)

naphtha hydrodesulfurized heavy

Species	Chaetogammarus marinus		
EC50	2,6		mg/l
Duration of exposure	96	h	

decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester, reaction products with tert-butyl hydroperoxide and octane

Species	Daphnia magna (Water flea)		
EC50	71		mg/l
Duration of exposure	24	h	

alkanes, C11-14-iso-

Species	Daphnia magna (Water flea)		
EC50	> 1000		mg/l
Duration of exposure	48	h	

naphtha hydrodesulfurized heavy

Species	Daphnia magna (Water flea)		
EC50	4,5		mg/l
Duration of exposure	48	h	

naphtha hydrodesulfurized heavy

Species	Daphnia magna (Water flea)		
NOEC	2,6		mg/l
Duration of exposure	21	d	

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Algae toxicity (Components)

naphtha hydrodesulfurized heavy

Species Pseudokirchneriella subcapitata (green algae)
EC50 3,1 mg/l Duration of exposure 72 h

12.2. Persistence and degradability

General information

No data is available on the product itself.

Biodegradability (Components)

decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester, reaction products with tert-bu hydroperoxide and octane

Value 19 %

Duration of test 28 d

evaluation Not readily biodegradable. **alkanes, C11-**

14-iso- evaluation Not readily biodegradable.

naphtha hydrodesulfurized heavy

Value 77,05 %

Duration of test 28 d

evaluation Readily biodegradable.

12.3. Bioaccumulative potential

General information

No data is available on the product itself.

Partition coefficient: n-octanol/water

Remarks no data available

12.4. Mobility in soil

General information

No data is available on the product itself.

Mobility in soil

no data available

12.5. Results of PBT and vPvB assessment

General information

Not applicable

12.6. Other adverse effects

General information

No data is available on the product itself.

General information / ecology

No data is available on the product itself.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code 080111 - waste paint and varnish containing organic solvents or other dangerous substances

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EWC waste code 200127 - paint, inks, adhesives and resins containing dangerous substances Where possible recycling is preferred to disposal or incineration.
Try to prevent the material from entering drains or water courses.

modified product

EWC waste code 080113 - sludges from paint or varnish containing organic solvents or other dangerous substances

EWC waste code 080115 - aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

Dried residues

EWC waste code 080112 - waste lacquers and waste paint except those falling under 080111

Disposal recommendations for packaging

EWC waste code 150110 - packaging containing residues of or contaminated by dangerous substances Empty remaining contents.

Empty containers should be taken to local recyclers for disposal.

14. Transport information Land transport ADR/RID

14.1. UN number UN

1263

14.2. UN proper shipping name

PAINT

14.3. Transport hazard class(es)

Class 3

Label 3

14.4. Packing group

Packing group III

Special provision 640E

Limited Quantity 5I

Transport category 3

Tunnel restriction code D/E

Marine transport IMDG/GGVSee

14.1. UN number UN

1263

14.2. UN proper shipping name

PAINT

14.3. Transport hazard class(es)

Class 3

14.4. Packing group

Packing group III

Air transport ICAO/IATA

14.1. UN number UN

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14.2. UN proper shipping name

PAINT

14.3. Transport hazard class(es)

Class 3

14.4. Packing group

Packing group III

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15. Regulatory information

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

VOC

VOC (EU)	44,7	%	443	g/l
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Non-volatile content

Value [%]	55
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15.2. Chemical safety assessment

For this substance / mixture a chemical safety assessment was not carried out.

16. Other information

Hazard statements listed in Chapter 3

EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

CLP categories listed in Chapter 3

Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 4	Hazardous to the aquatic environment, chronic, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquid, Category 3
Repr. 2	Reproductive toxicity, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Abbreviations

ADR - Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID - Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 IMDG - International Maritime Code for Dangerous Goods
 IATA - International Air Transport Association
 IATA-DGR - Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
 ICAO-TI - Technical Instructions by the "International Civil Aviation Organization" (ICAO)
 GHS - Globally Harmonized System of Classification and Labelling of Chemicals
 EINECS - European Inventory of Existing Commercial Chemical Substances
 CAS - Chemical Abstracts Service (division of the American Chemical Society)
 GefStoffV - Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
 LOAEL - Lowest Observed Adverse Effect Level
 LOEL - Lowest Observed Effect Level

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NOAEL - No Observed Adverse Effect Level

NOEC - No Observed Effect Concentration

NOEL - No Observed Effect Level

OECD - Organisation for Economic Cooperation and Development

VOC - Volatile Organic Compounds

Changes since the last version are highlighted in the margin (**). This version replaces all previous versions.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

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.

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.

Annex to the extended Safety Data Sheet (eSDS)

Short title of the exposure scenario

ES026 - Professional uses: roller application or brushing, dipping and pouring and other processing without aerosol formation (inside)

Use of the substance/preparation

Surface treatment of wood and other materials **Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

ERC8a Wide dispersive indoor use of processing aids in open systems

ERC8c Wide dispersive indoor use resulting in inclusion into or onto a matrix

PROCh01 Other processing without aerosol formation

PROC10 Roller application or brushing

PROC13 Treatment of articles by dipping and pouring

Contributing exposure scenario controlling environmental exposure

Use

ERC8a Wide dispersive indoor use of processing aids in open systems

ERC8c Wide dispersive indoor use resulting in inclusion into or onto a matrix

Physical form liquid

Hazardous ingredients naphtha

hydrodesulfurized heavy

CAS No. 64742-48-9

EINECS no. 265-150-3

Registration no. 01-2119463258-33

Concentration >= 20 < 25 %

alkanes, C11-14-iso-

CAS No. 90622-58-5

Trade name: Treatex Spruce Colour Tone 11070Z

Version: 13 / WORLD

Date created/revised: 03.11.16

Replaces Version: 12 / WORLD

Print date: 16.08.16

Concentration \geq 10 < 25 % **naphtha hydrodesulfurized heavy**

CAS No. 64742-48-9
 EINECS no. 265-150-3
 Registration no. 01-2119457273-39
 Concentration \geq 1 < 10 %

decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester, reaction products with tert-butyl hydroperoxide and octane

EINECS no. 406-750-9
 Registration no. 01-2119480191-44
 Concentration \geq 1 < 10 %

branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-propionates

CAS No. 127519-17-9 EINECS no. 407-000-6
 Concentration \geq 1 < 3 %

2-ethylhexanoic acid zirconium salt

CAS No. 22464-99-9
 EINECS no. 245-018-1
 Registration no. 01-2119979088-21
 Concentration \geq 0,1 < 1 %

Maximum amount used per time or activity

Emission days per site: \leq 250

Other relevant operational conditions

Use: Room temperature
 Drying and through-curing takes place at ambient temperature or at higher temperatures.
 Volatile organic substances will volatilise into the atmospheric air inside.
 Where possible recycling is preferred to disposal or incineration.
 The product should not be allowed to enter drains, water courses or the soil. Dispose of rinse water in accordance with local and national regulations.

Waste water

Do not flush into surface water or sanitary sewer system.

Exhaust air

Keep container closed. Discharge into the environment must be avoided.

Soil

Use only in an area equipped with an impervious floor.

Disposal recommendations for the product

EWC waste code 080111 - waste paint and varnish containing organic solvents or other dangerous substances
 200127 - paint, inks, adhesives and resins containing dangerous substances Where possible recycling is preferred to disposal or incineration.

Try to prevent the material from entering drains or water courses.

modified product

EWC waste code 080113 - sludges from paint or varnish containing organic solvents or other dangerous substances

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080115 - aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

Dried residues

EWC waste code

080112 - waste lacquers and waste paint except those falling under 080111

Disposal recommendations for packaging

EWC waste code 150110 - packaging containing residues of or contaminated by dangerous substances Empty remaining contents.

Empty containers should be taken to local recyclers for disposal.

Contributing exposure scenario controlling worker exposure (professional)

Use

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
 PROC10 Roller application or brushing
 PROC13 Treatment of articles by dipping and pouring
 PROCh01 Other processing without aerosol formation

Physical form

liquid

Hazardous ingredients

naphtha hydrodesulfurized heavy

CAS No. 64742-48-9
 EINECS no. 265-150-3
 Registration no. 01-2119463258-33
 Concentration >= 20 < 25 %

alkanes, C11-14-iso-

CAS No. 90622-58-5
 Concentration >= 10 naphtha < 25 %

hydrodesulfurized heavy

CAS No. 64742-48-9
 EINECS no. 265-150-3
 Registration no. 01-2119457273-39
 Concentration >= 1 < 10 %

decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester, reaction products with tert-butyl hydroperoxide and octane

EINECS no. 406-750-9
 Registration no. 01-2119480191-44
 Concentration >= 1 < 10 %

branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-propionates

CAS No. 127519-17-9 EINECS no. 407-000-6
 Concentration >= 1 < 3 %

2-ethylhexanoic acid zirconium salt

CAS No. 22464-99-9
 EINECS no. 245-018-1
 Registration no. 01-2119979088-21

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Concentration	>=	0,1	<	1	%
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Maximum amount used per time or activity

Duration of exposure	<=	8		h/d
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Frequency of exposure	<=	220		d/a
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Other relevant operational conditions

Use: Room temperature

Drying and through-curing takes place at ambient temperature or at higher temperatures.

Volatile organic substances will volatilise into the atmospheric air inside. Read attached instructions before use.

Product substance and product safety related measures

Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Respiratory protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Recommended Filter type: Combination filter: A2-P2 (EN 141, 143, 371) **Hand protection**

Protective gloves complying with EN 374.

Glove material

Multilayer gloves made from

Appropriate Material Fluorinated rubber / butyl-rubber

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

The exact break through time can be obtained from the protective glove producer and this has to be observed.

Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection

Wear eye glasses with side protection according to EN 166.

Body protection

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

Information on estimated exposure and downstream-user guidance

Guidance for Downstream Users

The downstream user can evaluate whether he operates within the conditions set in the exposure scenario on the basis of the information supplied. This evaluation can be conducted by an expert or using the risk assessment tools recommended by ECHA.