

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

1.1. Product identifier

Product form	: Mixture
Trade name	: Sanding guide fluo green 400ml
UFI	: VUC7-UH10-GP94-K8A6
Product code	: TSP 320
Product group	: Blend

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use, Consumer use

1.2.2. Uses advised against

Restrictions on use : Non industrial spraying, Industrial spraying

1.3. Details of the supplier of the safety data sheet

Chemicar Europe NV
Baarbeek 2
2070 Zwijndrecht
T +32 (0) 3 234 87 80 - F +32 (0) 3 234 87 89
info@chemicar.eu

1.4. Emergency telephone number

Emergency number : +32 (0) 3 760 08 09

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol, Category 1	H222;H229
Serious eye damage/eye irritation, Category 2	H319
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Full text of H statements : see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) :

Danger

Hazardous ingredients :

acetone; propan-2-one; propanone; n-butyl acetate; butanone; ethyl methyl ketone; ethyl acetate

Hazard statements (CLP) :

H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.

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Precautionary statements (CLP)	: P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P271 - Use only outdoors or in a well-ventilated area. P251 - Do not pierce or burn, even after use. P211 - Do not spray on an open flame or other ignition source. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P102 - Keep out of reach of children. P101 - If medical advice is needed, have product container or label at hand. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P403 - Store in a well-ventilated place.
EUH-statements	: EUH066 - Repeated exposure may cause skin dryness or cracking.

Scandinavian countries regulation

Denmark

MAL code : 4-3

2.3. Other hazards

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
acetone; propan-2-one; propanone	(CAS-No.) 67-64-1 (EC-No.) 200-662-2 (EC Index-No.) 606-001-00-8	25 - 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
butanone; ethyl methyl ketone	(CAS-No.) 78-93-3 (EC-No.) 201-159-0 (EC Index-No.) 606-002-00-3	2.5 - 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
ethyl acetate	(CAS-No.) 141-78-6 (EC-No.) 205-500-4 (EC Index-No.) 607-022-00-5	2.5 - 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
isobutane (containing ≥ 0,1% butadiene (203-450-8))	(CAS-No.) 75-28-5 (EC-No.) 200-857-2 (EC Index-No.) 601-004-01-8	1 - 2.5	Flam. Gas 1, H220 Press. Gas Carc. 1A, H350 Muta. 1B, H340
Reaction mass of ethylbenzene and xylene	(EC-No.) 905-588-0	1 - 2.5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Allow affected person to breathe fresh air. Get medical advice/attention.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open.
First-aid measures after ingestion	: Do NOT induce vomiting. Get immediate medical advice/attention.

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

No additional information available

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

No additional information available

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water fog. extinguishing powder. carbon dioxide (CO₂). Alcohol resistant foam.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Protection during firefighting : [In case of inadequate ventilation] wear respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear suitable protective clothing. Keep public away.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Do not flush with water.
Other information : Ensure there is adequate ventilation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Do not spray on an open flame or other ignition source. Handle and open container with care. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Do not pierce or burn, even after use. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
Hygiene measures : Remove contaminated clothes. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.
Storage conditions : Store in a dry place. Store in a closed container. Keep cool. Protect from sunlight.
Storage area : Store away from heat. Store in a well-ventilated place.
Special rules on packaging : Store in a closed container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace		
67-64-1 Acetone		
IOELV	Long-term value: 1210 mg/m ³ , 500 ppm	
123-86-4 n-butyl acetate		
IOELV	Short-term value: 723 mg/m ³ , 150 ppm Long-term value: 241 mg/m ³ , 50 ppm	
141-78-6 ethyl acetate		
IOELV	Short-term value: 1468 mg/m ³ , 400 ppm Long-term value: 734 mg/m ³ , 200 pp	
78-93--butanone		
IOELV	Short-term value: 900 mg/m ³ , 300 ppm Long-term value: 600 mg/m ³ , 200 ppm	
DNELs		
67-64-1 Acetone		
Oral	DNEL Long term-systemic	62 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	62 mg/kg bw/day (Consumer)
		186 mg/kg bw/day (Worker)

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123-86-4 n-butyl acetate		
Inhalative	DNEL Acute-local	2420 mg/m ³ (Worker)
	DNEL Long term-systemic	200 mg/m ³ (Consumer) 1210 mg/m ³ (Worker)
123-86-4 n-butyl acetate		
Inhalative	DNEL Acute-systemic	859.7 mg/m ³ (Consumer)
		960 mg/m ³ (Worker)
Inhalative	DNEL Acute-local	859.7 mg/m ³ (Consumer)
		960 mg/m ³ (Worker)
	DNEL Long term-systemic	102.34 mg/m ³ (Consumer) 480 mg/m ³ (Worker)
	DNEL Long term-local	102.34 mg/m ³ (Consumer) 480 mg/m ³ (Worker)
78-93-3 butanone		
Oral	DNEL Long term-systemic	31 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	412 mg/kg bw/day (Consumer) 1161 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	106 mg/m ³ (Consumer) 600 mg/m ³ (Worker)
141-78-6 ethyl acetate		
Oral	DNEL Long term-systemic	4.5 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	37 mg/kg bw/day (Consumer)
Inhalative	DNEL Acute-systemic	734 mg/m ³ (Consumer) 1468 mg/m ³ (Worker)
	DNEL Acute-local	734 mg/m ³ (Consumer) 1468 mg/m ³ (Worker)
	DNEL Long term-systemic	367 mg/m ³ (Consumer) 34 mg/m ³ (Worker)
	DNEL Long term-local	367 mg/m ³ (Consumer) 734 mg/m ³ (Worker)
Reaction mass of ethylbenzene and xylene		
Oral	DNEL Long term-systemic	1.6 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	108 mg/kg bw/day (Consumer)
		180 mg/kg bw/day (Worker)
Inhalative	DNEL Acute-local	289 mg/m ³ (Worker)
	DNEL Long term-systemic	14.8 mg/m ³ (Consumer)
		77 mg/m ³ (Worker)

PNECs		
67-64-1 Acetone		
PNEC Marine water	1.06 mg/l (Undefined)	
PNEC Freshwater sediment	30.4 mg/l(dry weight) (Undefined)	
PNEC Soil	29.5 ug/kg (Undefined)	
PNEC Marine water sediment	3.04 mg/l(dry weight) (Undefined)	
123-86-4 n-butyl acetate		
PNEC Freshwater	0.18 mg/l (Undefined)	
PNEC Marine water	0.015 mg/l (Undefined)	
PNEC Freshwater sediment	0.981 mg/l(dry weight) (Undefined)	
PNEC Intermittent release	0.36 (Undefined)	
PNEC Soil	0.0903 ug/kg (Undefined)	
PNEC Sewage Treatment Plant	35.6 mg/l (Undefined)	
PNEC Marine water sediment	0.0981 mg/l(dry weight) (Undefined)	
141-78-6 ethyl acetate		
PNEC Freshwater	0.26 mg/l (Undefined)	
PNEC Marine water	0.026 mg/l (Undefined)	
PNEC Freshwater sediment	0.34 mg/l(dry weight) (Undefined)	
PNEC Soil	0.22 ug/kg (Undefined)	
PNEC Sewage Treatment Plant	650 mg/l (Undefined)	
PNEC Marine water sediment	0.034 mg/l(dry weight) (Undefined)	
Reaction mass of ethylbenzene and xylene		
PNEC Freshwater	0.327 mg/l (Undefined)	
PNEC Marine water	0.327 mg/l (Undefined)	
PNEC Freshwater sediment	12.46 mg/l(dry weight) (Undefined)	
PNEC Soil	2.31 ug/kg (Undefined)	
PNEC Sewage Treatment Plant	6.58 mg/l (Undefined)	
PNEC Marine water sediment	12.46 mg/l(dry weight) (Undefined)	

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8.2. Exposure controls

Appropriate engineering controls:

Keep away from food, drink and animal feeding stuffs. Take off immediately all contaminated clothing. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Avoid contact with eyes. Avoid contact with skin and eyes.

Hand protection:

Nitrile rubber gloves. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

Eye protection:

Protective goggles

Type	Use	Characteristics	Standard
Safety glasses			EN 166

Skin and body protection:

Type	Standard
	EN 13034

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

Device	Filter type	Condition	Standard
	Filter AX (brown), Type P2		

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Gas
Colour	: light green.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: -44.5
Flash point	: -97 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: 365 °C
Flammability (solid, gas)	: Not self-igniting
Vapour pressure	: 8300 hPa
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.74 g/cm ³
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

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Explosive properties	: No data available
Oxidising properties	: No data available
Lower explosive limit (LEL)	: 1.1 vol %
Upper explosive limit (UEL)	: 13 vol %

9.2. Other information

VOC content	: 676.5 g/l
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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

LD/LC50 values relevant for classification		
67-64-1 Acetone		
Oral	LD 50	5800 mg/kg (Rat)
Dermal	LD 50	7800 mg/kg (Rabbit)
Inhalative	LC50/4h	>20 mg/l (Rat)
123-86-4 n-butyl acetate		
Oral	LD50	10760 mg/kg (Rat)
Dermal	LD50	>14000 mg/kg (Rabbit)
Inhalative	LC50/4h	>23.4 mg/l (Rat)
78-93-3 butanone		
Oral	LD50	>2193 mg/kg (Rat)
Dermal	LD50	>5000 mg/kg (Rabbit)
		5000 mg/kg (Rabbit)
141-78-6 ethyl acetate		
Oral	LD50	4100 mg/kg (Mouse) 4934 mg/kg (Rabbit)
Dermal	LD50	20000 mg/kg (Rat)
Inhalative	LC50/4h	29.3 mg/l (Rat)
Reaction mass of ethylbenzene and xylene		
Oral	LD50	3523 mg/kg (Rat)
Dermal	LD50	12126 mg/kg (Rabbit)
Inhalative	LC50/4h	29.091 mg/l (Rat)

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity	
67-64-1 Acetone	
EC50	8800 mg/l (Daphnia magna) 8300 mg/l (Fish)
78-93-3 butanone	
LC50/96h EC50/48h	2,993 mg/l (Pimephales promelas) 308 mg/l (Daphnia magna)
123-86-4 n-butyl acetate	
LC50/96h EC50/48h	18 mg/l (Fish) 44 mg/l (Daphnia magna)

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141-78-6 ethyl acetate

EC50 (48h)	0.164 mg/l (Daphnia magna) 3.3 mg/l (Scenedesmus subspicatus)
EC50	7.4 mg/l (Pseudomonas fluorescens)

Reaction mass of ethylbenzene and xylene

NOEC	1.3 mg/l (Fish)
NOEC (7days)	0.96 mg/l (Daphnia magna)
NOEC (72h)	0.44 mg/l (Algae)
NOEC(28days)	16 mg/l (Bacteria)
LC50(96h)	8.9-16.4 mg/l (Pimephales promelas)
EC50(48h)	3.2-9.5 mg/l (Daphnia magna)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Finixa sanding guide fluo green 400ml

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods




Waste treatment methods : Must follow special treatment according to local regulation.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADR / IATA / IMDG

ADR	IMDG	IATA
14.1. UN number		
UN 1950	UN 1950	UN 1950
14.2. UN proper shipping name		
AEROSOLS	AEROSOLS	Aerosols, flammable
Transport document description		
UN 1950 AEROSOLS (), 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1
14.3. Transport hazard class(es)		
2.1	2.1	2.1
		
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
No supplementary information available		

14.6. Special precautions for user

Overland transport

Classification code (ADR) : 5F

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Special provisions (ADR)	: 190, 327, 344, 625
Limited quantities (ADR)	: 1I
Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P207
Special packing provisions (ADR)	: PP87, RR6, L2
Mixed packing provisions (ADR)	: MP9
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V14
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV9, CV12
Special provisions for carriage - Operation (ADR)	: S2
Tunnel restriction code (ADR)	: D

Transport by sea

Special provisions (IMDG)	: 63, 190, 277, 327, 344, 959
Limited quantities (IMDG)	: SP277
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P207, LP02
Special packing provisions (IMDG)	: PP87, L2
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage category (IMDG)	: None
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69

Air transport

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 676.5 g/l

15.1.2. National regulations

Netherlands

Waterbevaarlijkheid	: 1 - Black list substance
SZW-lijst van kankerverwekkende stoffen	: None of the components are listed
SZW-lijst van mutagene stoffen	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed

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NIET-limitatieve lijst van voor de voortplanting : xylene is listed
giftige stoffen – Ontwikkeling

Denmark

Class for fire hazard : Class I-1
Store unit : 1 liter
Classification remarks : F+ <Aerosol 1>; Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
DNEL	Derived-No Effect Level
PNEC	Predicted No-Effect Concentration
LC50	Median lethal concentration
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.