according to UK REACH Regulation

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

1.1. Product identifier

Fast Shine - 3 in ONE

UFI: SE0F-CYD1-TF9V-5PKN

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

Use of the substance/mixture

Automotive care products, Cleaning agent

1.3. Details of the supplier of the safety data sheet

Company name: ServFaces GmbH
Street: Breitscheidstr. 78
Place: D-01237 Dresden
Telephone: +49 (0) 800 724 1903
E-mail: info@servfaces.de

Contact person: Jörg Reents Telephone: +49 (0) 800 724 1903

E-mail: info@servfaces.de Internet: www.servfaces.de

Responsible Department: Giftinformationszentrum Mainz / 24h Deutsch & Englisch

1.4. Emergency telephone +49 6131 / 19240 (24h)

number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements

Additional advice on labelling

Labelling according to Regulation (EC) No. 1272/2008 [CLP] none

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

in aqueous solution

Relevant ingredients

CAS No	Chemical name					
	EC No	Index No REACH No				
	Classification (GB CLP Regulation)					
64-17-5	ethanol; ethyl alcohol					
	200-578-6	603-002-00-5	01-2119457610-43			
	Flam. Liq. 2, Eye Irrit. 2; H225 H319	9				
111-76-2	2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve					
	203-905-0	603-014-00-0	01-2119475108-36			
	Acute Tox. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2; H331 H302 H315 H319					

Full text of H and EUH statements: see section 16.

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity	
	Specific Conc. Limits, M-factors and ATE			
64-17-5	200-578-6	ethanol; ethyl alcohol	1 - < 5 %	
	inhalation: LC50 = > 51 mg/l (vapours); dermal: LD50 = > 15800 mg/kg; oral: LD50 = 10470 mg/kg. Eye Irrit. 2; H319: >= 50 - 100			
111-76-2	203-905-0	2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve	1 - < 5 %	
	inhalation: ATE	3 mg/l (vapours); dermal: LD50 = > 1000 - 2000 mg/kg; oral: ATE 1200 mg/kg		

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person or a person with cramps. Call a physician immediately.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable. Vapours can form explosive mixtures with air.

In case of fire may be liberated: Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

Advice on protection against fire and explosion

Vapours can form explosive mixtures with air. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No information available.

Further information on storage conditions

storage temperature: 10 - 25 °C

Protect against: frost. UV-radiation/sunlight. Maximum storage period (time) 12 month(s)

7.3. Specific end use(s)

Automotive care products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
111-76-2	2-Butoxyethanol	25	123		TWA (8 h)	WEL
		50	246		STEL (15 min)	WEL
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL

Biological Monitoring Guidance Values (EH40)

CAS No	Substance	Parameter	Value	Test material	Sampling time
111-76-2	,	butoxyacetic acid (creatinine)	240 mmol/mol	urine	Post shift

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DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
64-17-5	ethanol; ethyl alcohol			
Worker DNEL,	long-term	inhalation	systemic	950 mg/m³
Worker DNEL,	acute	inhalation	local	1900 mg/m³
Worker DNEL,	long-term	dermal	systemic	343 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	114 mg/m³
Consumer DN	EL, acute	inhalation	local	950 mg/m³
Consumer DN	EL, long-term	dermal	systemic	206 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	87 mg/kg bw/day
111-76-2	2-butoxyethanol; ethyleneglycol monobutyl ether; butyl ce	llosolve		
Worker DNEL,	acute	dermal	systemic	89 mg/kg bw/day
Worker DNEL,	acute	inhalation	systemic	663 mg/m³
Consumer DN	EL, acute	inhalation	systemic	426 mg/m³
Consumer DN	EL, acute	dermal	systemic	44,5 mg/kg bw/day
Worker DNEL,	acute	inhalation	local	246 mg/m³
Worker DNEL,	long-term	dermal	systemic	75 mg/kg bw/day
Worker DNEL,	long-term	inhalation	systemic	98 mg/m³
Consumer DN	EL, acute	oral	systemic	13,4 mg/kg bw/day
Consumer DN	EL, acute	inhalation	local	123 mg/m³
Consumer DN	EL, long-term	oral	systemic	3,2 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	49 mg/m³
Consumer DN	EL, long-term	dermal	systemic	38 mg/kg bw/day

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PNEC values

CAS No	Substance		
Environment	al compartment	Value	
64-17-5	ethanol; ethyl alcohol	·	
Freshwater	•	0,96 mg/l	
Marine wate	r	0,79 mg/l	
Freshwater s	sediment	3,6 mg/kg	
Marine sedir	nent	2,9 mg/kg	
Secondary p	380-720 mg/kg		
Micro-organi	sms in sewage treatment plants (STP)	580 mg/l	
Soil		0,63 mg/kg	
111-76-2	2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve	·	
Freshwater		8,8 mg/l	
Freshwater (intermittent releases)	9,1 mg/l	
Marine wate	r	0,88 mg/l	
Freshwater s	34,6 mg/kg		
Marine sedir	Marine sediment		
Micro-organi	sms in sewage treatment plants (STP)	463 mg/l	
Soil		3,13 mg/kg	

8.2. Exposure controls







Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye protection/face protection.

Hand protection

Tested protective gloves must be worn

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

according to UK REACH Regulation

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Colour: orange
Odour: characteristic

Melting point/freezing point:

Boiling point or initial boiling point and

not determined
not determined

boiling range:

Flammability:

Lower explosion limits:

Upper explosion limits:

not determined

Upper explosion limits:

not determined

Flash point:

Auto-ignition temperature:

Decomposition temperature:

pH-Value:

> 2 - 5

Viscosity / kinematic:

not applicable

not determined

not determined

> 2 - 5

Viscosity / kinematic: not determined
Water solubility: miscible

Solubility in other solvents

not determined

Partition coefficient n-octanol/water:

Vapour pressure:

Density:

Relative vapour density:

not determined
not determined
not determined
not determined

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive.

Vapours can form explosive mixtures with air.

Self-ignition temperature

Solid: not applicable
Gas: not applicable

Oxidizing properties Not oxidising.

Other safety characteristics

Evaporation rate: not determined Viscosity / dynamic: not determined

Further Information

Odour threshold: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Vapours can form explosive mixtures with air.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect against: frost. UV-radiation/sunlight.

10.5. Incompatible materials

No information available.

according to UK REACH Regulation

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10.6. Hazardous decomposition products

In case of fire may be liberated: Gases/vapours, toxic

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name								
	Exposure route	Dose		Species	Source	Method			
64-17-5	ethanol; ethyl alcohol	ethanol; ethyl alcohol							
	oral	LD50 1 mg/kg	0470	Rat	Manufacturer	OECD 401			
	dermal	LD50 > mg/kg	15800	Rabbit	Manufacturer				
	inhalation (4 h) vapour	LC50 >	· 51 mg/l	Rat	Manufacturer	OECD 403			
111-76-2	2-butoxyethanol; ethylen	eglycol monobu	utyl ether;	butyl cellosolve					
	oral	ATE 1200 mg	g/kg						
	dermal	LD50 > 2000 mg/kg	1000 -	Rabbit	Manufacturer				
	inhalation vapour	ATE 3 mg/l	•						

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

according to UK REACH Regulation

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CAS No	Chemical name	Chemical name						
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method	
64-17-5	ethanol; ethyl alcohol							
	Acute fish toxicity	LC50 mg/l	11200		Oncorhynchus mykiss (Rainbow trout)	Manufacturer		
	Acute algae toxicity	ErC50	275 mg/l	96 h	Chlorella vulgaris	Manufacturer	OECD 201	
	Acute crustacea toxicity	EC50 mg/l	5012	48 h	Ceriodaphnia spec	Manufacturer		
	Algae toxicity	NOEC	280 mg/l	7 d	Lemma gibba	Manufacturer	OECD 201	
	Crustacea toxicity	NOEC	9,6 mg/l	9 d	Ceriodaphnia spec	Manufacturer		
111-76-2	2-butoxyethanol; ethylene	glycol mond	obutyl ether; l	butyl cell	osolve			
	Acute fish toxicity	LC50 mg/l	1474		Oncorhynchus mykiss (Rainbow trout)	Manufacturer		
	Acute algae toxicity	ErC50 mg/l	1840	72 h	Pseudokirchneriella subcapitata	Manufacturer		
	Acute crustacea toxicity	EC50 mg/l	1550		Daphnia magna (Big water flea)	Manufacturer		
	Fish toxicity	NOEC mg/l	> 100	21 d	Danio rerio (zebrafish)	Manufacturer		
	Crustacea toxicity	NOEC	100 mg/l		Daphnia magna (Big water flea)	Manufacturer		

12.2. Persistence and degradability

The product has not been tested.

1116	product has not been tested.							
CAS No	Chemical name							
	Method Value d Source							
	Evaluation							
64-17-5	ethanol; ethyl alcohol							
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C 97 % 28 Manufacturer							
	Readily biodegradable (according to OECD criteria).							
111-76-2	2-butoxyethanol; ethyleneglycol monobutyl ether; butyl co	2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve						
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C 90 % 28 Manufacturer							
	Readily biodegradable (according to OECD criteria).							

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol; ethyl alcohol	- 0,31
111-76-2	2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve	0,81

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

according to UK REACH Regulation

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Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial

< 8%

emissions:

Information according to Directive

2012/18/EU (SEVESO III):

Not subject to 2012/18/EU (SEVESO III)

according to UK REACH Regulation

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Additional information

Regulation (EC) No. 648/2004 [Detergents regulation]

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

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

SECTION 16: Other information

Abbreviations and acronyms

Flam. Liq: Flammable liquids Acute Tox: Acute toxicity Skin Irrit: Skin irritation Eye Irrit: Eye irritation

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate LC50: Lethal concentration, 50%

LD50: Lethal dose, 50% LL50: Lethal loading, 50% EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container VOC: Volatile Organic Compounds SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at http://abbrev.esdscom.eu

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

H331 Toxic if inhaled.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)