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Safety data sheet according to 1907/2006/EC, Article 31

Printing date 20.01.2022

Version number 15 (replaces version 14)

Revision: 20.01.2022

SECI	TION 1: Identification of the substance/mixture and of the company/undertaking
· 1.1 Pr	oduct identifier
· Trade	name: DC Tuning Supertherm hitzefest (various colours)
1.2 Re No fur Sector SU21 SU22 Produ Proces PROC PROC	e number: 133770, 191794, 133756, 191756, 348600, 339127, 339134, 471544 elevant identified uses of the substance or mixture and uses advised against ther relevant information available. • of Use Consumer uses: Private households / general public / consumers Professional uses: Public domain (administration, education, entertainment, services, craftsmen) ct category PC9a Coatings and paints, thinners, paint removers ss category 77 Industrial spraying 211 Non industrial spraying cation of the substance / the mixture Lacquer
Manuj Europ Kurt V D-748 Tel.: +	etails of the supplier of the safety data sheet facturer/Supplier: ean Aerosols GmbH* Vogelsang Strasse 6 255 Haβmersheim -49 (0) 6266 750 I: sds-de@european-aerosols.com
*Form	nerly known as Motip Dupli GmbH
• 1.4 En Tel.:++ Fax + (Mo - 1) UK:	er information obtainable from: Department Product Safety nergency telephone number: 49 6266-75-310 -49 6266-75-362 Th 08:00 am - 04:00 pm, Fr 08:00 am - 00:30 pm)
	e emergeny phone no: 111 For healthcare professionals: 0344 892 0111
	d: n center if childs have been poisened: 01 809 2166 (8:00 am - 10:00 pm, 7 days) For healthcare professionals: 01 809 2566 (24 h / 7 days)
Tox In	fo Suisse 145 (24-h-emergency number)
~~~~	
SECI	TION 2: Hazards identification
	assification of the substance or mixture fication according to Regulation (EC) No 1272/2008
	flame
Aeroso	ol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

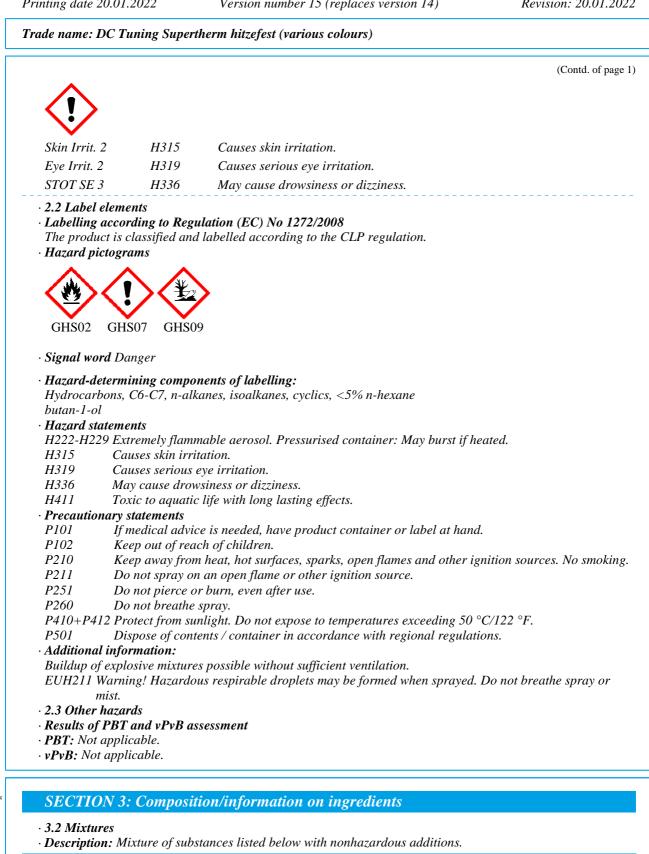
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· Dangerous components: EC number: 921-024-6 *Hydrocarbons*, C6-C7, *n*-alkanes, *isoalkanes*, *cyclics*, <5% *n*-25-<50% Reg.nr.: 01-2119475514-35 hexane 🚸 Flam. Liq. 2, H225 🚯 Asp. Tox. 1, H304 🚯 Aquatic Chronic 2, H411 🔅 Skin Irrit. 2, H315; STOT SE 3, H336 (Contd. on page 3)

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CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1A, H220 Press. Gas (Comp.), H280	20-<25%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane (containing < 0,1 % butadiene (203-450-8)) Flam. Gas IA, H220 Press. Gas (Comp.), H280	12.5-<209
EC number: 905-588-0 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	xylene Flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane (containing < 0,1 % butadiene (203-450-8)) Flam. Gas 1A, H220 Press. Gas (Comp.), H280	5-<10%
CAS: 12001-26-2 EC number: 601-648-2	Mica substance with a Community workplace exposure limit	2.5-<5%
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 01-2119484630-38	<ul> <li>butan-1-ol</li> <li>Flam. Liq. 3, H226</li> <li>Eye Dam. 1, H318</li> <li>Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335- H336</li> </ul>	<2.5%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17	titanium dioxide 🗞 Carc. 2, H351	<2.5%

• Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1A 1272/2008 EU), so the classification as carcinogen need not to apply. xylene: Contains ethylbenzene CAS 100-41-4

For the wording of the listed hazard phrases refer to section 16.

#### **SECTION 4: First aid measures**

- 4.1 Description of first aid measures
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.

- After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- · 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

#### **SECTION 5: Firefighting measures**

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

- · 5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · 5.3 Advice for firefighters -

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[·] After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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· Protective equipment: Mouth respiratory protective device.

#### **SECTION 6:** Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device. Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources.
- 6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
- 6.4 Reference to other sections
   See Section 7 for information on safe handling.
   See Section 8 for information on personal protection equipment.
   See Section 13 for disposal information.

#### **SECTION 7: Handling and storage**

• 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

- *Information about fire and explosion protection: Keep ignition sources away - Do not smoke. Keep respiratory protective device available.*
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles:
- Observe official regulations on storing packagings with pressurised containers.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- · Storage class: 2 B
- · 7.3 Specific end use(s) No further relevant information available.

#### SECTION 8: Exposure controls/personal protection

٠ð	8.1	Contro	l par	ameters
----	-----	--------	-------	---------

- · Ingredients with limit values that require monitoring at the workplace:
- 106-97-8 butane (containing < 0,1 % butadiene (203-450-8))
- WEL Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

#### xylene

WEL Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV

#### 12001-26-2 Mica

WEL Long-term value: 10* 0.8** mg/m³ *total inhalable **respirable

#### 71-36-3 butan-1-ol

WEL Short-term value: 154 mg/m³, 50 ppm

Sk

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-	with biological limit values:
xylene	
	mmol/mol creatinine
	lium: urine
	pling time: post shift
	ameter: methyl hippuric acid
Additional i	nformation: The lists valid during the making were used as basis.
8.2 Exposur	
	engineering controls No further data; see item 7.
	rotection measures, such as personal protective equipment
	tective and hygienic measures:
	from foodstuffs, beverages and feed.
	remove all soiled and contaminated clothing before breaks and at the end of work.
	le gases / fumes / aerosols.
	ct with the eyes and skin.
	ct with the eyes.
Respiratory	
Respiratory	
	n case of brief exposure or low pollution use respiratory filter device. In case of intensive or onger exposure use self-contained respiratory protective device.
Filter A2/P3 <b>Hand prote</b> o	
IT F	Protective gloves
Material of	
Butyl rubber	
and varies fi	n of the suitable gloves does not only depend on the material, but also on further marks of quali rom manufacturer to manufacturer. <b>time of glove material</b>
	r gloves with a thickness of 0.4 mm are resistant to:
Acetone: 48	
Butyl aceta	
Ethyl aceta	
Xylene: 42	
	r gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective
	recommend that users and responsible persons for work safety assume solvent resistance length
	es. Considering the data in section 3 of this SDS, one can assume longer resistance length in
particular co	
Eye/face pro	itection
	ightly sealed goggles
SECTION	9: Physical and chemical properties
.1 Informa	tion on basic physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- General Information
- Physical state • Colour:

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Aerosol According to product specification

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Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling	
range	Not applicable, as aerosol.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	1.5 Vol %
Upper:	10.9 Vol %
Flash point:	Not applicable, as aerosol.
Decomposition temperature:	Not determined.
pH	Mixture is non-soluble (in water).
Viscosity:	minure is non source (in water).
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
-	Not determined.
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 $\cdot$ C (68 $\cdot$ F):	8300 hPa (6225.5 mm Hg)
Density and/or relative density	
<i>Density at 20 °C (68 °F):</i>	0.7 g/cm ³ (5.8 lbs/gal)
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Aerosol
Important information on protection of health and	l
environment, and on safety.	
Ignition temperature:	365 °C (689 °F)
Explosive properties:	Not determined.
Solvent content:	
Organic solvents:	85.1 %
VÕC (EC)	
	620.9 g/l
VOC-EU%	85.06 %
Solids content:	2.2 %
Change in condition	
Evaporation rate	Not applicable.
Information with regard to physical hazard classes	
Explosives	, Void
Flammable gases	Void
Aerosols	<i>Extremely flammable aerosol. Pressurised container:</i>
110/05005	May burst if heated.
Ovidising ages	Void
Oxidising gases	Vola Void
Gases under pressure	Void Void
Flammable liquids	
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable	
Substances and mixtures, which emit flammable gases in contact with water	Void
	Void Void
gases in contact with water Oxidising liquids	
gases in contact with water	Void

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· Desensitised explosives

Void

### SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

#### SECTION 11: Toxicological information

· 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

· Acute toxicity

*

ED/LC50 values relevant for classification.			
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			
Oral	LD50	>5000 mg/kg (rat)	
Dermal	LD50	>2000 mg/kg (rat)	
Inhalative	LC50/4 h	>20 mg/m3 (rat)	
xylene			
Oral	LD50	3523 mg/kg (rat)	
Dermal	LD50	2000 mg/kg (rabbit)	
Inhalative	LC50/4 h	29000 mg/m3 (rat)	
71-36-3 bu	71-36-3 butan-1-ol		
Oral	LD50	2292 mg/kg (rat)	
Dermal	LD50	3430 mg/kg (rabbit)	
Inhalative	LC50/4 h	17000 mg/m3 (rat)	
· Skin corro	sion/irritati	on Causes skin irritation.	
		ritation Causes serious eye irritation.	
· Respirator	· Respiratory or skin sensitisation No sensitising effects known.		
· STOT-sing	• STOT-single exposure May cause drowsiness or dizziness.		
· 11.2 Inform	· 11.2 Information on other hazards		

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information			
· 12.1 Toxicity			
· Aquatic toxicity:			
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			
EC50 / 48 h 3 mg/l (daphnia magna / Wasserfloh)			
EC50 / 72 h 30 mg/l (Pseudokirchneriella Subcapitata)			
LC50/96 h 11.4 mg/l (oncorhynchus mykiss / Regenbogenforelle)			
xylene			
EC50/48 h 7.4 mg/l (daphnia magna)			
LC50/96 h 13.5 mg/l (fish)			
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#### 71-36-3 butan-1-ol

#### LC50/96 h 1376 mg/l (fish)

- · 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties
- The product does not contain substances with endocrine disrupting properties.
- · 12.7 Other adverse effects
- Remark: Toxic for fish

#### $\cdot$ Additional ecological information:

#### · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms

### SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packaging:
- · Recommendation:

Disposal must be made according to official regulations. Disposal must be made according to official regulations.

#### **SECTION 14: Transport information** · 14.1 UN number or ID number UN1950 · ADR, IMDG, IATA · 14.2 UN proper shipping name · ADR 1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS · IMDG AEROSOLS ·IATA AEROSOLS, flammable · 14.3 Transport hazard class(es) ·ADR 2 5F Gases. · Class · Label 2.1 · IMDG, IATA · Class 2.1 Gases. (Contd. on page 9) GB

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Label	2.1
14.4 Packing group ADR, IMDG, IATA	not regulated
14.5 Environmental hazards:	
Marine pollutant:	Yes
Special marking (ADR):	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	-
EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat.
C C	SW22 For AEROSOLS with a maximum capacity of 1
	litre: Category A. For AEROSOLS with a capacity abo
	1 litre: Category B. For WASTE AEROSOLS: Category
	C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1
	litre:
	Segregation as for class 9. Stow "separated from" class
	except for division 1.4.
	For AEROSOLS with a capacity above 1 litre:
	Segregation as for the appropriate subdivision of class
	For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class
14.7 Maritime transport in bulk according to IM	10
instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities $(EQ)$	Code: E0
	Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D
IMDG	
Limited quantities (LQ)	1L
Excepted quantities $(\widetilde{EQ})$	Code: E0
	Not permitted as Excepted Quantity
UN ''Model Regulation'':	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY
0	HAZARDOUS

#### **SECTION 15: Regulatory information**

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

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category

P3a FLAMMABLE AEROSOLS

E2 Hazardous to the Aquatic Environment

 $\cdot$  Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t

 $\cdot$  Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

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· National regulations:

· Information about limitation of use:

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · Relevant phrases

H220 Extremely flammable gas. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H280 Contains gas under pressure; may explode if heated. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects. · Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Flam. Gas 1A: Flammable gases - Category 1A Aerosol 1: Aerosols - Category 1 Press. Gas (Comp.): Gases under pressure - Compressed gas Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 Carc. 2: Carcinogenicity - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard - Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2 • * Data compared to the previous version altered.