

SAFETY DATA SHEET

Based upon Regulation (EC) No. 1907/2006, as amended by Regulation (EC) No. 453/2010



GT7 bulk

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

1.1 Product identifier:

Product name : GT7 bulk
Synonyms : 230105000; 230105257; 230105001
Registration number REACH : Not applicable (mixture)
Product type REACH : Mixture (Organic)

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

1.2.1 Relevant identified uses

Lubricating oil

1.2.2 Uses advised against

No uses advised against

1.3 Details of the supplier of the safety data sheet:

Supplier of the SDS

TEC7 N.V.
Industrielaan 5B
B-2250 Olen
Tel: +32 14 85 97 37
Fax: +32 14 85 97 38
info@tec7.be

Producer of the product

TEC7 N.V.
Industrielaan 5B
B-2250 Olen
Tel: +32 14 85 97 37
Fax: +32 14 85 97 38
info@tec7.be

1.4 Emergency telephone number:

24h/24h:
+32 14 58 45 45 (BIG)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

2.1.1 Classification according to Regulation EC No 1272/2008

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Class	Category	Hazard statement code(s)
Asp. Tox.	category 1	H304: May be fatal if swallowed and enters airways.

2.1.2 Classification according to Directive 67/548/EEC-1999/45/EC

Classified as dangerous in accordance with the criteria of Directives 67/548/EEC and 1999/45/EC
Xn; R65 - Harmful: may cause lung damage if swallowed.

2.2 Label elements:

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

Hazard pictograms



Contains distillates (petroleum), hydrotreated light.

Signal word Danger

H-statements
H304 May be fatal if swallowed and enters airways.

P-statements

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Product number: 47508

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P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container to manufacturer/competent authority.

2.3 Other hazards:

CLP

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No. 1907/2006
Material presenting a fire hazard

SECTION 3: Composition/information on ingredients

3.1 Substances:

Not applicable

3.2 Mixtures:

Name (REACH Registration No)	CAS No EC No	Conc. (C)	Classification according to DSD/DPD	Classification according to CLP	Note	Remark
distillates (petroleum), hydrotreated light	64742-47-8 265-149-8	50% <C<100%	R66 Xn; R65	Asp. Tox. 1; H304	(1)	Component

(1) For R-phrases and H-statements in full: see heading 16

SECTION 4: First aid measures

4.1 Description of first aid measures:

General:

Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

After inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

After skin contact:

Rinse with water. Soap may be used. Take victim to a doctor if irritation persists.

After eye contact:

Rinse with water. Take victim to an ophthalmologist if irritation persists.

After ingestion:

Rinse mouth with water. Do not induce vomiting. Consult a doctor/medical service if you feel unwell.

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

4.2.1 Acute symptoms

After inhalation:

No effects known.

After skin contact:

No effects known.

After eye contact:

Redness of the eye tissue.

After ingestion:

Risk of aspiration pneumonia. Abdominal pain. Diarrhoea. Dizziness. Headache.

4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

5.1.1 Suitable extinguishing media:

Polyvalent foam. ABC powder. Carbon dioxide.

5.1.2 Unsuitable extinguishing media:

Water.

5.2 Special hazards arising from the substance or mixture:

Upon combustion: CO and CO₂ are formed.

5.3 Advice for firefighters:

5.3.1 Instructions:

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No specific fire-fighting instructions required.

5.3.2 Special protective equipment for fire-fighters:

Heat/fire exposure: compressed air/oxygen apparatus. Gloves. Protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

No naked flames.

6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

6.1.2 Protective equipment for emergency responders

Gloves. Protective clothing.

Suitable protective clothing

See heading 8.2

6.2 Environmental precautions:

Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.

6.3 Methods and material for containment and cleaning up:

Take up liquid spill into absorbent material. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

6.4 Reference to other sections:

See heading 13.

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1 Precautions for safe handling:

Keep away from naked flames/heat. Gas/vapour heavier than air at 20°C. Observe normal hygiene standards. Keep container tightly closed.

7.2 Conditions for safe storage, including any incompatibilities:

7.2.1 Safe storage requirements:

Protect against frost. Ventilation at floor level. Meet the legal requirements.

7.2.2 Keep away from:

Heat sources.

7.2.3 Suitable packaging material:

No data available

7.2.4 Non suitable packaging material:

No data available

7.3 Specific end use(s):

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer .

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

b) National biological limit values

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods

Product name	Test	Number
Kerosene (Naphthas)	NIOSH	1550

8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

8.1.4 DNEL/PNEC values

If applicable and available it will be listed below.

8.1.5 Control banding

If applicable and available it will be listed below.

8.2 Exposure controls:

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment

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Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work.

a) Respiratory protection:

High gas/vapour concentration: gas mask with filter type A.

b) Hand protection:

Gloves,.

c) Eye protection:

Not required for normal conditions of use.

d) Skin protection:

Protective clothing.

8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical form	Liquid
Odour	Characteristic odour
Odour threshold	Not applicable
Colour	No data available on colour
Particle size	Not applicable (liquid)
Explosion limits	0.7 - 6 %
Flammability	Material presenting a fire hazard
Log Kow	No data available
Dynamic viscosity	0.001 Pa.s ; 20 °C
Kinematic viscosity	1.2 mm ² /s ; 20 °C
Melting point	No data available
Boiling point	187 - 300 °C
Flash point	61 °C
Evaporation rate	0.04 ; butyl acetate
Vapour pressure	1 hPa ; 20 °C
Relative vapour density	> 1
Solubility	water ; insoluble
Relative density	0.81
Decomposition temperature	No data available
Auto-ignition temperature	255 °C
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
pH	No data available

Physical hazards

No physical hazard class

9.2 Other information:

Absolute density	810 kg/m ³
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SECTION 10: Stability and reactivity

10.1 Reactivity:

Temperature above flashpoint: higher fire/explosion hazard.

10.2 Chemical stability:

No data available.

10.3 Possibility of hazardous reactions:

No data available.

10.4 Conditions to avoid:

Keep away from naked flames/heat.

10.5 Incompatible materials:

No data available.

10.6 Hazardous decomposition products:

Upon combustion: CO and CO₂ are formed.

SECTION 11: Toxicological information

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11.1 Information on toxicological effects:

11.1.1 Test results

Acute toxicity

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No (test) data on the mixture available
distillates (petroleum), hydrotreated light

Route of exposure	Parameter	Method	Value	Exposure time	Species	Gender	Value determination
Oral	LD50	OECD 420	>5000 mg/kg bw		Rat	Male/female	Experimental value
Dermal	LD50	Equivalent to OECD 402	>2000 mg/kg bw	24 h	Rabbit	Male/female	Experimental value
Inhalation (vapours)	LC50	Equivalent to OECD 403	>5.28 mg/l	4 h	Rat	Male/female	Experimental value

Classification of the mixture is based on the relevant ingredients of the mixture

Conclusion

Low acute toxicity of the oral route based on the components
Low acute toxicity of the inhalation route based on the components
Low acute toxicity of the dermal route based on the components

Corrosion/irritation

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No (test) data on the mixture available
distillates (petroleum), hydrotreated light

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination
Eye	Not irritating	EPA OTS 798.4500		1; 24; 48; 72; 168 hours	Rabbit	Experimental value
Skin	Not irritating	OECD 404	4 h	24; 72 hours	Rabbit	Experimental value

Classification of the mixture is based on the relevant ingredients of the mixture

Conclusion

Not classified as irritating to the skin
Not classified as irritating to the eyes

Respiratory or skin sensitisation

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No (test) data on the mixture available
distillates (petroleum), hydrotreated light

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Gender	Value determination
Skin	Not sensitizing	Equivalent to OECD 406	12 h	24; 48 hours	Guinea pig	Male	Experimental value

Classification of the mixture is based on the relevant ingredients of the mixture

Conclusion

Not sensitizing for skin

Specific target organ toxicity

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No (test) data on the mixture available
distillates (petroleum), hydrotreated light

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Gender	Value determination
Oral	NOAEL		750 mg/kg bw/day	General	Weight reduction	21 week(s)	Rat	Female	Experimental value
Oral	LOAEL		1500 mg/kg bw/day	General	Systemic effects	21 week(s)	Rat	Female	Experimental value
Oral	LOAEL		750 mg/kg bw/day	General	Systemic effects	70-90 day(s)	Rat	Male	Experimental value
Dermal	LOAEL	OECD 410	≥0.5 ml/kg bw		Systemic effects	4 weeks (6h/day, 5 days/week)	Rat	Male/female	Experimental value
Inhalation (vapours)	NOAEC	Equivalent to OECD 412	≥24 mg/m ³		No effect	4 weeks (6h/day, 5 days/week)	Rat	Male/female	Experimental value
Inhalation (vapours)	NOAEL	Equivalent to OECD 413	≥1000 mg/m ³		No effect	90 days (continuous)	Mouse	Male/female	Experimental value

Classification of the mixture is based on the relevant ingredients of the mixture

Conclusion

Low sub-chronic toxicity by the dermal route
Low sub-chronic toxicity by the oral route

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Low sub-chronic toxicity by inhalation route

Mutagenicity (in vitro)

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No (test) data on the mixture available
distillates (petroleum), hydrotreated light

Result	Method	Test substrate	Effect	Value determination
Negative	Equivalent to OECD 476	Mouse (lymphoma L5178Y cells)		Experimental value
Negative	Equivalent to OECD 479	Chinese hamster ovary (CHO)		Experimental value
Negative	Other	Bacteria (S.typhimurium)		Experimental value
Negative	Equivalent to OECD 471	Bacteria (S.typhimurium)		Experimental value

Mutagenicity (in vivo)

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No (test) data on the mixture available
distillates (petroleum), hydrotreated light

Result	Method	Exposure time	Test substrate	Gender	Organ	Value determination
Negative	Equivalent to OECD 478		Mouse	Male/female		Experimental value
Negative	Equivalent to OECD 478		Rat	Male/female		Experimental value
Negative	Equivalent to OECD 475		Mouse	Male/female		Experimental value

Carcinogenicity

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No (test) data on the mixture available
distillates (petroleum), hydrotreated light

	Parameter	Method	Value	Exposure time	Species	Gender	Value determination	Organ	Effect
Dermal	LOAEL	Equivalent to OECD 451	250 mg/kg bw/day	103 weeks (5 days/week)	Mouse	Male/female	Experimental value		Mortality

Reproductive toxicity

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No (test) data on the mixture available
distillates (petroleum), hydrotreated light

	Parameter	Method	Value	Exposure time	Species	Gender	Effect	Organ	Value determination
Developmental toxicity	NOAEC	OECD 414	≥364 ppm	10 day(s)	Rat		No effect		Experimental value
Effects on fertility	NOAEL		3000 mg/kg bw/day	70-90 day(s)	Rat	Male	Reproductive performance		Experimental value
	NOAEL		1500 mg/kg bw/day	21 week(s)	Rat	Female	Reproductive performance		Experimental value

Classification of the mixture is based on the relevant ingredients of the mixture

Conclusion CMR

Not classified for carcinogenicity
Not classified for mutagenic or genotoxic toxicity
Not classified for reprotoxic or developmental toxicity

Aspiration hazard

May be fatal if swallowed and enters airways.

Toxicity other effects

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No (test) data on the mixture available
distillates (petroleum), hydrotreated light

Parameter	Method	Value	Organ	Effect	Exposure time	Species	Gender	Value determination
			Skin	Skin dryness or cracking				Literature study

Classification of the mixture is based on the relevant ingredients of the mixture

Conclusion

No data available

11.1.2 Other information

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No (test)data on the mixture available

SECTION 12: Ecological information

12.1 Toxicity:

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No (test)data on the mixture available

Conclusion

No data available on ecotoxicity

12.2 Persistence and degradability:

Conclusion

No test data of component(s) available

12.3 Bioaccumulative potential:

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Log Kow

Method	Value	Temperature	Value determination
	No data available		

Conclusion

No test data of component(s) available

12.4 Mobility in soil:

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Conclusion

No (test)data on the mixture available

12.5 Results of PBT and vPvB assessment:

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No. 1907/2006.

12.6 Other adverse effects:

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Ozone-depleting potential (ODP)

Not dangerous for the ozone layer (1999/45/EC)

Ground water

Ground water pollutant

distillates (petroleum), hydrotreated light

Ozone-depleting potential (ODP)

Not dangerous for the ozone layer (Council Regulation (EC) no 1005/2009)

Ground water

Ground water pollutant

SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1 Waste treatment methods:

13.1.1 Provisions relating to waste

Waste material code (Directive 2008/98/EC, decision 2001/118/EC).

13 02 05* (mineral-based non-chlorinated engine, gear and lubricating oils). Depending on branch of industry and production process, also other EURL codes may be applicable. Hazardous waste according to Directive 2008/98/EC.

13.1.2 Disposal methods

Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Use appropriate containment to avoid environmental contamination.

13.1.3 Packaging/Container

Waste material code packaging (Directive 2008/98/EC).

15 01 10* (packaging containing residues of or contaminated by dangerous substances).

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SECTION 14: Transport information

Road (ADR)

14.1 UN number:

Transport	Not subject
UN number	-

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Hazard identification number	
Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

Rail (RID)

14.1 UN number:

Transport	Not subject
UN number	-

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Hazard identification number	
Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

Inland waterways (ADN)

14.1 UN number:

Transport	Not subject
UN number	-

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

Sea (IMDG)

14.1 UN number:

Transport	Not subject
UN number	-

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Class	
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14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Marine pollutant	-
Environmentally hazardous substance mark	no

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14.6 Special precautions for user:

Special provisions	
Limited quantities	

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Annex II of MARPOL 73/78	
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Air (ICAO-TI/IATA-DGR)

14.1 UN number:

Transport	Not subject
UN number	-

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Class	
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14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Passenger and cargo transport: limited quantities: maximum net quantity per packaging	

SECTION 15: Regulatory information

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

European legislation:

Volatile organic compounds (VOC)

60 %

REACH Annex XVII - Restriction

Enumerated in Annex XVII of Regulation (EC) No. 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

National legislation

- The Netherlands

Waterbezwaarlijkheid (for NL)	11
Waste identification other lists of waste materials	LWCA (the Netherlands): KGA category 03

- Germany

WGK	1	Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)
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15.2 Chemical safety assessment:

No chemical safety assessment is required.

SECTION 16: Other information

Labelling according to Directive 67/548/EEC-1999/45/EC (DSD/DPD)

Labels



Harmful

Contains: distillates (petroleum), hydrotreated light.

R-phrases

65 Harmful: may cause lung damage if swallowed

S-phrases

(02) (Keep out of the reach of children)

23 Do not breathe vapour

(62) (If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label)

Full text of any R-phrases referred to under headings 2 and 3:

R65 Harmful: may cause lung damage if swallowed

R66 Repeated exposure may cause skin dryness or cracking

Full text of any H-statements referred to under headings 2 and 3:

H304 May be fatal if swallowed and enters airways.

(*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic substances

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DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.

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