

TOP GLIDE (500 ML)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Issue date: 6/4/2020 Revision date: 2/14/2020 Supersedes: 3/15/2017 Version: 18.1

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

1.1. Product identifier

Product form : Mixture
Product name : TOP GLIDE (500 ML)
Product code : 1220

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Professional
Use of the substance/mixture : Lubricant

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

Pro Part International
Molenakker 3
5953 TW Reuver - Nederland
T +31 (0) 77 476 2204
info@propart-international.com - www.propart-international.com

1.4. Emergency telephone number

No additional information available

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
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) :

Danger

Hazard statements (CLP) :

H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.

Precautionary statements (CLP) :

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read carefully and follow all instructions.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

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EUH-statements : EUH208 - Contains isoeugenol, 2-Methyl-2H-isothiazol- 3-one. May produce an allergic reaction.
UFI : 3RC3-20H9-E00R-Q9DV

2.3. Other hazards

Other hazards not contributing to the classification : The product does not meet the PBT and vPvB classification criteria.
Contains PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments : Description:
Mixture of active substance with propellant gas.

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Butane	(CAS-No.) 106-97-8 (EC-No.) 203-448-7 (REACH-no) 01-2119474691-32	10 – 25	Flam. Gas 1, H220 Press. Gas (Comp.), H280
Decamethylcyclopentasiloxane substance listed as REACH Candidate (Decamethylcyclopentasiloxane (D5))	(CAS-No.) 541-02-6 (EC-No.) 208-764-9	10 – 25	Not classified
Propane	(CAS-No.) 74-98-6 (EC-No.) 200--827-9 (REACH-no) 01-2119486944-21	2.5 – 10	Flam. Gas 1, H220 Press. Gas (Comp.), H280
ISOBUTANE (CONTAINING $\geq 0.1\%$ BUTADIENE (203-450-8))	(CAS-No.) 75-28-5 (EC-No.) 200-857-2 (REACH-no) 01-2119485395-27		Flam. Gas 1A, H220 Press. Gas (Comp.), H280

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. If you feel unwell, seek medical advice.
First-aid measures after skin contact : The product is not considered to be irritating to the skin.
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. Immediately call a POISON CENTER/doctor.

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

Symptoms/effects : No additional information available.

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

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. carbon dioxide. alcohol-resistant foam. dry powder.
Unsuitable extinguishing media : Do not use a heavy water stream.

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5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Protection during firefighting : Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Keep public away.

6.1.1. For non-emergency personnel

Protective equipment : Complete protective clothing.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters. No discharge of substance into waste water. Notify authorities if product enters sewers or public waters. Do not allow to enter sewers, surface or groundwater.

6.3. Methods and material for containment and cleaning up

For containment : Ensure adequate air ventilation.

Methods for cleaning up : Do not flush with water or aqueous cleansing agents.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. For disposal of solid materials or residues refer to section 13 : "Disposal considerations". Stable under recommended handling and storage conditions (see section 7).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide sufficient air exchange and/or exhaust. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep cool. The government provisions with regard to the storage of compressed gas packings must be observed.

Information on mixed storage : The government provisions with regard to the storage of compressed gas packings must be observed.

Storage area : Keep cool. Keep container tightly closed and dry. Store away from heat. Protect from sunlight.

7.3. Specific end use(s)

No additional information available.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Butane (106-97-8)

EU - Occupational Exposure Limits

IOELV TWA (mg/m ³)	1900 mg/m ³
IOELV TWA (ppm)	800 ppm
IOELV STEL (mg/m ³)	3800 mg/m ³
IOELV STEL (ppm)	1000 ppm

Propane (74-98-6)

EU - Occupational Exposure Limits

IOELV TWA (mg/m ³)	1800 mg/m ³
IOELV TWA (ppm)	1000 ppm

ISOBUTANE (CONTAINING >= 0.1 % BUTADIENE (203-450-8)) (75-28-5)

EU - Occupational Exposure Limits

IOELV TWA (mg/m ³)	2400 mg/m ³
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Monitoring methods

Monitoring methods	No additional data, see chapter 7.
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Additional information : The basis of the information is the data that were valid when compiled.

8.2. Exposure controls

Appropriate engineering controls:

Wash hands before breaks and after work. Do not breathe gas/fumes/vapour/spray.

Materials for protective clothing:

Wear suitable protective clothing. (EN-13034/6)

Hand protection:

Solvent-resistant gloves. Choose glove material taking into account the penetration times, the permeation degrees and the degradation. 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. Since the product consists of several substances, the durability of the glove material cannot be estimated and needs to be tested before use

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR)	5 (> 240 minutes)	>0,5 mm		

Eye protection:

Safety glasses

Type	Use	Characteristics	Standard
Protective goggles			EN 166

Skin and body protection:

Wear suitable protective clothing. (EN-13034/6)

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Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
	ABEK, 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	: According to product specification.
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 °C
Flash point	: -97 °C
Auto-ignition temperature	: The product does not ignite on its own.
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable.
Vapour pressure	: 5000 hPa @ 20°
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.858 g/cm ³ @ 20°C
Solubility	: Not miscible/Practically not miscible. Water: 65.6 % Organic solvent: 20.7 %
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: The product is not explosive, but the formation of explosive vapor / air mixtures is possible.
Oxidising properties	: No data available
Lower explosive limit (LEL)	: 1.5 vol %
Upper explosive limit (UEL)	: 10.9 vol %

9.2. Other information

VOC content	: 284.4 g/l VOC content CH : 20,65 %
Solids content	: 0,4%

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

10.2. Chemical stability

No degradation when used as directed.

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10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No additional information available.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Based on available data, the classification criteria are not met
Acute toxicity (dermal)	: Based on available data, the classification criteria are not met
Acute toxicity (inhalation)	: Based on available data, the classification criteria are not met
Skin corrosion/irritation	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Based on available data, the classification criteria are not met
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

Hazardous to the aquatic environment, short-term (acute)	: No additional information available
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

12.2. Persistence and degradability

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Persistence and degradability	No additional information available.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	No additional information available.
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12.4. Mobility in soil

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Mobility in soil	No supplementary information available
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12.5. Results of PBT and vPvB assessment

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Results of PBT assessment	The product does not meet the PBT and vPvB classification criteria
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Component

Decamethylcyclotrasiloxane (541-02-6)	This substance/mixture meets the PBT criteria of REACH regulation, annex XIII This substance/mixture meets the vPvB criteria of REACH regulation, annex XIII
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12.6. Other adverse effects

Other adverse effects	: No additional information available.
Additional information	: Do not discharge undiluted or in large quantities into groundwater, surface water or sewage.
WGK (Water-endangerment class)	: 1 low hazard for aquatic organisms (1 D)(Self classification)
Additional information	: Do not discharge undiluted or in large quantities into groundwater, surface water or sewage.





SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Do not flush down sewers. Do not dispose of with domestic waste.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
HP Code	: HP3 - "Flammable:" — flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C; — flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air; — flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction; — flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa; — water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities; — other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 1950	UN 1950	UN 1950	UN 1950	Not applicable
14.2. UN proper shipping name				
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	Not applicable
Transport document description				
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 AEROSOLS, 2.1	Not applicable
14.3. Transport hazard class(es)				
2.1	2.1	2.1	2.1	Not applicable
				Not applicable

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14.4. Packing group

Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
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14.5. Environmental hazards

Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Not applicable
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No supplementary information available

14.6. Special precautions for user

Special transport precautions : Aerosol warning

Overland transport

Classification code (ADR) : 5F

Limited quantities (ADR) : 1I

Excepted quantities (ADR) : E0

Tunnel restriction code (ADR) : D

Transport by sea

Limited quantities (IMDG) : 1 L

Excepted quantities (IMDG) : E0

EmS-No. (Fire) : F-D

EmS-No. (Spillage) : S-U

Stowage category (IMDG) : None

Stowage and handling (IMDG) : SW1, SW2

Segregation (IMDG) : SG69

Air transport

PCA Excepted quantities (IATA) : E0

Inland waterway transport

Classification code (ADN) : 5F

Limited quantities (ADN) : 1 L

Excepted quantities (ADN) : E0

Number of blue cones/lights (ADN) : 1

Rail transport

Not applicable

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

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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

Reference code	Applicable on	Entry title or description
70.	Decamethylcyclopentasiloxane	Octamethylcyclotetrasiloxane (D4) ; Decamethylcyclopentasiloxane (D5)
3.	TOP GLIDE (500 ML)	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008

Contains a substance on the REACH candidate list in concentration $\geq 0.1\%$ or with a lower specific limit: Decamethylcyclopentasiloxane (D5) (EC 208-764-9, CAS 541-02-6)

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 : 284.4 g/l VOC content CH : 20,65 %

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Other information, restriction and prohibition regulations : Qualifying quantity (tonnes) for applications of requirements for low-threshold devices: 150 t.
Qualifying quantity (tonnes) for application of requirements for high-threshold devices: 500 t.

Directive 2012/18/EU (SEVESO III)

Seveso Additional information : P3a FLAMMABLE AEROSOLS
'Flammable' aerosols Category 1 or 2, containing flammable gases Category 1 or 2 or flammable liquids Category 1

15.1.2. National regulations

Klasse NK : 10 - < 25 %

Klasse Wasser : 50 - < 75 %

Netherlands

Waterbezwaarlijkheid : 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
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

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
PBT	Persistent Bioaccumulative Toxic

Data sources : These data are based on the current state of our knowledge. However, they do not provide a guarantee of product properties and do not establish a contractual legal relationship.

Full text of H- and EUH-statements:

Flam. Gas 1	Flammable gases, Category 1
Flam. Gas 1A	Flammable gases, Category 1A
Press. Gas (Comp.)	Gases under pressure : Compressed gas
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
EUH208	Contains . May produce an allergic reaction.

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.