

Printing date 02.03.2022 Version number 59 (replaces version 58) Revision: 02.03.2022

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

· 1.1 Product identifier

·Trade name: OPN-Carburetor Cleaner Spray

· Article number: 60772

· Unique formula identifier (UFI): 2J9E-3549-6004-T9TC

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

No further relevant information available.

· Application of the substance / the mixture Cleaning material/ Detergent

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

OPN-CHEMIE GmbH

In der Au 14

57290 Neunkirchen

www.opn-chemie.de

· Further information obtainable from:

Barbara Angelika Gros-Petri

E-Mail (competent person) baerbel.petri@opn-chemie.de

· 1.4 Emergency telephone number:

Emergency information service Vergiftungs-Informations-Zentrale Freiburg +49 (0) 761 / 1 92 40

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



health hazard

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms







GHS02 C

)7

· Signal word Danger

(Contd. on page 2)

Printing date 02.03.2022 Version number 59 (replaces version 58) Revision: 02.03.2022

Trade name: OPN-Carburetor Cleaner Spray

(Contd. of page 1)

· Hazard-determining components of labelling:

xylene

acetone

· Hazard statements

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

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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.

P260 Do not breathe vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

P501 Dispose of contents / container in accordance with national regulations of the disposal.

· Additional information:

Buildup of explosive mixtures possible without sufficient ventilation.

- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-xxxx	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	25-<50%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-xxxx	acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	20-<25%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43-xxxx	ethanol Flam. Liq. 2, H225; Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 %	10-<20%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx	propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	10-<20%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx	butane, pure Flam. Gas 1A, H220; Press. Gas (Comp.), H280	5-<10%
<u> </u>	(Cor	ntd. on page 3)

GB -

Printing date 02.03.2022 Version number 59 (replaces version 58) Revision: 02.03.2022

Trade name: OPN-Carburetor Cleaner Spray

	(Co	ntd. of page 2)
CAS: 75-28-5	isobutane	2.5-<5%
EINECS: 200-857-2	Flam. Gas 1A, H220; Press. Gas (Comp.), H280	1
Reg.nr.: 01-2119485395-27-xxxx		
CAS: 64742-53-6	Distillates (petroleum), hydrotreated light naphthenic	1-<2.5%
EINECS: 265-156-6	♦ Asp. Tox. 1, H304	1
Reg.nr.: 01-2119480375-34-xxxx		
A 1 1242 1 2 - C 42 To 4b	yording of the listed hexard phrases refer to section 16	

• Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air; consult doctor in case of complaints.

Take affected persons into fresh air and keep quiet.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Immediately remove any clothing soiled by the product.

· After eye contact:

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

· After swallowing: Do not induce vomiting; call for medical help immediately.

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

Breathing difficulty

Headache

Dizziness

Dizziness

Nausea

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

If swallowed or in case of vomiting, danger of entering the lungs.

Later observation for pneumonia and pulmonary oedema.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents:

Fire-extinguishing powder

Carbon dioxide

Use fire extinguishing methods suitable to surrounding conditions.

Foam

· 5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.

During heating or in case of fire poisonous gases are produced.

Formation of toxic gases is possible during heating or in case of fire.

· 5.3 Advice for firefighters

· Protective equipment:

Mouth respiratory protective device.

Wear self-contained respiratory protective device.

· Additional information

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

CD

Printing date 02.03.2022 Version number 59 (replaces version 58) Revision: 02.03.2022

Trade name: OPN-Carburetor Cleaner Spray

(Contd. of page 3)

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.

Ensure adequate ventilation

Keep away from ignition sources.

- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- · 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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.

Avoid contact with skin and eyes.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Keep respiratory protective device available.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

- · 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: Protect from heat and direct sunlight.
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.2 Exposure controls

6.2 Exposure controls		
Ingredients with limit values that require monitoring at the workplace:		
CAS: 1330-20-7 xylene		
WEL Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk, BMGV		
CAS: 67-64-1 acetone		
WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm		
CAS: 106-97-8 butane, pure		
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)		
	(Contd. on page	

(Contd. on page 5)

Version number 59 (replaces version 58) Revision: 02.03.2022 Printing date 02.03.2022

Trade name: OPN-Carburetor Cleaner Spray

	(Contd. of page 4)
· DNELs	
CAS: 67-	64-1 acetone
Oral	DNEL 62 mg(kg (ME)
Inhalative	DNEL 200 mg/m³ (ME)
· Ingredien	nts with biological limit values:
CAS: 133	80-20-7 xylene
BMGV 6	50 mmol/mol creatinine
l N	Medium: urine
S	ampling time: post shift
P	arameter: methyl hippuric acid

- · Additional information: The lists valid during the making were used as basis.
- · Appropriate engineering controls No further data; see item 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Not necessary if room is well-ventilated.

· Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye/face protection

Safety glasses



Tightly sealed goggles

· **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

- · 9.1 Information on basic physical and chemical properties
- · General Information

· Physical state Aerosol · Colour: Colourless · Odour: Aromatic

(Contd. on page 6)

Version number 59 (replaces version 58) Printing date 02.03.2022 Revision: 02.03.2022

Trade name: OPN-Carburetor Cleaner Spray

	(Contd. of pag
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling	
range	<0 °C
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable, as aerosol.
Ignition temperature:	>200 °C
Decomposition temperature:	Not determined.
рН	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Partly miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	0.74225 g/cm^3
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Aerosol
Important information on protection of health and	
environment, and on safety.	1
Auto-ignition temperature:	Not determined.
Explosive properties:	Not determined.
Solvent separation test:	Not determined.
Organic solvents:	97.6 %
VOC (EC)	724.7 g/l
Solids content:	0.0 %
	0.0 %
Change in condition	Not applicable
Evaporation rate	Not applicable.
Information with regard to physical hazard classe	
Explosives	Void
Flammable gases	Void
Aerosols	Extremely flammable aerosol. Pressurised container:
	May burst if heated.
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
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	
gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void

Printing date 02.03.2022 Version number 59 (replaces version 58) Revision: 02.03.2022

Trade name: OPN-Carburetor Cleaner Spray

(Contd. of page 6)

• 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

· LD/LC50	· LD/LC50 values relevant for classification:		
ATE (Acu	ATE (Acute Toxicity Estimates)		
Dermal	LD50	2,999 mg/kg	
Inhalative	LC50/4 h	30 mg/l	
CAS: 133	CAS: 1330-20-7 xylene		
Oral	LD50	3,523 mg/kg (rat)	
Dermal	LD50	1,100 mg/kg (ATE)	
Inhalative	LC50/4 h	11 mg/l (ATE)	
CAS: 67-6	CAS: 67-64-1 acetone		
Oral	LD50	5,800 mg/kg (rat)	
Dermal	LD50	20,000 mg/kg (rabbit)	
Inhalative	LC50/4 h	~76 mg/l (rat)	
CAS: 64-1	CAS: 64-17-5 ethanol		
Oral	LD50	10,470 mg/kg (rat)	
Dermal	LD50	>2,000 mg/kg (rab)	
Inhalative	LC50/4 h	>20 mg/l (mouse)	
CAS: 74-9	CAS: 74-98-6 propane		
Inhalative	LC50/4 h	>20 mg/l (rat)	
CAS: 106	CAS: 106-97-8 butane, pure		
Inhalative	LC50/4 h	658 mg/l (rat)	
CAS: 75-28-5 isobutane			
Inhalative	LC50/4 h	658 mg/l (rat)	
Cl-	Skin correction/irritation Causes skin irritation		

- · Skin corrosion/irritation Causes skin irritation.
- · Serious eye damage/irritation Causes serious eye irritation.
- · STOT-single exposure May cause respiratory irritation. May cause drowsiness or dizziness.
- · STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.
- · Aspiration hazard May be fatal if swallowed and enters airways.

(Contd. on page 8)

(Contd. of page 7)

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

Version number 59 (replaces version 58) Printing date 02.03.2022 Revision: 02.03.2022

Trade name: OPN-Carburetor Cleaner Spray

· 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- 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.
- \cdot 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
- · 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.

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.
- · **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- · 14.1 UN number or ID number
- · ADR/RID/ADN, IMDG, IATA UN1950
- · 14.2 UN proper shipping name
- · ADR/RID/ADN **UN1950 AEROSOLS**
- · IMDG **AEROSOLS**
- · IATA AEROSOLS, flammable
- · 14.3 Transport hazard class(es)
- · ADR/RID/ADN



2 5F Gases. · Class

(Contd. on page 9)

Printing date 02.03.2022 Version number 59 (replaces version 58) Revision: 02.03.2022

Trade name: OPN-Carburetor Cleaner Spray

	(Contd. of page
· Label	2.1
· IMDG, IATA	
Class Label	2.1 Gases. 2.1
14.4 Packing group ADR/RID/ADN, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	-
EMS Number: Stowage Code	F-D,S-U SW1 Protected from sources of heat.
Stowage Code	SW22 For AEROSOLS with a maximum capacity of
	litre: Category A. For AEROSOLS with a capacity
	above 1 litre: Category B. For WASTE AEROSOLS:
	Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of litre:
	Segregation as for class 9. Stow "separated from" class
	1 except for division 1.4.
	For AEROSOLS with a capacity above 1 litre:
	Segregation as for the appropriate subdivision of class
	2. For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class
	2.
14.7 Maritime transport in bulk according to IM	
instruments	Not applicable.
Transport/Additional information:	
ADR/RID/ADN	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D D
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

- \cdot 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- \cdot Named dangerous substances ANNEX I None of the ingredients is listed.

(Contd. on page 10)

Printing date 02.03.2022 Version number 59 (replaces version 58) Revision: 02.03.2022

Trade name: OPN-Carburetor Cleaner Spray

(Contd. of page 9)

- · Seveso category P3a FLAMMABLE AEROSOLS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · 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.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.

EUH066 Repeated exposure may cause skin dryness or cracking.

· 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) DNEL: Derived No-Effect Level (REACH)

L C50: Lethal concentration 50 margant

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

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 Irrit. 2: Serious eye damage/eye irritation – 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

 \cdot * Data compared to the previous version altered.