

**Safety data sheet pursuant to ordinance
(EC) No. 453/2010
(EC) No. 1907/2006 (REACH)**

Print date: 10.07.2015

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Cimco-Werkzeugfabrik
Carl Jul. Müller GmbH & Co. KG

1. DESIGNATION OF THE MATERIAL OR MIXTURE AND COMPANY NAME

1.1 Product identifier

Product name Allround spray AT 44 with PTFE Art. No. **151000**
Trade name Allround spray AT 44 with PTFE Art. No. **151000**
CAS No.
EC No.

1.2 Relevant identified use of material or mixture and uses that are not advisable

Recommended
limitations of the
application

Use of the material/mixture Technical aerosols

1.3 Details on the supplier who is making the safety data sheet available

Company Cimco Werkzeugfabrik Carl Jul. Müller GmbH & Co. KG
Hohenhagener Straße 1 - 5
D-42855 Remscheid, Germany
+49 (0) 21913718-01 Fax: +49 (0) 21913718-86

1.4 Emergency number **Emergency CONTACT (24-Hour-Number)**
GBK GmbH +49 (0)6132-84463

2. POSSIBLE HAZARDS

2.1 Classification of the material

- **Classification in accordance with the directive (EC) No. 1272/2008 [CLP/GHS]**
Aerosol 1 H222, H229,
STOT SE 3 H336

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2.2 Label elements

- Labelling according to directive (EC) No. 1272/2008 [CLP/GHS]



GHS02



GHS07

Signal word:

Hazard

Hazard information:

H222 Extremely inflammable aerosol.
H229 Pressurised container: could burst if heated.
H336 May cause drowsiness and dizziness.

Safety information:

P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames as well as other sources of ignition.
P211 Keep away from ignition sources. Do not smoke.
P212 Do not spray against open flames or other sources of ignition.
P251 Do not puncture or incinerate, even after use.
P261 Avoid breathing in dust/smoke/gas/mist/vapour/aerosol.
P271 Only use outdoors or in well ventilated rooms.
P304 + P340 IN THE EVENT OF INHALATION: Move the person into fresh air and ensure they can breath unrestrictedly.
P312 In the event of feeling unwell, call the POISON CONTROL CENTRE/doctor.
P403 + P233 Keep container tightly sealed in a well ventilated place.
P405 Keep it locked away.
P410 + P412 Protect against direct sunlight and do not expose to temperatures above 50°C.
P501 Dispose of content/container as problem waste.

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2.3 Other dangers

- If used extensively, a flammable / combustible mixture of vapour and air can be formed.
- **Results of the PBT and vPvB assessment**
- **PBT:** The materials in the mixture do not meet the PBT/vPvB criteria according to REACH, Appendix XIII.
- **vPvB:** not applicable

3. COMPOSITION / INFORMATION ON COMPONENTS

Constituents	EC No.	CAS No.	Concentrate [% by weight]
1,2,4-trimethyl benzene	202-436-9	95-63-6	0.1 - 0.29 Flam. Liq. 3 / H226 Acute Tox. 4 / H332 Eye Irrit. 2 / H319 STOT SE 3 / H335 Skin Irrit. 2 / H315 Aquatic Chronic 2 / H411
Distillate (crude oil), light hydrogen-treated kerosene – not specified	265-149-8	64742-47-8	10 - 24.99 Asp. Tox. 1, H304
Naphtha (crude oil), heavy hydrogen-treated	919-857-5	64742-48-9	10-24.99 Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / STOTSE 3 H335 / EUH066
Alkaryl polyether	Polymer		0.3 - 0.99 Eye Irrit. 2, H319 / Skin Irrit. 2, H315 / Aquatic Chronic 2, H411

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4. FIRST AID MEASURES

4.1 Description of first aid measures

General information

Remove dirty, saturated clothing immediately.

After inhaling

Move the affected person into the fresh air and place in a resting position.
In the event of complaints, seek medical assistance.

After skin contact

In the event of skin contact, wash off with soap and water.
In the event of long-term skin irritation, consult doctor.

After swallowing

Do not induce vomiting.
Seek medical assistance.

After eye contact

In the event of contact with the eyes, rinse thoroughly with lots of water and consult a doctor.

4.2 Important symptoms and effects which are acute or occur with a delay

No information is available.

4.3 Indication of any immediate medical attention and special treatment needed

No information is available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing agents

Suitable extinguishing agents

Alcohol resistant foam, extinguishing powder, carbon dioxide, fine water spray

Unsuitable extinguishing agents

Direct water jet

5.2 Particular risks associated with the material or mixture

Danger of bursting. In the event of a fire, it is possible that hazardous gases may be formed.

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5.3 Information on fire fighting

Special protective equipment for firefighting:

In the presence of combustion or carbonization gases, any firefighting, rescue and clearing up activities should be undertaken only with heavy-duty respiratory protection.

Further information:

Cool endangered containers with water spray jet.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. MEASURES IN THE EVENT OF ACCIDENTAL RELEASE

6.1 Person-related safety precautions, protective equipment and procedures to be followed in emergencies

Ensure sufficient ventilation.

Use personal protective clothing.

Keep ignition sources away.

6.2 Environmental protection measures

If surface water or sewage system are contaminated, inform the responsible authorities.

Do not allow to enter sewage system / surface water / ground water.

6.3 Methods and material for containment and cleaning

Allow product to solidify and remove mechanically

6.4 Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protective equipment: see section 8

7. HANDLING AND STORAGE

7.1 Safety measures for safe handling

Information on safe handling

Extraction in enclosed spaces at floor height.

Ensure good room ventilation, extraction at the workplace where necessary.

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General protection measures	Do not inhale aerosols.
Hygiene measures	Do not smoke, eat, drink or sniff while working. Wash hands before breaks and after finishing work.
Information on fire and explosion protection	Keep away from ignition sources – Do not smoke. Do not spray onto flames or incandescent materials. Pressurised container. Do not force open or incinerate after use. Together with air, vapours can form an explosive mixture. Take measures to protect against electrostatic charges. Avoid exposure to heat.

7.2 Conditions for safe storage taking incompatibilities into consideration

Storage requirements	Keep sealed in original packaging. The local authority regulations for storage of aerosol dispensers are to be observed.
Information on storage with other products	
Further information on storage conditions	Protect against heat and direct sunlight. The storage temperature must not exceed 50 °C. Keep container in a cool, well-ventilated place.
Storage class	2B

7.3 Specific end use

See section 1.2

8. LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

8.1 Limit values

CAS No.	Designation	Type	[mg/m ³]	[ppm]	Peak limit	Note
106-97-8	Butane	8 hours	2400	1000	4(II)	DFG
74-98-6	Propane	8 hours	1800	1000	4(II)	DFG
95-63-6	1,2,4-trimethyl benzene	8 hours	100	20	2(II)	DFG, EU, Y

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Occupational exposure limit values

CAS No.	Designation	Type	[mg/m ³]	[ppm]	Peak limit	Note
95-63-6	1,2,4-trimethyl benzene	8 hours	100	20	2(II)	DFG, EU, Y

Biological limit values

CAS No.	Designation	Parameters	BLV	Material examined	Time sample taken
95-63-6	1,2,4-trimethyl benzene	Dimethyl benzoic acids (sum of all isomers after hydrolysis)	400 mg/g Creatinine	U	400 mg/g Creatinine

Additional information

National and local legal provisions must be adhered to.

8.2 Limiting and monitoring exposure

Personal protective equipment

General protective and hygiene measures

The usual regulations for handling chemicals needs to be adhered to.
 Do not breathe in dust/smoke/mist. Keep away from food, drink and animal feed. Do not smoke, eat or drink while working. Avoid contact with the eyes and skin. Wash hands before a break and after finishing work.

Respiratory protection

If ventilation is inadequate, wear breathing apparatus. Briefly filtration device, Filter A/P2

Hand protection

Safety gloves:
 Gloves (solvent resistant)
 It is recommended to clarify the chemical resistance of the above-mentioned protective gloves for special applications with the glove manufacturer.
 Gloves made of nitrile rubber
 The type of chemical protection gloves is to be selected according to the concentration and quantity of hazardous materials at the specific workplace.

Eye protection

Tight fitting safety glasses

Personal protection

Protective work clothing

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Limiting and monitoring environmental exposure

Ensure good room ventilation, extraction at the workplace where necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form	aerosol
Colour	yellowish
Odour	characteristic
Steam pressure	2100 hPa 20 °C
Relative density	0.75 g/cm ³ 20 °C
Melting point / Freezing point	- na -
Explosive properties	LEL: 0.5 Vol. % UEL: 10.9 Vol%
Self-ignition temperature	- na -
Ignition point	- na -
Flammability	- na -
Oxidizing properties	- na -
Solubility in / miscibility with	- na -
Ignition temperature	200° C.
Solvent content	59.1 %
Solids content	34.3 %

9.2 Other information

No information is available.

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10. STABILITY AND REACTIVITY

10.1 Reactivity

No information available

10.2 Chemical stability

No information is available.

10.3 Possible hazardous reactions

No known hazardous reactions.

10.4 Conditions to be avoided

Avoid exposure to heat.
Formation of explosive gas mixtures with air.

10.5 Incompatible materials

No information is available.

10.6 Dangerous decomposition processes

No decomposition when used as intended.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

	Value/Evaluation	Species	Method	Note
LD50 acute oral	> 5000 mg/kg	Rat		Naphtha
LD50 acute dermal	> 5000 mg/kg	Rabbit		Naphtha
LC50 acute for inhalation	4951 mg/m ³ (4 h)	Rat		Naphtha
Skin irritation	not irritating			
Eye irritation	not irritating			
Sensitisation skin	not sensitising			

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Practical experience

Vapours can cause dizziness, headaches, and tiredness.

General comments

The product is to be handled with the care usual when handling chemicals.
Other hazardous characteristics can not be ruled out.

12. ENVIRONMENTAL INFORMATION

12.1 Toxicity

	Value/Evaluation	Species	Method	Note
Fish	LL/EL/IL50 > 1000 mg/l (96 h)	Oncorhynchus mykiss		Naphtha
Water fleas (daphnia)	LL/EL/IL50 1000 mg/l (48 h)	Daphnia magna		Naphtha
Alge	LL/EL/IL50 > 1000 mg/l (72 h)	Pseudokirchneriella subcapitata		Naphtha

12.2 Persistence and degradability

No additional information is available.

12.3 Bio accumulation potential

No additional information is available.

12.4 Mobility in the soil

No additional information is available.

Other ecological information:

General information

Hazardous to drinking water even if only a small quantity escapes into the subsoil.
Do not allow uncontrolled release of the product into the environment.
The product must not enter the ground water or surface water.

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12.5 Results of PBT and vPvB assessment

PBT Not applicable

vPvB Not applicable

12.6. Other harmful effects

Hazardous to drinking water even if only a small quantity escapes into the subsoil.
Do not allow uncontrolled release of the product into the environment.
The product must not enter the ground water or surface water.

13. INFORMATION ON DISPOSAL

Recommendation Disposal according to the local official regulations.

Product Dispose of in accordance with local authority regulations.

Waste code 07 01 04* other organic solvents, washing agents and mother liquor.

20 01 99 other fractions not otherwise specified.

Waste marked with an asterisk (*) are classed as hazardous waste according to Directive 2008/98/EC on hazardous waste.

Unclean packaging Dispose of in accordance with local authority regulations.
Packaging materials which cannot be cleaned are to be disposed of in the same way as the substance itself.

14. INFORMATION ON TRANSPORT

	ADR/RID	IMDG	IATA-DGR
14.1 UN number	1950	1950	1950
14.2 Proper UN shipping name	COMPRESSED GAS PACKAGING	AEROSOLS	Aerosols, inflammable
14.3 Transport hazard class	2.1	2.1	2.1

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14.4 Packaging group	-	-	-
14.5 Environmental hazards	no	no	no

14.6 Special preventive measures for the user

Caution: Gases

14.7 Bulk transport according to Appendix II of the MARPOL agreement 73/78 and according to the IBC code

Not applicable

Transport by land ADR/RID

Danger label 2.1

Tunnel restriction code D

Classification code 5F

Transport as "Limited quantity" as per section 3.4 ADR

15. STATUTORY REGULATIONS

15.1 Regulations on safety, health and environmental protection / specific legal regulations for the material or the mixture

VOC guideline

Note

Daten separat anfragen / Request data separately.

National regulations

Information on employment restrictions

The national laws regarding employment restrictions are to be observed.

Water hazard class 2 VwVwS Appendix 4

Water-polluting

Technical instructions (TA) air

Class III Figure NK Proportion 50 - 75 %

Incident ordinance: Incident ordinance, Appendix I Material list No. 8 (highly flammable)

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15.2 Chemical safety assessment

A chemical safety assessment for materials in this mixture have not been carried out.

16. OTHER INFORMATION

Recommended use and restrictions

Existing national and local laws regarding chemicals are to be observed.
Nur für den gewerblichen Gebrauch. / For industrial use only.

Further information

National special provisions need to be implemented by each user on their own responsibility!
The information given is based on our current level of knowledge and serves to describe the product in terms of the safety precautions to be taken. It does not represent an assurance of properties of the product described.

Please pay attention to additional information! - Our safety data sheets have been prepared according to the valid EU guidelines WITHOUT taking into consideration any special national regulations regarding handling hazardous materials and chemicals.

Notice of changes: "!" = Data changed from previous version. Previous version: 8.3

EUH066 Repeated contact can lead to rough or cracked skin.

H226 Liquid and vapour flammable.

H304 Can be fatal if swallowed or if material gets into respiratory tract.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Hazardous to health if inhaled.

H335 May cause respiratory irritation.

H411 Toxic for water organisms, with long-term effects.