

**Data sheet CARBULIN – OIL in accordance with
safty data sheet 2001/58/EC**

safty data sheet

Chemo-Air

Safty data sheet in accordance with 2001/58/EC

Trade name

CARBULIN

Product number.: SXR024013

Version

1-02-05 EU Date:

01.01.2004

Substance key

Germany

Page:

1(5)

1. Identification of the substance/preparation and company

Trade name

CARBULIN

Use of the substance/preparation

Industry sector:

hobby-modelling

Type of use:

glow engine fuel

Identification of the company

Chemo-Air Hagemann

Inh. H.Schmitt

75417 Mühlacker

Telephone: ++49 7041 810086

Information about the substance/preparation

see above

Emergency telephone number: ++49 7041 810086

2. Composition/Information on ingredients

Chemical characterization

polyglykol with additives

CAS number:

9003 - 13 - 8

3. Hazards identification

No particular hazards known.

4. First aid measures

General information

Change soaked clothing

After inhalation

When inhaled remove to fresh air and seek medical aid.

After contact with skin

In case of contact with skin, clean with soap and water.

After contact with eyes

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice

After ingestion

Summon a doctor immediately

**Data sheet CARBULIN – OIL in accordance with
safty data sheet 2001/58/EC**

safty data sheet

Chemo-Air

Safty data sheet in accordance with 2001/58/EC

Trade name

CARBULIN

Product number.: SXR024013

Version

1-02-05 EU Date:

01.01.2004

Substance key

Germany

Page:

2(5)

5. Fire-fighting measures

Suitable extinguishing media

water spray jet

foam

dry powder

carbon dioxide

Special hazards from the substance itself, its combustion products or from its vapours

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)

Special protective equipment for firefighting

Use self-contained breathing apparatus

6. Accidental release measures

Personal precautions

Use personal protective clothing.

Environmental precautions

Do not allow to enter drains or waterways

Methode for cleaning up / taking up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust)

Dispose of as prescribed

7. Handling and storage

Advice on safe handling

No special measures necessary if stored and handled as prescribed.

8. Exposure controles/personal protection

General protective measures

Avoid contact with eyes and skin

Hygiene measures

Keep away from foodstuffs and beverages.

Hand protection:

For long-term exposure:

Butyl rubber gloves.

Minimum breakthrough time / gloves: 480 min

Minimum thickness / gloves: 0,7 mm

For short-term exposure (splash protection):

Nitrile rubber gloves.

Minimum breakthrough time / gloves: 30 min

Minimum thickness / gloves: 0,4 mm

Data sheet CARBULIN – OIL in accordance with safty data sheet 2001/58/EC

safty data sheet

Chemo-Air

Safty data sheet in accordance with 2001/58/EC

Trade name

CARBULIN

Product number.: SXR024013

Version

1-02-05 EU Date:

01.01.2004

Substance key

Germany

Page:

3(5)

These types of protective gloves are offered by various manufacturers. Please note the manufacturers detailed statements, especially about the minimum thickness and the minimum breakthrough time. Consider also a particular working conditions under which the gloves are beeing used.

Eye protection: safety glasses

9. Physical and chemical properties

Form: Liquid

Colour: light yellow

Odour: characteristic

Solidifying point: -45 °C
Method: DIN 51583

Boiling temperature: not determined

Flash point: 240 °C
Method: DIN 51376 (open cup)

Ignition temperature 280 °C
Method: DIN 51794

Oxidizing properties: Not applicable

Self-ignition temperature: Not applicable

Lower explosion limit: not determined

Upper explosion limit: not determined

Evaporation rate: not determined

Vapour pressure: < 0,1 mbar (20 °C)

Density: ca. 0,99 g/cm³ (50 °C)
Method: DIN 51757

Bulk density: Not applicable

Vapour density in relation to air: not determined

Solubility in water (20 °C)
insoluble

Soluble in ... : fat
not determined

**Data sheet CARBULIN – OIL in accordance with
safty data sheet 2001/58/EC**

safty data sheet

Chemo-Air

Safty data sheet in accordance with 2001/58/EC

Trade name

CARBULIN

Product number.: SXR024013

Version

1-02-05 EU Date:

01.01.2004

Substance key

Germany

Page:

4(5)

pH value: 6 – 7 (20 °C, 100 g/l)
Method: SAE

**Octanol/water partition
coefficient (log Pow) :** not determined

Viscosity (kinematic): ca. 80 mm²/s (50 °C)
Method: DIN 51562

Combustion number: Not applicable

10. Stability and reactivity

Thermal decomposition: > 220 °C

Hazardous reactions

No hazardous reactions when stored and handled according to prescribed instructions.

11. Toxicological information

Acute oral toxicity: LD50 > 5.000 mg/kg (rat)

Acute inhalation toxicity: not determined

Acute dermal toxicity: not determined

Irritant effect on skin: non-irritant (rabbit)
Method: OECD 404

Irritant effect on eyes: non-irritant (rabbit eye)
Method: OECD 405

Sensitization not determined

Mutagenicity: not determined

Remarks

Any analogy with a product of similar composition

12. Ecological information

Biodegradability: < 20 %
sparingly degradable
Method: Zahn-Wellens test

Fish toxicity: LC50 2.200 – 5.000 mg/l (96 h, zebra fish)
Method: OECD 203

Bacteria toxicity: EC0 > 1.000 mg/l
Method: fermentation tube test

Remarks

Harmful effects to fish and bacteria: not harmful
By analogy with a product of similar composition

Data sheet CARBULIN – OIL in accordance with

safty data sheet 2001/58/EC

safty data sheet

Chemo-Air

Safty data sheet in accordance with 2001/58/EC

Trade name

CARBULIN

Product number.: SXR024013

Version

1-02-05 EU Date:

01.01.2004

Substance key

Germany

Page:

5(5)

13. Disposal considerations

Product

In accordance with regulations for special waste, must be taken to an authorised special waste incineration plant.

14. Transport information

ADR not restricted

ADNR not restricted

RID not restricted

IATA not restricted

IMDG not restricted

15. Regulatory information

Labelling in accordance with EC-Directives

The product does not require a hazzard warning label in accordance with EC Directives

National regulations

Other regulations

MATC: not fixed.

16. Other information

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.