

Weicon GmbH

Revision date: 17.11.2009

Revision no.:

1,00

AT 44 liquid

7619-0060

1. Identification of the substance/preparation and of the company/undertaking**Identification of the substance or preparation**

AT 44 liquid

Further trade names

15250

Use of the substance/preparation

Technical material

Company/undertaking identification**Manufacturer**

Weicon GmbH

Königsberger Straße 255

D-48157 Münster

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Telefax: +49 (0) 251 9322 - 244

e-mail: info@weicon.de

Internet: www.weicon.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

Supplier

WEICON Inc.

20 Steckle Place, Unit 20

Kitchener, Ontario N2E 2C3

Telephone: 519 896 5252

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e-mail: info@weicon.ca

Emergency telephone number: 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

2. Hazards identification**Classification**

Indications of danger : Harmful

R-phrases:

Flammable.

Harmful: may cause lung damage if swallowed.

3. Composition/information on ingredients**Chemical characterization (Mixture)**

Mixture of organic solvents

Hazardous components

CAS-No.	Chemical name	Quantity
64742-47-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified	25 - 50 %

4. First aid measures**General information**

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

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After contact with skin

In case of contact with skin wash off with soap and water.

In case of irritation consult a physician.

After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids.

If eye irritation persists, consult a specialist.

After ingestion

Do not induce vomiting.

If swallowed by mistake drink plenty of water and seek medical treatment.

If swallowed, flush stomach.

Advice to doctor

Attention. Beware, danger of aspiration.

5. Fire-fighting measures

Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Fire may produce:

Carbon monoxide and carbon dioxide.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Additional information

Cool containers at risk with water spray jet.

6. Accidental release measures

Personal precautions

In case of vapour formation use respirator.

Keep away sources of ignition.

Ensure adequate ventilation.

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains or bodies of water.

Methods for cleaning up/taking up

Take up residues with suitable absorbent materials.

Shovel into suitable container for disposal.

7. Handling and storage

Handling

Advice on safe handling

Keep container tightly closed.

Avoid contact with skin, eyes and clothing.

Use only in well-ventilated areas.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Pay attention to anti-explosion rules.

Take measures against electrostatic charging.

Storage

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Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.

Protect from direct solar radiation.

Storage temperature may not exceed 50°C (=122°F).

Storageclass (VCI): 3 A

8. Exposure controls/personal protection**Exposure limit values****Occupational exposure controls**

Provide appropriate exhaust ventilation at machinery and at places where dust or smoke can be generated.

Protective and hygiene measures

At work do not eat, drink and smoke.

Wash hands and skin before breaks and after work.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

ANSI Z49.1 Safety in Welding, Cutting and allied processes.

Respiratory protection

Use suitable breathing apparatus if there is inadequate ventilation.

Hand protection

Use inner-gloves to prevent from allergic reactions due to direct skin contact.

Chemical protective gloves made of nitrile, nitrile/cotton, butyl or neoprene, with a minimum thickness of 0.7 mm, permeation time of approx. 480 minutes.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Eye protection

Safety goggles with side protection

Skin protection

Light protective clothing

9. Physical and chemical properties**General information**

Physical state:	Liquid
Colour:	Grey
Odour:	Solvent-like

Important health, safety and environmental information

	Test method
pH-Value:	n.a.

Changes in the physical state

Boiling point:	130 °C
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Flash point:	21-55 °C
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Explosive properties

"The product is considered non-explosive; nevertheless explosive vapour/air mixture can be generated."

Lower explosion limits:	0,5 vol. %
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Upper explosion limits:	6,5 vol. %
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Density:	0,825 g/cm³
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Water solubility:	Insoluble
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Other information

Ignition temperature: >200 °C

10. Stability and reactivity**Conditions to avoid**

Keep away from heat and sources of ignition.

Vapour/air mixtures are explosive at intensive warming.

Heating can release vapours which can be ignited.

Materials to avoid

Oxidizing agents.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Additional information

No decomposition if used as directed.

11. Toxicological information**Corrosive and irritant effects**

Skin irritation : Non-irritant

Eye irritation: Non-irritant

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Sensitizing effects

Skin sensitization, remark : Non-sensitizing

Empirical data on effects on humans

Inhalation of vapours in high concentration can cause narcotic effects.

Further information

Vapours may cause drowsiness and dizziness. Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

12. Ecological information**Ecotoxicity**

No data available.

Further information

Do not discharge product unmonitored into the environment.

Product is not allowed to discharge into the ground water or aquatic environment.

Slightly water hazardous.

13. Disposal considerations**Advice on disposal**

Remove in accordance with local official regulations.

Where possible recycling is preferred to disposal.

Product rests: send for disposal, e.g. special waste incineration.

If recycling is not practicable, dispose of in compliance with local regulations.

14. Transport information**Canadian TDG****Proper shipping name**

PETROLEUM DISTILLATES, N.O.S. (Petroleum)

UN/ID number:

UN1268

Hazard classes:

3

Packing group:

III

Hazard label:

3

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Land transport (ADR/RID)

UN number: 1268
 ADR/RID class: 3
 Classification Code: F1
 Warning plate
 Hazard-no.: 33
 Hazard label: 3



ADR/RID packing group: III
 Limited quantity: LQ4

Description of the goods

PETROLEUM DISTILLATES, N.O.S. (Petroleum)

Other applicable information (land transport)

Special provision:: 640C 649

Transport category:: 2

Tunnel restriction code:: D1E

Marine transport

UN number: 1268
 IMDG code: 3
 Marine pollutant: P
 Hazard label: 3



IMDG packing group: III
 EmS: F-E, S-E
 Limited quantity: 1 L

Description of the goods

PETROLEUM DISTILLATES, N.O.S. (Petroleum)

Other applicable information (marine transport)

Special provision:: 944

Air transport

UN/ID number: 1268
 ICAO/IATA-DGR: 3
 Hazard label: 3



ICAO packing group: III
 Limited quantity Passenger: 1 L
 IATA-packing instructions - Passenger: 305
 IATA-max. quantity - Passenger: 5 L
 IATA-packing instructions - Cargo: 307
 IATA-max. quantity - Cargo: 60 L

Description of the goods

PETROLEUM DISTILLATES, N.O.S. (Petroleum)

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Other applicable information (air transport)

: Y305

15. Regulatory information

Canadian regulations

DSL/NDSL inventory status

All of the components are listed on the DSL Inventory.

WHMIS classification

WHMIS: B2 & D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

16. Other information

Other data

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Literature:

Changes

Changes in chapter: 15, (Poland)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)