

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME : ACECUT 5503

COMPANY : AACHENER CHEMISCHE WERKE GmbH

DATE : 18.1.2007

ID-NO :

PAGE-NR. : 1/4

## 1.) CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 PRODUCT NAME : ACECUT 5503

1.1.1 Chemical name : Petroleum distillates and aliphatic alcoholethers

1.1.2 Chemical family : Hydrocarbons

1.1.3 Formula : Mixture

1.2 COMPANY IDENTIFICATION :

1.2.1 Company : AACHENER CHEMISCHE WERKE GmbH

Adress : Germany ; Adenauerstrasse 20 , Europark C3 ; D-52146 Würselen

Telephone : 0049/2405/4497-0 Telefax : 0049/2405/4497-30

1.2.2 INFORMATIONS : Dr. Esser ; Dr. Emonds ; Tel. : 0049/2405/4497-0

## 2.) COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No.	Chemical name	Hazard identification	%
64742-88-7	Petroleum distillates	Irritant / Harmful / Combustible	50 - 100
64742-47-8	Petroleum distillates	Irritant / Harmful / Combustible	25 - 50
5131-66-8	Propylenglycoether	Irritant	< 10
5989-27-5	D-Limonen	Irritant/sensitizing	0.9

## 3.) HAZARDS IDENTIFICATION

### Combustible liquid

Harmful : may cause lung damage if swallowed

Irritant

Effects of overexposure :

Skin or eye contact may produce irritation and/or dermatitis. Vapours or mists may irritate respiration tract and, in case of massive exposure, produce headaches, dizziness, drowsiness. Ingestion may cause gastrointestinal disturbance, headaches, nausea, vomiting.

If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label

May cause allergic skin reaction

## 4.) FIRST AID MEASURES

4.1 ADDITIONAL ADVICE : Never give fluids or induce vomiting if patient is unconscious.

Take off immediately all contaminated clothing.

4.2 INHALATION :

If overcome, remove from exposure, give respiration and/or oxygen. See physician.

4.3 EYE CONTACT :

Rinse immediately with plenty of water for at least 15 minutes - keep eye wide open while rinsing.

See physician.

4.4 SKIN CONTACT :

Rinse with soap and plenty of water. If skin irritation persists, call a physician.

4.5 INGESTION :

Do not induce vomiting. Call physician immediately.

4.7 NOTE TO PHYSICIANS :

Ingestion or vomiting may cause infiltration into lung.

## 5.) FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES :

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Flashpoint ( Method used ) : 144 °F ( DIN ISO 2592 )

Flammable limits ( % ) : Lower : 1.1 Vol %  
Upper : 6.5 Vol %

COMBUSTIBLE LIQUID

5.2 EXTINGUISHING MEDIA : Foam, carbon dioxide, dry chemicals, water-spray-jet

5.3. FIRE FIGHTING INSTRUCTIONS :

Avoid breathing fumes. Use water to cool fire exposed containers, structures and personnel - also to flush spills.

Unusual fire and explosive hazards : Slight when exposed to heat or flame. Containers may contain flammable vapours.

Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas. This liquid floats on water and may travel to a source of ignition and spread fire.

## 6.) ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED :

Soak up with oil absorbent material - deposit in plant oil pollution control system.

Remove all sources of ignition - do not smoke. Use personal protective equipment

Do not flush into surface water or sewer system - avoid subsoil penetration.

## 7.) HANDLING AND STORAGE

7.1 HANDLING

Avoid formation of oil mist.

Keep away from sources of ignition - do not smoke.

Take precautionary measures against static discharges.

Use personal protective equipment

7.2 STORAGE

Store in the original container.

Keep container tightly closed in a well ventilated area.

Do not store with oxidizing agents.

Do not store product in direct sunlight.

## 8.) EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 COMPONENTS WITH EXPOSURE LIMITS :

CAS-NR.	CHEMICAL NAME	TYPE	VALUE	UNITY
64742-88-7	Petroleum distillates	TLV	525	mg/m <sup>3</sup>
	Oil mist	TLV	5	mg/m <sup>3</sup>

8.2 PERSONAL PROTECTICE EQUIPMENT :

*RESPIRATORY PROTECTION* : Not needed if ventilation is good

*VENTILATION* : *Local exhaust* : Sufficient to prevent exceeding TLV

*Mechanical ( General )* :

*Special* :

*SKIN PROTECTION* : solvent resistant gloves ( nitrilrubber ). Do not use leather gloves.

*EYE PROTECTION* : safety glasses

*INDUSTRIAL HYGIENE ADVICE* :

Do not breathe vapours. Avoid prolonged and intensive contact with skin. When using do not eat or drink or smoke.

Wash hands before breaks and at the end of workday. Preventive skin protection by using a suitable skincreme. Avoid contact with eyes. Take off immediately all contaminated clothing.

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## 9.) PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : liquid  
COLOUR : colourless  
ODOUR : slight odour

PARAMETER	VALUE	METHOD
<i>pH</i>		
for the concentrated product :		
at 100 g/l Water :	N/A	
Boiling point/Boiling range :	N/A	°F
Ignition temperature :	> 518	°F
Vapour pressure :	N/A	mm Hg
Specific gravity ( H <sub>2</sub> O = 1 ) :	ca 0.77	
Solubility in water :	insoluble	
Percent volatile by volume :	100	%
Viscosity at 68 °F :	ca 2	mPas
Evaporation rate :	N/A	

## 10.) STABILITY AND REACTIVITY

- 10.1 STABILITY : stable
- 10.2 CONDITIONS TO AVOID :  
Contact with strong oxidizing agents.
- 10.3 IMCOMPATIBLE MATERIALS :  
Strong oxidizing agents.
- 10.4 HAZARDOUS DECOMPOSITION PRODUCTS : CO , CO<sub>2</sub>
- 10.5 HAZARDOUS POLYMERIZATION : will not occur

## 11.) TOXICOLOGICAL INFORMATION

LD 50 ( oral ; rats ) : > 2000 mg/kg ( calculated from the raw materials )

Slightly irritant for skin or eyes. Prolonged and repeated skin contact may cause irritation.

**NOT A SUSPECTED CARCINOGEN**

## 12.) ECOLOGICAL INFORMATION

Do not flush into surface water or sewer system - avoid subsoil penetration.

## 13.) DISPOSAL CONSIDERATIONS

Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

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## 14.) TRANSPORTATION INFORMATION

14.1 D.O.T. SHIPPING INFORMATION : Not classified as a hazardous material for the transport

14.2 IATA/ICAO : Not classified as a hazardous material for the transport

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## 15.) REGULATORY INFORMATION

The product is classified and labelled in accordance with OSHA Standard 1910.1200

Hazard classification : Combustible ; Harmful ; Irritant

Hazardous chemicals : Hydrocarbons ( Petroleum distillates ) ; d-Limonen

Combustible

Harmful : may cause lung damage if swallowed

Irritating to eyes and skin

May cause allergic skin reaction

Avoid contact with skin and eyes

Use personal protective equipment

Keep away from sources of ignition - No smoking

Take precautionary measures against static discharges.

Do not breathe gas/fumes/vapour/spray

Keep container tightly closed in a cool, well ventilated place

If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label

All ingredients are listed on TSCA list, Canada DSL list and on the EINECS inventory

European Labeling in Accordance with EC Directives :

Xn ( Harmful ) ; contains : Hydrocarbons and d-Limonen ; may cause allergic reaction

R 65 Harmful : may cause lung damage if swallowed

R 66 Repeated exposure may cause skin dryness or cracking

R 52/53 Harmful to aquatic organism/ May cause long-term adverse effects in the aquatic environment

S 62 If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label

S 24 Avoid contact with skin

S 23 Do not breathe gas/fumes/vapour/spray

NFPA – Rating :

Flammability : 2 , Health hazard : 1 , Reactivity : 0 , Special hazard : -

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## 16.) OTHER INFORMATION

Keep container tightly closed. Do not breath vapours or mist. Avoid prolonged and intensive contact with skin. Wash hands before breaks and at the end of workday. Preventive skin protection by using a suitable skincreme. Take off immediately all contaminated clothing.

The information contained herein is believed to be accurate. It is provided for purpose of hazard communication. It is not intended to constitute performance information concerning the product.