

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME : ACECUT 4153

COMPANY : AACHENER CHEMISCHE WERKE GmbH

DATE : 14.9.2005

ID-NO :

PAGE-NR. : 1/4

## 1.) CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 PRODUCT NAME : ACECUT 4153

1.1.1 Chemical name : Mineral oil , emulsifiers

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 ; Adeauerstrasse 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	%
8042-47-5	White mineral oil	Irritant	> 90
61791-13-7	Alkylpolyglycoether	Irritant	< 10

## 3.) HAZARDS IDENTIFICATION

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

## 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 :

Flashpoint ( Method used ) : 331 °F ( DIN ISO 2592 )

Flammable limits ( % ) : Lower : N/A

Upper : N/A

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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.  
Combustible at high temperatures.

## 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.  
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.

7.2 STORAGE

Store in the original container.  
Keep container tightly closed.  
Do not store with oxidizing agents.

## 8.) EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 COMPONENTS WITH EXPOSURE LIMITS :

CAS-NR.	CHEMICAL NAME	TYPE	VALUE	UNITY
	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* : 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.

Take off immediately all contaminated clothing.

## 9.) PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : liquid

COLOUR : colourless

ODOUR : slight odour

PARAMETER

VALUE

METHOD

pH

for the concentrated product :

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at 100 g/l Water :	ca 7
Boiling point/Boiling range :	N/A °F
Ignition temperature :	N/A °F
Vapour pressure :	< 0.1 mm Hg
Specific gravity ( H <sub>2</sub> O = 1 ) :	ca 0.87
Solubility in water :	emulsion
Percent volatile by volume :	Nil %
Viscosity at 68 °F :	ca 37 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 ) : > 5000 mg/kg ( calculated from the raw materials )

Defattens the skin. Prolonged and repeated skin contact may cause irritation.  
**NOT A SUSPECTED CARCINOGEN**

## 12.) ECOLOGICAL INFORMATION

Before discarding into sewer system treat used solutions according to local and federal regulations.  
Separation with the aid of an oil separation system.  
The emulsifiers used in the product are biodegradable.

## 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

Shipping name :  
Hazard class :  
Packaging group :  
UN Number :

IMDG Page :  
EmS-No :  
MFAG-Table :  
Marine pollutant :

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

ICAO/IATA - class :  
UN-No :  
Packaging group :  
Shipping name :

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## 15.) REGULATORY INFORMATION

The product does not need to be labelled in accordance with OSHA Standard 1910.1200. Handle in accordance with good industrial hygiene and safety practice.

Keep away from sources of ignition - No smoking  
Do not breathe gas/fumes/vapour/spray  
Keep container tightly closed.  
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 :

The product does not need to be labelled in accordance with EC directives.

NFPA – Rating :

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

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## 16.) OTHER INFORMATION

Keep container tightly closed. Do not breathe 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.