

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : ACECUT 5250

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 5250

1.1.1 Chemical name : Petroleum distillates and aliphatic alcoholes

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 INFORMATION : 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

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

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) : 138 °F (DIN ISO 2592)

Flammable limits (%) : Lower : 1.1 Vol %

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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 ³
	Oil mist	TLV	5	mg/m ³

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 ₂ O = 1) :	ca 0.76	
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 , CO₂

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 :

Proper Shipping name : Hydrocarbons, liquid, n.o.s.
Hazard class : 3
Packaging group : 3
UN Number : 3295
Not a marine pollutant

14.2 IATA/ICAO :

ICAO/IATA - class : 3
UN-No : 3295
Packaging group : 3
Proper Shipping name : Hydrocarbons, liquid, n.o.s.

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)

Combustible
Harmful : may cause lung damage if swallowed
Irritating to eyes and skin

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

R 65 Harmful : may cause lung damage if swallowed
R 66 Repeated exposure may cause skin dryness or cracking.

S 62 If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label
S 23 Do not breathe gas/fumes/vapour/spray.
S 24 Avoid contact with skin.

NFPA – Rating :

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

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.