



According to 2001/58/EC

# MATERIAL SAFETY DATA SHEET

Catalogue N° : 967935 Printing date : 18/02/2006

## 1. IDENTIFICATION OF THE SUBSTANCE /PREPARATION AND OF THE COMPANY

1.1. Identification of the substance or preparation

**FILM KLEEN 5 L**

1.2. Use of the substance/preparation

Washing fluid for offset printing machines

1.3. Company/undertaking identification

ANCHOR PRESSROOM PRODUCTS

ZWALUWBEK 14

B-9150 KRUIBEKE

BELGIUM

TEL.: +32 (0)3 253 02 08

FAX : +32 (0)3 253 09 37

1.4. Emergency telephone

+32 (0)3 760 02 00

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Components contributing to hazard:

w/w%	CAS N°	EINECS N°	Chemical Name Symb.R-phrases
60-80	142-82-5	205-563-8	HEPTANE ( AND ISOMERS ) FXnN R:11-38-50/53-65-67
15-30	108-87-2	203-624-3	METHYLCYCLOHEXANE FXnN R:11-38-51/53-65-67
7-15	67-63-0	200-661-7	ISOPROPANOL F Xi R:11-36-67
0,5-1,5	110-82-7	203-806-2	CYCLOHEXANE FXnN R:11-38-50/53-65-67

## 3. HAZARDS IDENTIFICATION

Most important hazards :

Highly flammable.

Irritating to skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Harmful: may cause lung damage if swallowed.

Vapours may cause drowsiness and dizziness.

## 4. FIRST AID MEASURES

Eye contact

Irrigate with flowing water immediately and continuously for 15 minutes.

Consult medical personnel.

Skin contact

Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing

Ingestion

Do not induce vomiting. Give large amounts of water or milk if available and transport to medical facility.

Inhalation

Remove to fresh air. Consult a physician.

Further information

None

## 5. FIRE-FIGHTING MEASURES

- 5.1. Suitable extinguishing media:  
Water fog, carbon dioxide, foam, dry chemicals.
- 5.2. Extinguishing media to avoid:  
Water.
- 5.3. Further information:  
Keep containers cool by spraying with water.

## **6. ACCIDENTAL RELEASE MEASURES**

- Wear adequate personal protective equipment, see section 8 ( exposure control / personal protection ).
- Spills should be contained by and carried with suitable absorbent material and removed from disposal.
- Dispose of according to local and national regulations.
- Prevent from entering into soil, waterways and groundwater.

## **7. HANDLING AND STORAGE**

- 7.1. Handling  
Avoid eye and skin contact. Wash hands and exposed skin before eating, drinking or smoking and after work. Use only in a well ventilated area. Ingestion, exposure to skin and eyes and inhalation of any generated vapours should be avoided. Wear suitable protective clothing, gloves and eye/face protection. Do not consume or store food in the working area.
- 7.2. Storage  
Keep containers tightly closed. Store in a well ventilated, cool, dry area. Take measures to prevent electrostatic charging. Explosible with air in a vaporous/gaseous state.  
Storage class : 3A (VCI storage system), Vbf A I

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### 8.1. Exposure limit values (INGREDIENTS INFORMATION)

HEPTANE ( AND ISOMERS )	
MAK ( Deutschland, TRGS 900 )	= 400 ppm - 1664 mg/m <sup>3</sup>
TLV-STEL	= 500 ppm - 2080 mg/m <sup>3</sup>
METHYLCYCLOHEXANE	
TLV-STEL	= 400 ppm - 1633 mg/m <sup>3</sup>
ISOPROPANOL	
GV ( DK )	= 200 ppm - 490 mg/m <sup>3</sup>
MAK ( Deutschland, TRGS 900 )	= 200 ppm - 500 mg/m <sup>3</sup>
TLV-TWA	= 400 ppm - 997 mg/m <sup>3</sup>
TLV-STEL	= 500 ppm - 1248 mg/m <sup>3</sup>
CYCLOHEXANE	
TLV-STEL	= 300 ppm - 1045 mg/m <sup>3</sup>

### 8.2. Exposure controls

Respiratory protection: no respiratory protection needed under normal conditions. Good ventilation should be sufficient.

Hand protection: use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the material : nitrile rubber.

Eye protection: use chemical safety goggles. Eye wash fountain should be located in immediate work area.

Other: appropriate protective clothing.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: Liquid
Colour	: Colourless
Odour	: Typical
Flash point °C	: -4
Density (20°C) Kg/L	: 0,718
Solubility in water (25°C)	: Partly soluble in water

## **10. STABILITY AND REACTIVITY**

- 10.1. Conditions to avoid  
Heating.  
The product is stable under normal storage conditions.
- 10.2. Materials to avoid  
Keep away from oxidising material(s).
- 10.3. Hazardous decomposition products  
Formation of CO<sub>2</sub> and CO fumes is possible.

## **11. TOXICOLOGICAL INFORMATION**

### Acute toxicity (INGREDIENTS INFORMATION)

HEPTANE ( AND ISOMERS )

LD50 (Oral Rat) = NA  
METHYLCYCLOHEXANE  
LD50 (Oral Rat) = NA  
ISOPROPANOL  
LD50 (Oral Rat) = 5045 mg/kg  
LD50 (Dermal rabbit) = 13400 mg/kg  
LC50 (Inhalation rat) = 16000 mg/L/4h  
CYCLOHEXANE  
LD50 (Oral Rat) = NA  
Skin contact  
Irritating to skin.  
Inhalation  
Vapours may cause drowsiness and dizziness.  
Further information  
Harmful: may cause lung damage if swallowed.

## **12. ECOLOGICAL INFORMATION**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
12.1. Ecotoxicity (INGREDIENTS INFORMATION)  
HEPTANE ( AND ISOMERS )  
LC50 (Fish, 96 hours) = NA  
METHYLCYCLOHEXANE  
LC50 (Fish, 96 hours) = NA  
ISOPROPANOL  
LC50 (Pimephales promelas, 96h) = 61200 mg/L  
CYCLOHEXANE  
LC50 (Fish, 96 hours) = NA  
12.2. Mobility  
not known  
12.3. Persistence and Degradability  
not known  
12.4. Bioaccumulative potential  
not known  
12.5. Other adverse effects

## **13. DISPOSAL CONSIDERATIONS**

Dispose of according to local and national regulations. Containers must be disposed of in accordance with local regulations.  
EWC: 07 06 04 Other organic solvents, cleaning agents and mother liquor.

## **14. TRANSPORT INFORMATION**

UN N° : 1206 PSN : HEPTANES SOLUTION  
ADR/RID  
Class:3 labels :3 Pack. Group:II  
Code :F1 TREMcard :3.1206-200 Spec. Prov.:  
Pack. Inst.:P001,IBC02,R001 Lim. Quant.:LQ4  
IMDG  
Class:3 Subs. Risk :NA Pack. Group:II  
EmS fire:F-E EmS Storage:S-D IBC. Inst. :IBC02  
Pack. Inst.:P001 Lim. Quant.:1L Mar.Poll:N  
ICAO/IATA  
Class:3 Subs. Risk :NA Pack. Group:II  
Passenger and Cargo Aircraft. Pkg Inst:305 Max Net Qty/Pkg:5L  
Cargo Aircraft Only . Pkg Inst:307 Max Net Qty/Pkg:60L  
Ltd Qty . Pkg Inst:1L Max Net Qty/Pkg:Y305

## **15. REGULATORY INFORMATION**

EU Classification and User Label Information:  
Contains : HEPTANE  
Symbol(s) : F Xn N  
R(isk) phrase(s) :  
R11 : Highly flammable.  
R38 : Irritating to skin.  
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 : Harmful: may cause lung damage if swallowed.  
R67 : Vapours may cause drowsiness and dizziness.  
S(afety) phrase(s) :  
S9 : Keep container in a well-ventilated place.  
S16 : Keep away from sources of ignition -- No smoking.  
S23 : Do not breathe vapour.  
S24 : Avoid contact with skin.  
S33 : Take precautionary measures against static discharges.  
S43 : In case of fire, use water fog, carbon dioxide, foam, dry chemicals - Never use water.

S57 : Use appropriate container to avoid environmental contamination.  
S60 : This material and its container must be disposed of as hazardous waste.  
S62 : If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Other information :

Nota P ( 2001/58/EC ) : < 0,1 % Benzene ( CAS 71-43-2, EC 200-753-7 )  
Explosible with air in a vaporous/gaseous state.  
WGK: 1  
BAG T n° (CH): 610 184  
Toxicity class (CH): 4

## **16. OTHER INFORMATION**

The use of the preparation is restricted to professional users!  
The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties.

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NAv : Not available      NA : Not applicable  
RISK PHRASES MENTIONED IN PARAGRAPH 2:

R11 : Highly flammable.  
R36 : Irritating to eyes.  
R38 : Irritating to skin.  
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 : Harmful: may cause lung damage if swallowed.  
R67 : Vapours may cause drowsiness and dizziness.