



DATE: 18/01/99 VERSION 02

SAFETY DATA SHEET according to DM 28-1-1992

PRODUCT : AGER

Pag.1/4

1 IDENTIFICATION OF THE SUBSTANCE, COMPOUND AND MANUFACTURER

Product identification : **AGER**

Name and address of the manufacturer: TENAX S.P.A. VIA I MAGGIO, 226/263
37020 VOLARGNE - VERONA - ITALIA
TEL 045/6860222
FAX 045/6862456

Emergency Response Number: INFOTRAC 1-800-535-5053

2 COMPOSITION AND INFORMATION ABOUT THE INGREDIENTS

Composition and information about the ingredients

Number	% in weight	CAS Number	Chemical name
1	> 50%		Mixture of aliphatic hydrocarbon
2	> 30-40%	79-01-6	Trichloroethylene
3	<10%		Sylicon resin

Number	EEC Number	Symbols	Cautions
1		F-Xn	R10-S43
2	602-027-00-9	Xn	R40
3			

3 DANGERS

Flammable substance. Noxious if inhaled and irritating for eyes and skin.

4 FIRST AID

Symptoms and after-effects: Irritates the eyes and skin

First aid

General advice

In serious cases, contact a doctor familiar with this type of problem.

In case of contact with the skin

Remove the contaminated clothing and wash immediately with cold/lukewarm water (never use soap or hot water).

In case of contact with the eyes

Gently flush with water. Do not use eye drops or ointments before consulting an optician.

When ingested

Do not provoke vomiting. Consult a doctor.

When inhaled

Take the person out into the open air, keep him/her warm. Artificial respiration may be necessary.

5 FIRE FIGHTING

Fire extinguishing agents chemical-based foamy agents, dry powder, carbon dioxide and sand (do not sprinkle water).

Fire hazards If a fire breaks out, the product will produce toxic gases. Use a respirator or filter mask.



DATE: 18/01/99 VERSION 02

SAFETY DATA SHEET according to DM 28-1-1992

PRODUCT : AGER

Pag.2/4

6 WHAT TO DO IN THE CASE OF SPILLAGE

Environmental precautions In the case of spillage, prevent the substance from spreading by using sand or earth. Clean up with absorbent material (e.g. fossil flour).
Keep away from open flames and sources of heat.
If the product flows into drainage systems or pollutes the land or stretches of water contact the competent environment protection authorities.

7 HANDLING AND STORAGE

Handling Protect your hands and eyes by using suitable gloves and safety glasses.
Do not cause sparks. Remove the caps with great care.

Storage Make sure there is a flow of fresh air in the work area. Store the containers well away from food and food containers. Make sure the product containers are tightly closed and stored in a dry place at room temperature. Keep out of direct sunlight.
Do not allow static electricity to be produced.

8 EXPOSURE AND PERSONAL PROTECTION

Technical controls Assure a flow of fresh air in the work area.

Personal protection

Breathe Do not inhale the vapors.
In areas where there is a small concentration of vapors, use suitable filter masks.
In closed places use respirators.

Hand protection Always wear waterproof gloves (preferably made of PVC and not rubber).

Eye protection Always wear goggles or face shields.

Skin and body Always wear clothing which will prevent the product from coming into contact with the skin. Keep your work clothes away from your personal clothing.

Further safety precautions Do not drink, smoke and eat in the area where the product is handled and processed.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Transparent Liquid
Odor	Trichloroethylene
Density at 25°C	1 gr/cm ³
Flash point	40°C
Solubility in water	Insoluble
Solubility	acetate, aromatic e aliphatic

10 STABILITY AND REACTIVITY

Dangerous substances produced during decomposition

Usually there are none. In the case of combustion when there is little air, formaldehyde may be produced.



DATE: 18/01/99 VERSION 02

SAFETY DATA SHEET according to DM 28-1-1992

PRODUCT : AGER

Pag.3/4

11 INFORMATION ABOUT TOXICITY

Short-term toxicity

The product is extremely harmful to the nervous system. If highly concentrated vapors are inhaled or large quantities are absorbed by the skin, this may have a narcotic effect. The product may irritate the upper part of the respiratory system.

Long-term toxicity

Prolonged exposure may cause the digestive tract to hydrolyze and produces effects similar to those which occur when methyl alcohol is used. In fact, methyl alcohol degrades the skin, irritates the mucous membrane and may have a narcotic effect, which may cause comas or even death. If medical assistance is delayed the heart, kidneys, liver and optic nerves may be seriously damaged.

Mutagenesis No effects of this nature have been found.

Cancerogenesis No effects of this nature have been found.

LD50 (oral rat) > 5000 mg/kg

LD50 (skin rabbit) > 3000 mg/kg

12 EFFECST ON THE ENVIRONMENT

Precautions This product may be harmful to the environment when immersed in water. Avoid land and water pollution.

13 DISPOSAL

Product disposal The product is to be disposed of in compliance with local and national environmental regulations. Usually incineration processes are used.

14 TRANSPORT

By road Class ADR: 3.3
By sea UN-n: 1993
IMDG Code: 3.3
By air IATA-: class 3 1993

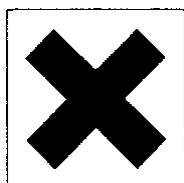
15 REGULATIONS

Symbols in compliance with Law 256 of 29/5/1974

Contents: Flammable liquid (Mixture of aliphatic hydrocarbon)

Symbol

Xn



F





DATE: 18/01/99 VERSION 02

SAFETY DATA SHEET according to DM 28-1-1992

PRODUCT : AGER

Pag.4/4

- Hazards (R)** 10 Flammable
20-22 Harmful if inhaled or swallowed
- Safety procedures (S)** 43 In the case of fire, use foaming agents, powder or carbon dioxide.
Do not spray water.
36/37 Use protective clothing and suitable gloves.
2 Keep out of the reach of children
29 Do no pour in sewers or drains

16 FURTHER INFORMATION

n.a. = not applicable

n.d. = not available

The information presented herein is based on data considered to be accurate at the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazard inherent in the nature of the product. This product must be stored, handled and used in compliance with current sanitary regulations and laws. Furthermore the specifications and description given herein cannot be used to void a contract.

Printed on 21/05/01