

Safety data sheet according to ISO 11014-1
SYNTHETIC CUTTING OIL

SDS No. 025 b/ GB

Revision date: 15/12/2003
Date written: 20/02/2006

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product identification : SYNTHETIC CUTTING OIL**Virax code no.** : 110605**Identification of manufacturer / distributor****Virax SA**
39 quai de la Marne
BP 197
51206 Epernay cedex
France
Tel : + 33 (0)3 26 59 56 56
Fax : + 33 (0)3 26 59 56 60**Department to be contacted** : General Services
Tel : 03.26.59.56.58**Emergency telephone no.** : INRS
Tel : 01 45 42 59 59

2. COMPOSITION/INFORMATION ON INGREDIENTS

Characteristics : Mixture of polyols, anti-corrosion and anti-wear additives, water soluble**Hazardous substances** :

CAS N°	Designation	%	Symbol	R phrases
----	Neutralised phosphoric acid ester	<2,5	Xi	36/38

3. HAZARDS IDENTIFICATION

Identification : N/A**Hazards for people and the environment:** : N/A

4. FIRST AID MEASURES

Inhalation : Without danger.**Skin contact** : Wash with soapy water. Remove soiled clothes.**Eye contact** : Rinse thoroughly for a few minutes, keeping the eye open**Ingestion** : Rinse the mouth immediately and drink a lot of water.**Advice for doctors** : N/A

5. FIRE-FIGHTING MEASURES

Products to be used : N/A**Suitable:****Unsuitable:****Combustion residues** : Possibility of small amounts of nitrogen oxide, phosphorous oxide and carbon monoxide**Prevention of fire and explosion hazards** : Keep away from sources of heat. Do not smoke.**Special protection** : N/A

6. ACCIDENTAL RELEASE MEASURES

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Personal protection : Avoid contact with the skin, the eyes and the clothes.
Environmental protection : N/A
Potential hazards during cleaning : N/A

7. HANDLING AND STORAGE

Handling:
Original storage : Store if possible in a cool, dry place in original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hazards related to exposure : N/A
Levels to be monitored : N/A
Personal protection :
• Inhalation : N/A
• Skin protection : Gloves recommended.
• Eye protection : Goggles recommended.
• Hygiene : Remove soiled clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C : Fluid
Colour : Colourless or red coloured
Odour : No distinctive odour
Changes of state at 1013 hPa :
• Melting point : N/A
• Boiling point : > 100 °C
Self-ignition : N/A
Explosion hazard : N/A
Gas pressure at 20 °C : N/A
Density at 20 °C : 1,10
Behaviour in water at 20 °C : Soluble
pH (10% in water) : 7 – 9
Viscosity at 40 °C (mm²/s) : 13,5

10. STABILITY AND REACTIVITY

Hazardous reactions : N/A
Combustion residues : Small quantities of nitrogen oxide, phosphorous oxide and carbon monoxide may occur during combustion of dry residues

11. TOXICOLOGICAL INFORMATION

Toxicity :
LD 50 oral / (rat) : > 20,000 mg/kg (evaluated)
LD 50 dermal / (rabbit) : N/A
Ophthalmological : N/A

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12. ECOLOGICAL INFORMATION

Biodegradability : 90% biodegradability of pure product after 10 days.
Water pollution class : Class 1**13. DISPOSAL CONSIDERATIONS**

Reprocessing : Avoid waste accumulation. Reprocess waste in accordance with the normal rules and associated legislation. Use of suitable incineration plants.
EWC waste code : 12 01 09, machining emulsions.**14. TRANSPORT INFORMATION**

National/international transport :
Class :
Number :
UN identification :
Miscellaneous : The product is not considered a hazardous good as far as precautions during transport are concerned.**15. REGULATORY INFORMATION**

EEC identification and classification :
Symbols:
R : 36/38 Irritating to eyes and skin
S :**16. OTHER INFORMATION**

Revised: 15/12/2003

Other data : N/A

Important comment:

This safety data sheet has been prepared on the basis of the information available to us at this time. This safety data sheet is intended to inform the user of the product about the hazards and the precautions to be taken when using chemical products, as well as to provide recommendations for their safe handling, storage and transport. These data have been collected together for the use of agents, technicians or engineers responsible for safety, as well as for medical professionals and authorised trades. We would therefore request that you issue this information to the personnel concerned.