

RENEP SINTONEP

FDS version : 02A

1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product : **RENEP SINTONEP**

Product type : Lubricant, gear oil
For additional advice, refer to the product Technical Data Sheet or contact your local representative.

Name of company / supplier : **FUCHS LUBRIFIANT France S. A. Division Auto-Moto**

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2- COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identification Description : Blend of highly refined mineral oils, additives.
Mineral oils : HAP < 3 % (DMSO, IP 346)

Hazardous ingredients : CAS EINECS
Alkenylamine 112-90-3 204-015-5 C N R22, 34, 43, 50 0,1 - 1 %

Additional information : For the wording of the listed risk phrases refer to section 16.

3- HAZARDS IDENTIFICATION

Specific hazards:

Inhalation : harmful concentrations of vapour do not normally arise except under high temperature or high atomisation. High concentrations of mist may give rise to respiratory irritation.

Eyes : The product is not skin irritating.

Skin : May produce an allergic reaction.

Ingestion : low order of acute oral toxicity. Ingestion of this product is not regarded as a significant health hazard likely to arise in normal use.

Physical and chemical hazards : None

Classification : Contains : Alkenylamine
May produce an allergic reaction.

4- FIRST AID MEASURES

GENERAL ADVICE : In case of doubt or persistent symptoms, consult always a doctor.
Change clothes and shoes contaminated or soaked by the product.
Never put rags contaminated by the product into cloth-pockets.

SKIN CONTACT : Thoroughly wash exposed area with soap and water. Do not use organic solvents. Remove contaminated clothing. Launder contaminated clothing before re-use. Get medical attention, if irritation persists.

EYE CONTACT : Immediately flush with large amounts of clean water, for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention, if irritation persists.

INGESTION : Do not induce vomiting because of the risk of aspiration. Rinse mouth, do not drink anything. Keep person warm, quiet, and get medical attention.

INHALATION : For effects produced by over-exposure, move to fresh air. Keep person warm, quiet and get medical attention. If breathing stops, give artificial respiration and, if necessary, cardiac massage.

ASPIRATION : Always obtain immediate medical attention even though the injury may appear minor.

NOTE TO PHYSICIAN : Treat symptomatically.

5- FIRE-FIGHTING MEASURES

FLAMMABILITY : Flash point > 200 °C

SUITABLE EXTINGUISHING MEDIA : The necessary fire-fighting equipment should be near at hand.
Regular foam or carbon dioxide or dry chemical. Do not use water.

UNSUITABLE EXTINGUISHING MEDIA : High pressure water jet.

HAZARDOUS DECOMPOSITION PRODUCTS :

Products of combustion : carbon dioxide and carbon monoxide, phosphorus, nitrogen and sulfur oxides,
partially oxidised organic fragments of the product's main ingredients,
various unburnt hydrocarbons, unidentified organic and inorganic compounds, some of which may be toxic.

FIRE-FIGHTING PROCEDURES: Sufficient measures must be taken to retain water used for extinguishing, dispose of contaminated water and soil according to local regulations.

Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

Use also a protective clothing.

Cool containers at risk with spray water if possible.

6- ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION(S):

Evacuate personnel to a safe area. Particular danger of slipping on leaked / spilled product.

Avoid contact with skin, eyes and clothing.

ENVIRONMENTAL PRECAUTION(S):

Clean up spillages immediately, stop leak without risk if possible. Dike and contain spill.

Prevent run-off to sewers, streams.

Do not allow to enter and contaminate drainage system, ground and surface water.

If run-off occurs, notify proper authorities as required, that a spill has occurred.

SMALL SPILL : Absorb liquid on material like paper, vermiculite, floor absorbent, or other absorbent material and transfer to hood.
Take up mechanically and place in suitable and closable container for disposal.

LARGE SPILL : Eliminate all ignition sources.
Pump liquid. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other neutral absorbent material and shovelled into containers.

Dispose of the material collected according to regulations.

7- HANDLING AND STORAGE

HANDLING : Advice on safe handling : Avoid contact with eyes and skin.
Opened containers must be carefully closed after use, kept upright to avoid leakage.

STORAGE : Store in dry conditions protected from elevated temperature.
Store in the original containers. Keep container tightly closed and clearly labelled.
Advice on storage compatibility : Store away from strong oxidising agents.
Store away from foodstuffs, drinks and feed.
Local regulations concerning handling and storage of waterpolluting products have to be followed.

8- EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits : Oil mists : STEL / TLV : 10 mg/m³ TWA : 5 mg/m³

PERSONAL PROTECTION : General protective measures : Wear protective clothing, overall closed footwear.

INDUSTRIAL HYGIENE : Good working practices and personal hygiene standards should be maintained at all times.
Remove as soon as reasonably practicable soiled or soaked clothing.
Do not carry cleaning cloths impregnated with the product in trouser pockets.
Wash hands before breaks and at the end of work, and always before eating, drinking or smoking.
At work, do not eat, drink or smoke.

Respiratory protection: No special respiratory protection required.
Hand protection : Wear suitable protective gloves.
Eye protection : Avoid eye contact. Employees are advised to wear safety glasses if projection.
Body protection : Protective work clothing.

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fluid	liquid
Colour	according to product specification	
Specific gravity	20°C	903 kg/m ³
Cinematic viscosity	40 °C	228 mm ² /s
	100 °C	30,34 mm ² /s
Flash point	> 200 °C	
Autoflammability	> 250 °C product is not selfigniting	
Oxidising properties	avoid contact with strong oxidising agents.	
pH value	not applicable	
Solubility in water	unsoluble,	
Solubility in solvent	fully miscible	

Characteristics are given for information. For more details, see the technical data sheet.

10- STABILITY AND REACTIVITY

Stability : Stable in use and storage normal conditions.
No decomposition if used according to specifications.

Incompatibilities : Avoid contact with strong oxidising agents.

Hazardous decomposition products : No dangerous decomposition products known.

Hazardous polymerisation : Cannot occur.

11- TOXICOLOGICAL INFORMATION

Toxicity data / Acute : When used and handled according to specifications, the product does not have any harmful effects.

Inhalation The product is unlikely to present any significant inhalation hazard at ambient temperatures.
Ingestion The product has a low order of acute oral toxicity. Ingestion is not regarded as a significant health hazard likely to arise in normal use.

Primary irritant effects :

Skin contact No irritant effect known.
Eye contact No irritant effect known.
Sensitisation No sensitizing effect known. May produce an allergic reaction.

12- ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Do not dispose in earth or water.

Mobility WATER Insoluble, the product swims on the water surface.

13- DISPOSAL CONSIDERATIONS

Recommendation : Do not allow product to reach sewage system.
Disposal must be made according to official local regulations.

Product : Destroy by incineration.
Uncleaned packaging : Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning.
Contaminated absorbent : May be deposited in a landfill in accordance with local, state and federal regulations.

European waste code n° : 13 02 05 Mineral engine oils, not chlorinated.
Check the waste code n° for your activity.

14- TRANSPORT INFORMATION

Not classified as hazardous in the meaning of transport regulations.

15- REGULATORY INFORMATION

EC Classification, packaging and labelling requirements. Directive 67/548/CEE Substances
Directive 1999/45/CE Préparations

Hazard Classification of Product : not labelling is required in accordance with the ECC directives.
Symbol: not required

Risk Phrases :
Safety Phrases :

Contains : Alkenylamine
May produce an allergic reaction.
Safety data sheet available for professional user on request.

16- OTHER INFORMATION

Relevant Risk phrases :
C Corrosive
N Dangerous for environment
R22 Harmful if swallowed.
R34 Causes burns.
R43 May cause sensitization by skin contact.
R50 Very toxic to aquatic organisms.

The advice given apply when the product is sold for the stated application or applications.

The product is not sold as suitable for any other application. Use of the product for applications other than is stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken..

End of MSDS.

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