Material Safety Data Sheet: (RL 91/155/EWG)

Date: 13.07.2006

1. Substance and Manufacturer Identification:

   **Trade Name:** Synta-Visco-Lube  Art. 9020
   **Material Type:** Mixture of synthetic hydrocarbons with ether and alcohol groups

   **Company:** H. Moebius & Fils
                Hegenheimerstrasse 23
                CH-4123 Allschwil 2
                ++41 61 481 40 03

   **Emergency Telephone:** ++41 61 481 40 03

2. Composition:

   **Substance:**  []
   **CAS-Nr.:** none
   **Chemical Characteristics:** Mixture of Alkyl-Aryloidibutylenylglycoles
   **Additives:** 1.6 % Alkylphenoxycacid
   < 1 % 2,6-Di-tert.-butyl-4-methylphenole
   p,p'-Dioctyldiphenylamine
   Bariumsulfonate-mixture
   C₃-C₁₄-Zn-dialkylthiophosphate

3. Possible Hazards:

   The product, when properly handled and stored, according to the good working and hygienic practices, is not dangerous for the human health and nature.

4. First Aid Measures:

   **Inhalation:** Move to fresh air
   **Skin contact:** Wash off with soap and water
   **Eye contact:** Rinse thoroughly with water. Obtain medical attention if adverse symptoms arise.
   **Ingestion:** Do not induce vomiting. Keep respiratory tracts clear. Affected persons are to be calmed down and consult a physician at once.

5. Fire Fighting Measures:

   **Suitable extinguishers:** CO₂, foam, dry chemical
   **Unsuitable extinguishers:** Water jet
   **Special hazards:** none
   **Special protective equipment:** For firemen positive pressure self-contained breathing apparatus.
   **Further Measures:** Do not allow spillage to enter drains and watercourse.
Product: Synta-Visco-Lube      Art. 9020

6. Accidental Release Measures:

Personel Protection:
Environmental precautions:
Cleaning Measures:

Avoid skin and eye contact
Avoid pollution of drains and watercourse
Collect with oil absorbent (e.g. sand) and dispose in the
manner prescribed by Federal, State and Local regulations.
Remains and small amounts of the product have to be
removed with water and cleaning agent (slippery floor).

7. Handling and Storage:

Handling:
No special protection measurements necessary.

Storage:
Store in original closed container at 16 - 22 °C

8. Exposure Controls / Personal Protection:

Technical Protection:
No special measures necessary

Exposure Limits:
None

Personel Protective Equipment:

Breathing protection:
not necessary

Skin protection:
not necessary

Eye protection:
not necessary

Body protection:
not necessary

Further information:
please follow the usual hygienic measures

9. Physical and Chemical Properties:

Appearance: liquid

Colour: light yellow, clear

Odour: practically odourless

Boiling point:  > 200 °C
Pour point:  < - 40 °C
Flash point:  > 200
Fire point:
Explosion limit:  ---

lower
upper

Vapor pressure (20 °C):
< 0.01 mbar

Density (20 °C):
0.930 g/cm³

Solubility 20 °C (in H2O):
not soluble

pH-value:
NA

Viscosity (20 °C):
270 mm²/s

Tested after:

DIN 51 751
ISO 3016
DIN 51 755
DIN 51 794
DIN 51 757
DIN 51 562
Product: Synta-Visco-Lube  Art. 9020

10. Stability and Reactivity:

Thermal Decomposition:
None at proper usage.

Conditions to avoid:
High temperatures, naked flames

Substances to avoid:
Strong oxidising agents

Dangerous Decomposition products:
not to be expected

Dangerous Reactions:
one at proper usage.

11. Toxicological Information:

Acute Oral Toxicity (LD 50):
> 5'000 mg/kg (rat)

Primary Skin irritation:
Moderate (rabbit)

Primary Eye irritation:
Moderate (rabbit)

Skin sensitivity:
not sensibilising

Further information:
Cancerogenic effects are not known

12. Ecological Information:

Acute Fish toxicity:
Not determined

Bioaccumulation:
Not to be expected

Biological Decomposition:
Slow

Water hazard class:
1, poor danger for water (self estimation)

13. Disposal Considerations:

Product:
Dispose off in a manner prescribed in Federal, State and Local regulations.

Packing:
Uncleaned packing to be disposed like the product.

Wastedisposalcode:
54401, synthetic cooling and lubricating products

14. Transport Information:

UN-Nr.:
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RID / ADR:
not classified

GGVSee / IMDG-Code:
not classified

ICAO / IATA-DGR:
not classified

Further Information:
This product is not dangerous

15. Regulatory Information:

Classification after European guidelines:
Not dangerous

Hazard Symbol:
Not required

Risk phrases:
one

Safety phrases:
S 2: Keep away from children
S 3: Keep in a cool place
S 8: Keep container dry
S 15: Keep away from heat
16. Other Informations:

The recommendations given in this material safety data sheet are put together from actual tests (if available), comparisons with similar products as well as informations on different products or components bought from other manufacturers.

The information given here refers only to the mentioned product. These informations are not accurate, if the product is beeing used together with other materials or in a working process. This report corresponds to our knowledge and experience at the given date. However, we do not give any warranty for faultlessness, reliability and completeness.