1.Identification of the mixture and of the company/undertaking

1.1 Product identifier:

Hexol Synline Torsion 75w80

1.2 Relevant identified uses of the mixture and uses advised against
Relevant identified uses: transmission oil. Uses advised against: no data

1.3 Details of the supplier of the safety data sheet:
S.C. HEXOL LUBE S.R.L.
Adress: comuna. Paleu, str. Ardealului 1A, judeţ Bihor
Phone/Fax: 0259 449203/428299

1.4 Emergency telephone number
Phone: 0259-454216; 0259-449203; 8-16h on workdays.

2. Hazards identification
2.1 Classification of the mixture
Classification of the mixture according to regulation 1272/2008/EC
Hazard Class and Category: Hazard statement: Not classified.

Safety hazards: Danger symbol not required.
Environmental hazards: Danger symbol not required.
Note: Spills may form a film on water surfaces causing impaired oxygen transfer.

2.2 Label elements 1272/2008/EC
Product identification: Trade name: **Hexol Synline Torsion 75w80**
GHS Pictogram: not required
Signal word: not required

Hazard statement: not required
Precautionary statements:
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with national regulation.
Other liabilities for labelling:
Tactile warning of danger: Not required.

Transport classification: see section 14

2.3 Other hazards: no data available

3. Composition/information on ingredients

3.2 Mixtures

Chemical description: Mixture of refined mineral base oils containing additives.

Component(s) / Hazardous component(s):

Name	EINECS number	Cas number	REACH No.	Hazard statements	Conc. % (m/m)
Lubricating oils (petroleum), C>25*	278-012-2	74869-22-0	--	--	Max. 99.5
Benzenamine, N-Phenyl-, Reaction Products With 2,4,4-Tri-Methylpentene	270-128-1	68411-46-1	01-2119491299-23	H412	0.04-0.19

*: with exposure limit

The full text of each relevant R-, H- phrase and Hazard classes and cat. see in Section 16.

4. First aid measures

4.1Description of first aid measures

General advice: Remove victim from exposure site. Ensure that the person have fresh air. Lieth person in lateral position and keep heat. In case of irregular breathing or respiratory arrest will apply artificial respiration.

First aid people should avoid exposure. It will use appropriate respiratory protection. If breathing has stopped, assist ventilation with mechanical device. Do not use mouth to mouth resuscitation. Take off all contaminated clothing immediately.

Inhalation: In case of accident by inhalation, remove casualty danger area and leave the rest. If symptoms persist, seek medical advice.

Skin contact: Remove contaminated clothing and wash the skin thoroughly with soap and water. If symptoms persist, seek medical advice.

Eye contact: Wash thoroughly with water for at least 10 minutes. If symptoms persist, seek medical advice.

After ingestion: Never give anything by mouth to an unconscious person, or **never induce vomiting.** Immediately seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed **No data available**.

4.3 Indication of any immediate medical attention and special treatment need **Treat symptomatically**

5. Fire-fighting measures

Fire hazards:

See also Section 9 - flash point.

5.1Extinguishing media Suitable extinguishing media: Foam, carbon dioxide, dry chemical powder. Unsuitable extinguishing media: water jet

5.2 Special hazards arising from the mixture

Hazardous combustion products: On burning, carbon dioxide, carbon monoxide, sulphur oxides, nitrogen oxides, phosphor oxides, various hydrocarbons and soot can be formed.

5.3 Advice for fire-fighters

Special protective equipment:

According to the existing fire-fighting regulations. Respiratory protection.

Further information:

Collect contaminated fire fighting water separately. It must not enter the sewage system. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Keep away people without protective clothing or who are not trained in resolving the situation. Avoid contact with skin and eyes. Do not breathe vapors or spray mist. Wear respiratory protection.

Personal precautions: see Section 8.

6.2 Environmental precautions:

Confine spills to prevent material from entering sewers, watercourses, drains and into soil Notify relevant authority

6.3 Methods and material for containment and cleaning up

On soil: All kind of ignition sources should be remove. Recover free liquid by pumping. Contain the rest or small quantities with sand, earth or other suitable

absorbents. Dispose of according to local regulations.
On water: Confine the spillage. Remove from surface by skimming or suitable absorbents. Notify local authorities according to regulations.

6.4 Reference to other sections

Personal precautions: see section 8. Waste treatment methods: see section 13.

7. Handling and storage
7.1Precautions for safe handling

Keep general measures applied for normal operations with lubricants and flammable liquids.

Keep away from radiant heat and open flame.

Avoid contact with skin and eyes. Avoid prolonged breathing of oil vapours or mists. Ensure washing facilities after working hours and before breaks. Take off contaminated or oil-soaked clothing, wash with warm water and soap.

When using do not eat, drink or smoke. Avoid splashing the product. Handling temperature: not known

7.2 Conditions for safe storage, including any incompatibilities
Storage facilities must comply with regulations for storing of flammable liquids. Store in dry, well ventilated place in original, closed containers. Keep away from radiant heat, open flame and strong oxidizing agents. Storage temperature: max. 40°C

7.3 Specific end use(s)
transmission oil.
8. Exposure controls / personal protection
Engineering control measures:
Not required.

8.1 Control parameters:

Mineral oil mist:	TWA: 5 mg/m3; STEL: 10 mg/m3, for oil mist, vapour excluded (ACGIH). Method of testing, recommended: NIOSH 5026

8.2 Exposure controls

Personal protection:
Respiratory protection: Breathing apparatus not required.
Hand protection: Oil resistant gloves (EN 374, Breakthrough time 480 min) (e.g. nitrile rubber - minimal thickness 0.33 mm).
Note: Manufacturer's directions for use and the conditions of application should be observed.
Eye protection: Tightly fitting safety goggles.
Skin protection: Protective clothing (oil resistant).
Other special: no data
8.3 Environmental exposure controls:
Do not discharge into drains/surface waters/groundwater.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Physical state:	liquid
Colour:	brown, clear
Odour:	characteristic
Change in physical state:	
Pour point (ISO 3016):	typ. -40°C
Boiling point:	not available

Others:

Flash point (COC) (EN ISO 2592):	typ. 210°C
Ignition point (EN ISO 2592):	not available
Autoignition temperature:	not available
Explosive properties:	not explosive
Oxidizing properties:	not oxidize
Vapour pressure at 20°C:	negligible
Density at 15°C (EN ISO 12185):	Typ. 0.875g/cm^3
Solubility in water:	practically insoluble in water
Solubility in other solvents:	gasoline, kerosene, toluene, etc.
n-Octanol/water partition coefficient:	not available
Vapour density:	not available
Heating value:	inf. 38 000 kJ/kg
Kinematic viscosity at 100°C (EN ISO 3104):	7-11 mm^2/s

9.2 Other information no data available

10. Stability and reactivity

10.1 Reactivity: Dangerous reactivity not known.

10.2 Chemical stability: No decomposition if stored and handled properly.
10.3 Possibility of hazardous reactions: Not known.

10.4 Conditions to avoid: Direct heat or ignition sources.
10.5 Incompatible materials: Strong oxidizing agents.
10.6 Hazardous decomposition products: No dangerous decomposition products are formed under normal conditions. Hazardous combustion products: See Section 5.

11. Toxicological information
11.1 Information on toxicological effects
Acute toxicity:
Oral: LD_{50} (rat) > 5000 mg/kg (based on components)
Dermal: LD_{50} (rabbit) > 2000 mg/kg (based on components)
Acute toxicity: irritation

Skin: not irritant (based on components)
Eye: not irritant (based on components), causes serious eye irritation
Note: Prolonged and/or repeated contact may cause irritation on skin or in eyes depending on individual sensitivity.

Respiratory or skin sensitisation: not sensitising (based on components)

Other information, specific effects:

The product does not contain PCBs, PCTs, and other chlorine compounds, and heavy metals, barium compounds.

cell mutagenicity: resp. not mutagen (based on components)
Carcinogenicity: resp. not carcinogen (based on components)

Reproductive toxicity: resp. no reproduction-damaging effect (based on components)

STOT-single exposure: not known
STOT-repeated exposure: not known
Aspiration hazard: not known,

12. Ecological information
12.1Toxicity
Oral: LD_{50} (rat)> 5000mg/kg (based on components)
Dermal: LD_{50} (rabbit) > 2000 mg/kg (based on components)

12.2	Persistence and degradability	No data available.
	Biodegradability:	No data available.
12.3	Bioaccumulative potential	No data available.
12.4	Mobility	
	Mobility in soil	Absorbs in soil.
	Mobility in water:	Floats on water.
12.5	Results of PBT and vPvB assessment	Not required.
12.6	Other adverse effects	
	Heavy metal content:	None.
	PCT, PCB and other chlorinated hydrocarbons:	None.
	Environmental effects:	Spills may form a film onwatersurfacescausing impaired oxygen transfer.
	Water hazard class (German):	

13. Disposal considerations

13.1 Waste treatment methods

Product disposal:

Wastes of the product or used oil should be treated as hazardous waste. EWC cod: 13 02 05*

Mineral-based non-chlorinated engine, gear and lubricating oils. Disposal must be in compliance with national and local regulations. Recommended waste treatment method: incineration

Packaging disposal:

Containers with product residue should also be treated as hazardous waste according to national and local disposal regulations.

EWC cod: 15 01 10*

Packaging containing residues of or contaminated by dangerous substances.

Disposal must be in compliance with national and local regulations.

Wastewater:

Quality of wastewater emitted to natural water must comply with national and local regulations.

Care should be taken in any case to ensure compliance with EC, national and local regulations. It is the responsibility of the user to know all relevant national and local regulations.

14. Transport information

Land transport:

Road/ Railway ADR/RID: Not classified.

Waterways:
Inland waterways/ Sea transport ADN/IMDG: Not classified.
Air transport: ICAO / IATA:Not classified.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the mixture.
This safety data sheet has been prepared according to Regulation 1907/2006/EC (mod. 453/2010/EC) and 1272/2008/EC.

15.2 Chemical safety assessment.
not available

16. Other information

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract.

The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

Source of data presented in this material safety data sheet:
Test results of this product

Material safety data sheets of product's components
Romanian and EU lists of dangerous substances
Relevant Romanian regulation and EU directives

Classification for mixtures and used evaluation method according to regulation 1272/2008/EC (CLP)

Not classified.

The full text of each relevant R-, H- phrase and Hazard classes and cat. in Section 3.:

H304May be fatal if swallowed and enters airways.

H315 Causes skin irritation.
H318 Causes serious eye damage
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.