



MATERIAL SAFETY DATA SHEET

according to Regulation (EC) 1907/2006 - REACH

1. Identification of the substance/mixture and of the company/undertaking					
1.1 Product identifier:		CLUTCH TRIAL			
1.2 Relevant identified uses of the substance or mixture:		Lubricant oil			
Uses advised against:		All except above indicated			
1.3 Details of the supplier of the safety data sheet:		Nils S.p.A. Via Stazione, 30 39014 Postal (BZ) Tel. +39 0473 29 24 00 e-mail: nils@nils.it Fax: +39 0473 29 12 44 www.nils.eu Tel +39 0473 292400 schedasicurezza@nils.it			
Reference to safety data sheet:					
1.4 Emergency telephone number:		Nils spa: +39 0473 29 24 00 (only available during office hours) Niguarda Milano Hospital Poison Centre: +39 02 66101029			
2. Hazards identification					
2.1 Classification according to Regulation (EC) No. 1272/2008 (CLP-GHS):		None			
2.2 Label elements:		None			
Hazard statements H:		None			
Precautionary statements P:		None			
2.3 Other hazards:		None			
3. Composition/information on ingredients					
3.2 Mixtures					
Chemical description:		Base oil and additives			
Hazardous components:					
Nr. CE	Nr. CAS	Nr. Reach	Description	%	Class. 1272/08
/	/	/	/	/	
Additional information:		Highly refined mineral oil (IP 346 DMSO extract < 3%). Free of PCB/PCT. Complete list of H hazard statements is indicated in point 16 of this MSDS.			



4. First aid measures

4.1 Description of first aid measures

-After inhalation:

-After skin contact:

-After eye contact:

-After ingestion:

Aerate the room, if necessary consult a doctor.

Remove all contaminated clothing, wash off with soap and plenty of water.

Rinse opened eye for several minutes under running water, if necessary consult a doctor.

Do not induce vomiting in order to avoid pneumonia, seek medical attention.

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 needed:

No data available.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

CO₂, foam, extinguishing powder, sand.

Unsuitable extinguishing media:

Water (use water only to cool the around surfaces).

5.2 Special hazards arising from the substance or mixture:

Carbon oxides, sulphur dioxide (SO₂), nitrogen oxides, aliphatic and aromatic pyrolysis products.

5.3 Advice for firefighters:

Body and respiratory protection devices.

5.4 Additional information:

Do not allow the contaminated water into the sewage system.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin and eyes and avoid vapour respiration. Take the precautions customary when handling chemicals. (Special protective equipment).

6.2 Environmental precautions:

Do not allow to enter the product in sewage system, surface of ground water.

6.3 Methods and material for containment and cleaning up:

Use non-flammable absorbing products, sand, fossil meal, vermiculite. Attention danger of slipping.

6.4 Reference to other sections:

None



7. Handling and storage

7.1	Precautions for safe handling:	Keep the site ventilated, avoid vapour respiration, prevent skin and eye contact.
7.2	Information about protection against explosions and fires: Conditions for safe storage, including any incompatibilities:	Do not smoke, avoid contact with ignition sources. Avoid to store with oxidants, store in tightly closed original holders in a dry, cool and well-ventilated place, protect from direct sunlight and frost, do not store on temperatures lower than 0°C.
7.3	Specific end use(s):	None

8. Exposure controls/personal protection

8.1	Control parameters:	TLV/TWA limit values for oil mist (8h): 5 mg/m ³
8.2	Exposure controls Personal protective equipment: -General protective and hygiene measures: -Respiratory protection: -Hand protection: -Eye protection: -Body protection:	Avoid gas, vapour and aerosol respiration. Avoid prolonged and intensive skin contact. Removed immediately contaminated clothing. Wash hands before breaks and after work. No particular protective measures required in well ventilated site. Nitrile rubber oil resistant gloves, thickness 0.4mm, perforation time >240 min, use protective hand cream. Safety glasses. Protective overall.

9. Physical and chemical properties

Form:	Liquid		
Colour:	Characteristic		
Odour:	Characteristic		
Odour treshold:	Not determined		
	Value	Unit	Method
Flash point:	130	°C	
Density at 15°C:	ca. 0.849	g/cm ³	DIN 51757
Solubility / miscibility in water:	Not miscible		
Viscosity at 40°C:	ca.28	mm ² /s	DIN 51562
pH at 23°C and concentr. 50 g/l:	Not applicable		DIN 51369
Selfignition:	Product is not self-igniting		
Danger of explosion:	Product is not explosive		
Drop point:	Not applicable		
Initial ebolition point:	No data available		
Evaporation rate:	No data available		
Flammability (solid, gas):	Not applicable		
Upper/lower flammability or explosive limits:	No data available		
Vapour pressure:	No data available		
Vapour density:	No data available		



Partition coefficient n-octanol/water: Autoignition temperature: Decomposition temperature: Oxidising properties:	No data available No data available No data available No data available
--	--

10. Stability and reactivity

10.1 Reactivity: 10.2 Chemical stability: 10.3 Possibility of hazardous reactions: 10.4 Conditions to avoid: 10.5 Incompatible materials: 10.6 Hazardous decomposition products:	No decomposition if used according to the specifications. Product is stable during normal use. No dangerous reaction known. None under recommended storage and handling conditions. Strong oxidizing agents. When exposed to high temperatures: carbon oxides, nitrogen oxides, smokes, aldehydes, ketones, carboxylic acids, sulphur oxides (SO _x).
---	---

11. Toxicological information

11.1 Information on toxicological effects: -Inhalation: - swallowing: -skin contact: -eye contact: -sensitization:	 Prolonged exposition to vapour or mist may cause irritation of respiratory tract. May cause irritation of digestive tract, vomit, nausea and diarrhoea. Frequent and prolonged contact with skin may degrease and irritate it. May cause irritation. No sensizing effects known.
---	--

12. Ecological information

12.1 Toxicity: 12.2 Persistence and degradability: 12.3 Bioaccumulative potential: 12.4 Mobility in soil: 12.5 Results of PBT and vPvB assessment: 12.6 Other adverse effects:	There are no data available on the product itself. Product is not easily biodegradable, do not allow to enter the product in sewage system, surface of ground water. There are no data available on the product itself. There are no data available on the product itself. There are no data available on the product itself. There are no data available on the product itself.
---	---



13. Disposal considerations

13.1 Waste treatment methods

-Recommendation:

-Waste key:

-Contaminated packaging:

Can not be disposed of together with household garbage. Do not allow product to reach sewage system
13 01 11 - synthetic hydraulic oils
In accordance with local official regulations.

14. Transport information

14.1 UN number:

The product is not considered as dangerous for road transport (ADR/RID), air transport (ICAO/IATA) and sea transport (IMDG)

14.2 UN proper shipping name:

The product is not considered as dangerous for road transport (ADR/RID), air transport (ICAO/IATA) and sea transport (IMDG)

14.3 Transport hazard class(es):

The product is not considered as dangerous for road transport (ADR/RID), air transport (ICAO/IATA) and sea transport (IMDG)

14.4 Packing group:

The product is not considered as dangerous for road transport (ADR/RID), air transport (ICAO/IATA) and sea transport (IMDG)

14.5 Environmental hazards:

The product is not considered as dangerous for road transport (ADR/RID), air transport (ICAO/IATA) and sea transport (IMDG)

14.6 Special precautions for user:

The product is not considered as dangerous for road transport (ADR/RID), air transport (ICAO/IATA) and sea transport (IMDG)

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Reg. CE 1272/2008 (CLP)
Reg. CE 790/2009 (1° ATP CLP)
Reg. 1907/2006 (Reach)
Reg. UE 453/2010

15.2 Chemical safety assessment:

There are no data available on the product itself.

16. Other information

This MSDS was prepared in accordance to Regulation 1907/2006/CE (Reach).

H hazard statements:

None

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Last revision: 06.10.2016