



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
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 Reference to safety data sheet: Tel +39 0473 292400 schedasicurezza@nils.it
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):	/
2.2 Label elements :	None
Hazard statements H:	/
Precautionary statements P:	/
2.3 Other hazards:	None

3. Composition/information on ingredients

3.1 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.

Information about protection against explosions and fires:

Do not smoke, avoid contact with ignition sources.

7.2 Conditions for safe storage, including any incompatibilities:

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:	Avoid gas, vapour and aerosol respiration. Avoid prolonged and intensive skin contact. Removed immediately contaminated clothing. Wash hands before breaks and after work.
	-Respiratory protection:	No particular protective measures required in well ventilated site.
	-Hand protection:	Nitrile rubber oil resistant gloves, thickness 0.4mm, perforation time >240 min, use protective hand cream.
	-Eye protection:	Safety glasses.
	-Body protection:	Protective overall.

9. Physical and chemical properties

Form:	Liquid		
Colour:	Characteristic		
Odour:	Characteristic		
Odour treshold:	Not determined		
	Value	Unit	Method
Flash point:	>180	°C	
Density at 15°C:	0.887	g/cm³	DIN 51757
Solubility / miscibility in water:	Not miscible		
Viscosity at 40°C:	105	mm²/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:	No data available		
Autoignition temperature:	No data available		
Decomposition temperature:	No data available		
Oxidising properties:	No data available		

10. Stability and reactivity

10.1	Reactivity:	No decomposition if used according to the specifications.
10.2	Chemical stability:	Product is stabile during normal use.
10.3	Possibility of hazardous reactions:	No dangerous reaction known.
10.4	Conditions to avoid:	None under recommended storage and handling conditions.
10.5	Incompatible materials:	Strong oxidizing agents.
10.6	Hazardous decomposition products:	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:	<p>Prolonged exposition to vapour or mist may cause irritation of respiratory tract.</p> <p>May cause irritation of digestive tract, vomit, nausea and diarrhoea.</p> <p>Frequent and prolonged contact with skin may degrease and irritate it.</p> <p>May cause irritation.</p> <p>No senziting effects known.</p>
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:	<p>There are no data available on the product itself.</p> <p>Product is not easily biodegradable, do not allow to enter the product in sewage system, surface of ground water.</p> <p>There are no data available on the product itself.</p> <p>There are no data available on the product itself.</p> <p>There are no data available on the product itself.</p> <p>There are no data available on the product itself.</p>
13. Disposal considerations	
13.1 Waste treatment methods -Recommendation: -Waste key: -Contaminated packaging:	<p>Can not be disposed of together with household garbage. Do not allow product to reach sewage system</p> <p>130200</p> <p>In accordance with local official regulations.</p>
14. Transport information	
14.1 UN number: 14.2 UN proper shipping name: 14.3 Transport hazard class(es): 14.4 Packing group: 14.5 Environmental hazards: 14.6 Special precautions for user:	<p>The product is not considered as dangerous for road transport (ADR/RID), air transport (ICAO/IATA) and sea transport (IMDG)</p> <p>/</p> <p>/</p> <p>/</p> <p>/</p> <p>/</p>



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:

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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.

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