



Trade name: Dehydol LS 2 Deo N/Emulgator/Henkel

Substance number: 261680

Version: 1 / CH

Date revised: 24.08.12

Replaces Version: - / CH

Date of printing: 24.08.12

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

1.1. Product identifier

Dehydol LS 2 Deo N/Emulgator/Henkel
Item-No. 26168000

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG
Industriestrasse 35
9101 Herisau
Telephone no. 0041 (0)71 353 58 58
E-mail address of person responsible for this SDS
sdb@haenseler.ch

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)
Eye Dam. 1 H318
Acute Tox. 1 H400

Classification in accordance with EC directives

Classification Xi, R41
N, R50

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal Word

Danger

Hazard statements

H318 Causes serious eye damage.
H400 Very toxic to aquatic life.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P273 Avoid release to the environment.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.



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Hazard symbols

Irritant

Dangerous for the
environment**R phrases**

41 Risk of serious damage to eyes.
50 Very toxic to aquatic organisms.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
39 Wear eye/face protection.
57 Use appropriate container to avoid environmental contamination.
60 This material and its container must be disposed of as hazardous waste.
61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

3. Composition/information on ingredients**Hazardous ingredients****Alcohols, C12-14, ethoxylated**

CAS No.	68439-50-9			
EINECS no.	500-213-3			
Concentration		>=	50	%
Classification	Xi, R41 N, R50			

Classification (Regulation (EC) No. 1272/2008)

H318

H400

4. First aid measures**4.1. Description of first aid measures****After skin contact**

Remove contaminated, soaked clothing immediately and dispose of safely. Wash off immediately with soap and water and rinse well.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Let plenty of water be drunk in small gulps. Induce vomiting, seek medical advice.

5. Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing measures to suit surroundings



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5.2. Special hazards arising from the substance or mixture

The product is combustible. If a fire breaks out nearby evolution of dangerous gases possible. In case of fires, hazardous combustion gases are formed

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus. Use personal protective clothing.

Other information

Do not discharge into surface waters/groundwater. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Isolate from sources of heat, sparks and open flame.

Advice on protection against fire and explosion

Keep away from sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

VCI storage category

VCI storage category 10 Combustible liquids, if not classified in LGK 3 A or 3 B

Further information on storage conditions

Keep container tightly closed.

8. Exposure controls/personal protection

8.2. Exposure controls

Hand protection

Protective gloves
Appropriate Material rubber

Eye protection

Tightly fitting safety glasses

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form liquid



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Colour	colourless			
Odour	characteristic			
pH				
Value	6	to	7.5	
Concentration/H ₂ O	10	g/l		
Temperature	20	°C		
method	DGF-H-III 1			
Flash point				
Value	143			°C
method	DIN EN 22719			
Vapour pressure				
Value	0.147			hPa
Density				
Value	0.87	to	0.89	g/cm ³
Temperature	70	°C		
Solubility in water				
Temperature	20	°C		
Remarks	emulsifiable			
Octanol/water partition coefficient (log Pow)				
log Pow	4.22	to	7	
Thermal decomposition				
Remarks	No decomposition if used as prescribed.			

10. Stability and reactivity

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Thermal decomposition

Remarks No decomposition if used as prescribed.

10.5. Incompatible materials

Strong oxidising agents

10.6. Hazardous decomposition products

None

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

LD50 > 2000 mg/kg

Acute dermal toxicity

LD50 > 2000 mg/kg

Skin corrosion/irritation

valuation slightly irritant

Serious eye damage/irritation

valuation strongly irritant
Remarks Danger acute eye damage.



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Sensitization

Remarks No sensitisation effect known.

12. Ecological information**12.1. Toxicity****Fish toxicity**

LC50	1	to	10	mg/l
method	ISO 7346/2 (semistatic)			
NOEC	<=	1		mg/l

Algae toxicity

EC50	>	0.1	to	1	mg/l
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Bacteria toxicity

EC0	>	100		mg/l
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12.2. Persistence and degradability**Biodegradability**

valuation Readily biodegradable

12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow)**

log Pow	4.22	to	7
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12.6. Other adverse effects**General information / ecology**

Product is hazardous to water.

13. Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

14. Transport information**Land transport ADR/RID****14.1. UN number**

UN 3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

14.3. Transport hazard class(es)

Class 9

Label 9

14.4. Packing group

Packing group III

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

Marine transport IMDG/GGVSee**14.1. UN number**

UN 3082



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14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

Environmental labelling ENVIRONMENTALLY HAZARDOUS

Air transport ICAO/IATA**14.1. UN number**

UN 3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

15. Regulatory information**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

16. Other information**R-phrases listed in chapter 3**41 Risk of serious damage to eyes.
50 Very toxic to aquatic organisms.**Hazard statements listed in chapter 3**H318 Causes serious eye damage.
H400 Very toxic to aquatic life.**Supplemental information**Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.