

SAFETY DATA SHEET

according to the Globally Harmonized System

LANKROPOL KPH70

Version 1

Revision Date 23.11.2017

Print Date 30.12.2020

IN / EN

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Information
 Trade name : LANKROPOL KPH70

Use of the Substance/Mixture : Specific use(s): Wetting agent

Company : Nouryon Surface Chemistry AB
 Stenunge Alle 3
 SE 444 85 Stenungsund
 Sweden


Telephone : +4630385000
 Telefax : +4630384659
 E-mail address : Regulatory.Affairs@nouryon.com
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2. HAZARDS IDENTIFICATION

GHS-Classification

Acute toxicity, Category 5, Oral
 Skin corrosion/irritation, Category 2
 Serious eye damage/eye irritation, Category 1
 Acute aquatic toxicity, Category 2

GHS-Labeling

Hazard pictograms : 

Signal word : Danger

Hazard statements : H303 May be harmful if swallowed.

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| | | |
|--------------------------|---------------------------|---|
| | H315 | Causes skin irritation. |
| | H318 | Causes serious eye damage. |
| | H401 | Toxic to aquatic life. |
| Precautionary statements | Prevention: | |
| | P264 | Wash skin thoroughly after handling. |
| | P273 | Avoid release to the environment. |
| | P280 | Wear protective gloves/ eye protection/ face protection. |
| | Response: | |
| | P302 + P352 | IF ON SKIN: Wash with plenty of water. |
| | P305 + P351 + P338 + P310 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. |
| | P312 | Call a POISON CENTER/doctor if you feel unwell. |
| | P332 + P313 | If skin irritation occurs: Get medical advice/ attention. |
| | Disposal: | |
| | P501 | Dispose of contents/ container to an approved waste disposal plant. |

Other hazards which do not result in classification

No further data available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Hazardous components

| Chemical name | CAS-No. | GHS Classification | Concentration[%] |
|-------------------------------|----------|---|------------------|
| Sodium dioctylsulphosuccinate | 577-11-7 | Acute Tox. 5; H303 Skin Corr./Irrit. 2; H315 Eye Dam./Irrit. 1; H318 Aquatic Acute 2; H401 | >= 70 - < 90 |

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

General advice : Immediate medical attention is required.
Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.

Inhalation : If breathed in, move person into fresh air.

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- Consult a physician after significant exposure.
- Skin contact : Take off contaminated clothing and shoes immediately.
Rinse immediately with plenty of water.
If skin irritation persists, call a physician.
- Eye contact : Rinse with plenty of water.
Get medical attention immediately. Continue to rinse during transport.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.
Never give anything by mouth to an unconscious person.

Notes to physician

- Symptoms : The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known.
- Treatment : Treat symptomatically.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during firefighting / Specific hazards arising from the chemical : No hazards to be specially mentioned.
- Combustion products : Carbon oxides
Sulphur oxides
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.

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- | | |
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| Emergency measures on accidental release | : Evacuate personnel to safe areas. Only qualified personnel equipped with suitable protective equipment may intervene. Prevent unauthorised persons entering the zone. |
| Environmental precautions | : Try to prevent the material from entering drains or water courses. If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods for cleaning up / Methods for containment | : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. |
| Reference to other sections | : For disposal considerations see section 13. For personal protection see section 8. |

7. HANDLING AND STORAGE

Handling

- | | |
|---|--|
| Advice on safe handling | : For personal protection see section 8. Avoid contact with skin, eyes and clothing. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations. |
| Advice on protection against fire and explosion | : Normal measures for preventive fire protection. |

Storage

- | | |
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| Requirements for storage areas and containers | : Keep container tightly closed in a dry and well-ventilated place. |
| Other data | : No decomposition if stored and applied as directed. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering controls

Effective exhaust ventilation system
Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

- | | |
|------------------------|---|
| Respiratory protection | : In the case of vapour or aerosol formation use a respirator |
|------------------------|---|

| | |
|--------------------------|---|
| | with an approved filter. |
| Hand protection | : Neoprene Nitrile rubber |
| Eye protection | : Tightly fitting safety goggles |
| Skin and body protection | : Protective suit |
| Hygiene measures | : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. |

Environmental exposure controls

| | |
|----------------|---|
| General advice | : Try to prevent the material from entering drains or water courses. If the product contaminates rivers and lakes or drains inform respective authorities. |
|----------------|---|

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

| | |
|-----------------|-----------------------------|
| Form | : liquid |
| Colour | : yellow |
| Odour | : No information available. |
| Odour Threshold | : No data available |

Safety data

| | |
|-----------------------------|---|
| pH | : 5 - 8 at 1 % solution |
| Pour point | : -10 °C |
| Boiling point/boiling range | : > 100 °C |
| Flash point | : 100 - 199 °C |
| Ignition temperature | : > 100 °C |
| Evaporation rate | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Flammability (liquids) | : Not classified as a flammability hazard |
| Lower explosion limit | : No data available |

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| Upper explosion limit | : No data available |
| Vapour pressure | : No data available |
| Relative vapour density | : No data available |
| Density | : 1,100 kg/m ³ at 20 °C |
| Relative density | : No data available |
| Water solubility | : soluble |
| Solubility in other solvents | : No data available |
| Partition coefficient: n-octanol/water | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, dynamic | : 1,630 mPa.s at 20 °C |
| Viscosity, kinematic | : No data available |
| Explosive properties | : Not explosive |
| Oxidizing properties | : The substance or mixture is not classified as oxidizing. |

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

10. STABILITY AND REACTIVITY

| | |
|----------------------------------|---|
| Conditions to avoid | : None known. |
| Materials to avoid | : None known. |
| Hazardous decomposition products | : No hazardous decomposition products are known. |
| Thermal decomposition | : No data available |
| Reactivity | : Stable under normal conditions. |
| Chemical stability | : Stable under recommended storage conditions. |
| Hazardous reactions | : No dangerous reaction known under conditions of normal use. |

11. TOXICOLOGICAL INFORMATION

Product information:

Potential Health Effects

- Inhalation : Inhalation of aerosols may cause irritation to mucous membranes.
Thermal decomposition can lead to release of irritating gases and vapours.
- Skin : Causes skin irritation.
- Eyes : Causes serious eye damage.
- Ingestion : May be harmful if swallowed.
- Aggravated Medical Condition : None known.
- Symptoms of Overexposure : The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known.

Toxicology Assessment

- Further information : No further data available.

Toxicology data for the components:

Test result

Component: Sodium dioctyl sulphosuccinate

- Acute oral toxicity : LD50: > 3,000 mg/kg
Species: Rat
Method: OECD Test Guideline 401
- Skin irritation : Species: Rabbit
Result: Irritating to skin.
Method: OECD Test Guideline 404
- Eye irritation : Species: Rabbit
Result: Risk of serious damage to eyes.
Method: OECD Test Guideline 405

12. ECOLOGICAL INFORMATION

Product information:

Ecotoxicology Assessment

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Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.

Components:

Test result

Component: Sodium dioctyl sulphosuccinate

Ecotoxicity effects

Toxicity to fish : LC50: > 10 - 100 mg/l
Exposure time: 96 h
Species: Danio rerio (zebra fish)
Method: Directive 67/548/EEC, Annex V, C.1.

Toxicity to daphnia and other aquatic invertebrates : EC50: > 1 - 10 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
Method: Directive 67/548/EEC, Annex V, C.2.

Toxicity to algae : EC50: > 10 - 100 mg/l
Exposure time: 72 h
Species: Desmodesmus subspicatus (green algae)
Method: Directive 67/548/EEC, Annex V, C.3.

EC10: > 10 - 100 mg/l
Exposure time: 72 h
Species: Desmodesmus subspicatus (green algae)
Method: Directive 67/548/EEC, Annex V, C.3.

Elimination information (persistence and degradability)

Bioaccumulation : Bioaccumulation is unlikely.

Mobility : No data available

Biodegradability : Result: Readily biodegradable.
Method: OECD Test Guideline 310

Further information on ecology

Biochemical Oxygen Demand (BOD) : No data available

13. DISPOSAL CONSIDERATIONS

Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with

chemical or used container.
Hazardous waste
Dispose of contents/container in accordance with local
regulation.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.

14. TRANSPORT INFORMATION

International Regulations

ADR

Not regulated as a dangerous good

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Further information for transport

Not classified as dangerous in the meaning of transport regulations.

Land transport

Not regulated as a dangerous good

15. REGULATORY INFORMATION

Notification status

DSL : YES. All components of this product are on the Canadian DSL
AICS : YES. On the inventory, or in compliance with the inventory
NZIoC : YES. On the inventory, or in compliance with the inventory
ENCS : YES. On the inventory, or in compliance with the inventory
ISHL : YES. On the inventory, or in compliance with the inventory
KECI : YES. On the inventory, or in compliance with the inventory
PICCS : YES. On the inventory, or in compliance with the inventory
IECSC : YES. On the inventory, or in compliance with the inventory
TCSI : YES. On the inventory, or in compliance with the inventory
TSCA : YES. All chemical substances in this product are either listed on the
TSCA Inventory or in compliance with a TSCA Inventory exemption.

For explanation of abbreviation see section 16.

Further information : none

16. OTHER INFORMATION

Full text of H-Statements

| | |
|------|--------------------------------|
| H303 | : May be harmful if swallowed. |
| H315 | : Causes skin irritation. |
| H318 | : Causes serious eye damage. |
| H401 | : Toxic to aquatic life. |

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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