



Technologies

Page 1 of 5

LIXTON TS 573

MSDS-No. : 212370

V001.0

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

Trade name:

LIXTON TS 573

Intended use:

Grinding compound

Company name:

Henkel Oberflächentechnik GmbH
 40191 Düsseldorf
 Phone: +492117970
 Fax-no.: +492117984008
 Germany

Emergency information:

The Henkel information service also provides an around-the-clock telephone service on phone no.++49-(0)211-797-3350 for exceptional cases.

Information office (content SDS):

Phone: +49 (0)2241/39739-0

2. Composition / information on ingredients

Declaration of ingredients according to 91/155/EC:

Hazardous components CAS-No.	EINECS	content	Classification
Naphtha (petroleum), hydrodesulfurized heavy 64742-82-1	265-185-4	10 - 25 %	Xn - Harmful; R65
Dodecylbenzenesulphonic acid, compound with 1-aminopropan-2-ol (1:1) 42504-46-1	255-854-9	1 - 5 %	Xi - Irritant; R38, R41
Fatty alcohol ethoxylate C10 26183-52-8		1 - 5 %	Xi - Irritant; R41
Di(2-ethylhexyl)sulfosuccinic acid, sodium salt 577-11-7	209-406-4	1 - 5 %	Xi - Irritant; R38, R41
Fatty alcohol ethoxylate C12-14 68439-50-9		1 - 5 %	Xi - Irritant, N - Dangerous for the environment; R41, R50
Alcohols C8-18, 6EO+4,5PO 69013-18-9		0,1 - 1 %	N - Dangerous for the environment; R51/53

Declaration of ingredients according to Detergent Regulation 648/2004/EC

15 - 30 % aliphatic hydrocarbons
 5 - 15 % nonionic surfactants
 anionic surfactants

3. Hazards identification

The product is classified as hazardous within the meaning of the valid (EU) preparation guideline.
 R36 Irritating to eyes.

4. First-aid measures

Inhalation:

Fresh air, consult doctor.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

5. Fire-fighting measures

Combustion behaviour:

Non-flammable (aqueous solution). In case of fire may form a hazard after evaporation of water and further heating of the product; see combustion gases/decomposition products.

Suitable extinguishing media:

carbon dioxide, foam, powder

Extinguishing media which must not be used for safety reasons:

Water jet (solvent-containing product).

Special protection equipment for firefighters:

Wear protective equipment.

Additional information:

In case of fire, keep containers cool with water spray.

6. Accidental release measures

Personal precautions:

Avoid contact with skin and eyes.

Environmental precautions:

Do not empty into drains / surface water / ground water.

Clean-up methods:

Remove with liquid-absorbing material (sand, peat, sawdust).

7. Handling and storage

Handling:

Ensure that workrooms are adequately ventilated.

Avoid skin and eye contact.

Storage:

Store frost-free.

Keep container tightly sealed.

8. Exposure controls / personal protection

Components with specific control parameters for workplace:

Valid for

Germany

Basis

Germany - Occupational Exposure Limits

Ingredient	ppm	mg/m ³	Type	Category	Remarks
Naphtha (petroleum), hydrodesulfurized heavy; Low boiling point hydrogen treated naphtha 64742-82-1	100	500	Relevant German exposure-limit for working place (MAK-value)	Short Term Exposure Limit (STEL) - category 4.	

Engineering controls:

Ensure good ventilation/suction at the workplace.

Respiratory protection:

if there is atomisation

Hand protection:

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >=1 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >=1 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Protective goggles

9. Physical and chemical properties

Appearance	liquid suspension amber to yellowish
Odor:	characteristic
Flash point	not applicable
Vapor pressure	23 hPa
Density (20 °C (68 °F))	0,95 - 1,05 g/cm ³
Solubility (qualitative) (20 °C (68 °F); Solvent: water)	not miscible or difficult to mix
Explosion limit lower [vol%]	0,6 %(V)
upper [vol%]	7 %(V)
VOC content (1999/13/EC)	23,87 %

10. Stability and reactivity

Conditions to avoid:

No decomposition if used according to specifications.

Materials to avoid:

Reaction with oxidants.

Hazardous decomposition products:

None if used for intended purpose.
In case of fire toxic gases can be released.

11. Toxicological information

Eye irritation:

Irritating to eyes

12. Ecological information

Persistence and degradability

Degradation of surfactants

The biodegradability of the surfactants contained in the product is in accordance with the requirements of the EU Detergent Regulation (EC/648/2004)
The surfactants contained in the products are primary biodegradable to at least 90% on average.

General ecological information:

The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

Other remarks:

If acidic or alkaline products are discharged into wastewater installations care must be taken that the discharged wastewater has a pH in the range pH 6 ... 10, as pH variations could cause disorders in wastewater channels and biological sewage treatment plants. The local discharge regulations take precedence.

13. Disposal considerations

Product

Disposal methods:

Dispose of according to regulations.

Waste code(EWC):

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.
070701

Recommended cleaning agents:

Clean the packaging with water.

14. Transport information

General information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

15. Regulations - classification and identification

Indication of danger:

Xi - Irritant



Risk phrases:

R36 Irritating to eyes.

Safety phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S24/25 Avoid contact with skin and eyes.

National regulations/information (Germany)

WGK: WGK = 2, water endangering product. Classification according to the mixture rules in German VwVwS regulation annex 4 from 27.July 2005.

Storage class VCI: 10

16. Other information

Full text of the R-phrases indicated by codes in this safety data sheet. The labeling of the product is indicated in Section 15.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.