



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : E 12429
Product Name : CLEANSOL

Manufacturer / supplier identification

Company : NICE Chemicals (P) Ltd. , Cochin , India
Tel - 0484 2800212 , 2802755

Contact For Information : Tel . No. – 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature : Aqueous solution, Contains, anionic and nonionic surfactants

Hazardous components (REGULATION (EC) No 1272/2008)

Chemical Name (Concentration)

<u>CAS-No.</u> <u>EC-No.</u> / <u>Registration</u>	<u>Index-No.</u> <u>Classification</u>
<u>number</u>	

Sulphonic acid, sodium hydroxide, ($\geq 1\% - < 3\%$)

(68411-30-3, 1310-73-2)

Skin irritation, Category 2, H315

Eye irritation, Category 2, H319

*) A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.



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3. HAZARDS IDENTIFICATION

Classification of substance or mixture : Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2, H319

4. FIRST AID MEASURES

After inhalation: fresh air

After skin contact: wash off with plenty of water. Remove contaminated clothing.

After eye contact: rinse out with plenty of water. Call in ophthalmologist .

After swallowing : caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately.

2 Most important symptoms and effects, both acute and delayed : irritant effects

Indication of any immediate medical attention and special treatment needed : No information available.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding.

Special hazards arising from the substance or mixture: Not combustible.

Ambient fire may liberate hazardous vapours.

Special protective equipments for fire fighting: Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.



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Other information: Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. ACCIDENTAL RELEASE MEASURES

Person -related precautionary measures: Do not inhale vapours/aerosols.

Avoid substance contact. Ensure supply of fresh air in enclosed rooms.

Environmental –protection measures:Do not allow to enter sewerage system.

Procedures for cleaning/absorption: Cover drains. Collect, bind, and pump off spills.

Take up with liquid-absorbent material (e.g. Chemizorb). Forward for disposal. Clean up effected area..

7. HANDLING AND STORAGE

Precautions for safe handling.: Observe label precautions.

Storage : Tightly closed . Storage temperature: no restrictions

8. EXPOSURE CONTROLS

Engineering measures personal protection Technical measures and appropriate working operations should be given priority over the use of personal protective equipment

Eye protection : Required

Hand protection : Required



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Protective clothing should be selected specifically For the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Industrial hygiene : Change contaminated clothing. Apply skin-protective barrier cream. Wash hands after working with substance. Work under hood. Do not inhale substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid
Colour : Red
Odour : citrus lime odour
PH value (20°C) : Neutral
Melting temperature : No information available.
Boiling temperature : 100°C
Flammability (solid, gas) : Not applicable
Lower explosion limit : No information available
Upper explosion limit : No information available.
Flash point : No information available
Vapour pressure (20° C) : No information available
Evaporation rate : No information available
Density (20°C) : 1,07 g/cm³
Solubility in water(20°C): Soluble
Partition coefficient: n-octanol/water : No information available.
Viscosity, dynamic : No information available
Autoignition temperature : No information available



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Decomposition temperature : No information available
Explosive properties : not applicable
Oxidizing properties : none

10. STABILITY AND REACTIVITY

Chemical stability - The product is chemically stable under standard ambient conditions (room temperature) Possibility of hazardous reactions - Violent reactions possible with: Alkali metals

Conditions to avoid - no information available

Incompatible materials - no information available

Hazardous decomposition products - no information available

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity

Symptoms: Risk of aspiration upon vomiting., Pulmonary failure possible after aspiration of vomit.

Acute toxicity estimate: 33.139 mg/kg

Calculation method

Acute inhalation toxicity

Symptoms: Possible damages:, mucosal irritations

Eye irritation

Mixture causes serious eye irritation.

Specific target organ toxicity - single exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.



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Specific target organ toxicity - repeated exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard

Based on available data the classification criteria are not met.

Further information - Quantitative data on the toxicity of this product are not available

Further data - Other dangerous properties can not be excluded. Handle in accordance with good industrial hygiene and safety practice.

12. ECOLOGICAL INFORMATION

Toxicity : No information available.

Persistence and degradability : No information available.

Bioaccumulative potential : No information available

Mobility in soil : No information available.

Results of PBT and vPvB assessment : PBT/vPvB assessment not available as
chemical safety assessment not required/not
conducted Other adverse effects Ecotoxic effects :

Additional ecological information

Biological effects : No interference with wastewater treatment plants are to be expected when used properly
Further information on ecology : Discharge into the environment must be avoided.

13. DISPOSAL METHOD

Product : Chemicals must be disposed of in compliance with the respective national regulations. Under www. Retrologestik. De you will find country- and substance-specific information as well as contact partners.



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Packaging : Nice product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under [www. retrologistik.de](http://www.retrologistik.de) you will find special information on the respective national conditions as well as contact partners.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations

15. REGULATORY INFORMATION

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

EU regulations

Major Accident Hazard 96/82/EC

Legislation Directive 96/82/EC does not apply

National legislation

Storage class 10 - 13

Chemical Safety Assessment : For this product a chemical safety assessment was not carried out.

Other information

H302 Harmful if swallowed

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

Full text of R-phrases referred to under sections 2 and 3

R22 Harmful if swallowed.

R36/38 Irritating to eyes and skin

R38 Irritating to skin.

R41 Risk of serious damage to eyes.



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Training advice : Provide adequate information, instruction and training for operators.

Key or legend to abbreviations and acronyms used in the safety data sheet

Used abbreviations and acronyms can be looked up at www.wikipedia.org.

16. OTHER INFORMATION

The information is given on the authorised Safety Data Sheet for your country.

The information contained here in is based on the present state of our knowledge.
It characterizes the product with regard to the appropriate safety precautions. It
does not represent a guarantee of the properties of the product.
