

Hand Disinfectant
HD-H1.T

Revision number: 00

Issuing Date 01.11.2020

1. Identification of the Substance / Mixture and of the Company / Undertaking

Product information

Trade name : Hand Disinfectant
Chemical Family : Hand wash
Recommended use : Household and institutional use only

Company : **FINEOTEX CHEMICAL LIMITED**

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2. Hazards Identification

2.1 Classification of substances

GHS Classification

Physical hazard: None
Health hazard: Acute toxicity, oral:Category 4
Skin corrosion:Category 2
Serious eye damage:Catrgory 2A
Hazardous to aquatic environment acute hazard:Category 1
Hazardous to aquatic environment long term hazard:Category 2
Environmental hazard: No data available

2.2 Label element

GHS label elements

Signal word : Warning



Exclamtion mark



Environmental hazard

Pictogram:

Hazard Statements: H302:Harmful if swallowed.

H315:Causes skin irritation.

H319:Causes serious eye irritation.

H400:Very toxic to aquatic life.

H410:Very toxic to aquatic life with long lasting effect.

Precautionary Statements: **Response:**

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye

Precautionary Statements: (Prevention) P264:Wash thoroughly after handling
P270:Do not eat , drink, or smoke when using this product.
P273:Avoid release to the environment.
P280:Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements: (Response) P301+P312:If swallowed:Call a doctor.
P330:Rinse mouth.
P302+P352:If on skin:Wash with plenty of water.
P321: Specific treatment see on this label.
P332+P313:If skin irritation occurs:Get medical attention.
P362:Take off contaminated clothing.
P305+P351+P338:If in eyes:Rinse cautiously with water for several minutes.
P337+P313:If eye irritation persist:Get medical attention.
P391:Collect spillage.

Disposal: P501:Dispose of contents.

Storage: None

3. Composition / Information on Ingredients

Composition	Identifier	%	Classification
Glycerol	56-81-5	Proprietary	H319:Serious eye damage:Category 2A
sodium chloride	7647-14-5	Proprietary	H319:Serious eye damage:Category 2A
Sodium lauryl sulfate	9004-82-4	Proprietary	H302:Acute toxicity , oral:Category 4
5-Chloro-2-(2,4-dichlorophenoxy)phenol	3380-34-5	Proprietary	H315:Skin corrosion category 2 H319:Serious eye damage:Category 2A H400:Hazardous to aquatic environment,acute hazard:Category 1 H410: :Hazardous to aquatic environment,long term hazard:Category 2

Mixtures: This product falls in the criteria of a mixture according to United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

4. First aid Measures

Description of first aid measures:

General advice : Get under the shower if spilled over body
Inhalation : Move to fresh air, seek medical attention in case of discomfort.
Skin contact : Wash thoroughly with water if felt irritated.
Eyes contact : Flush eyes with water with eyelids held open and seek medical attention
Ingestion : Rinse mouth and then drink plenty of water

Most important symptoms and effects, both acute and delayed

Symptoms/effects: May cause damage to organs (If you feel unwell, seek medical advice).
Symptoms/effects after eye contact: May cause slight irritation

Most important symptoms and effects, both acute and delayed

No special Treatment needed. Treat symptomatically

5. Firefighting Measures

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

Unsuitable extinguishing media : None known.

Specific hazards during fire fighting : Not flammable or combustible.

Hazardous combustion products : Decomposition products may include the following materials:
Carbon oxides
Nitrogen oxides (NO_x)
Sulfur oxides
Oxides of phosphorus

Special protective equipment for fire-fighters : Use personal protective equipment.

Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes

6. Accidental release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental Precautions

Prevent spillage from entering into soil, sewers, drainage and groundwater and inform the authorities in case if entered

Methods and Materials for Containment and Clean Up

Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7. Handling and Storage Measures

Advice on safe handling: No special handling advice required.

Conditions for safe storage: Keep out of reach of children. Store in suitable labelled containers.

Storage temperature: 0 °C to 50 °C

8. Exposure Control / Personal Protection

Control Parameters

Exposure Limits/Guidelines: None established

Exposure Controls

Engineering Controls: Adequate ventilation systems as needed to control
Conc. of airborne contaminants below applicable exposure limits.

Eye/Face Protection: Safety glasses with side shields.
Chemical goggles if there is a significant risk of splashing.

Respiratory Protection: None required under normal use.
If product is heated, sprayed, appropriate respiratory protection may be needed.

Skin/Hand Protection: Wear suitable working clothing; chemically resistant protect gloves.

Ingestion: Do not eat, drink or smoke in work area. Wash hands before eating or smoking

General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.

9. Physical and Chemical Properties

Form	Flowable viscous Liquid
Odour	Characteristic
Odour threshold	Not Determined
Colour	Pink
pH value neat	6.5 – 7.5
Melting point (°C)	NA
Boiling point (°C)	No Data Available
Flash point (°C)	NA
Flammability	Not Applicable
Lower explosion limit	No Data Available
Upper explosion limit	No Data Available

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Autoignition	No Data Available
Vapour pressure mmHg (@ 20 °C)	NA
Density	1.03
Relative density (Water = 1) (60°C)	NA
Relative Vapour density (Air = 1)	NA
Partitioning coefficient n-octanol/water (log Pow)	No Data Available
Thermal decomposition	No Data Available
Viscosity, Kinematic (cSt @100 °C)	1783 cp
Particle size	Not Applicable
Solubility in water	Soluble
Evaporation rate	No Data Available
Other Information	Not Applicable

10. Stability and Reactivity

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: None known.

Incompatible materials: None known.

Hazardous decomposition products: Decomposition products may include the following materials:

Carbon oxides
Nitrogen oxides (NOx)
Sulfur oxides
Oxides of phosphorus

11. Toxicological Information

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes : Causes serious eye irritation.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact : Redness, Pain, Irritation

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

Toxicity Product

Acute oral toxicity : None known
Acute inhalation toxicity : No data available
Acute dermal toxicity : None known
Skin corrosion/irritation : No data available
Serious eye damage/eye irritation: No data available
Respiratory or skin sensitization: No data available
Carcinogenicity : No data available
Reproductive effects : No data available
Germ cell mutagenicity : No data available
Teratogenicity : No data available
STOT-single exposure : No data available
STOT-repeated exposure : No data available
Aspiration toxicity : No data available

12. Ecological Information

Ecotoxicity: This product is not expected to cause significant effects in the aquatic environment.
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
Other adverse effects: No data available

13. Disposal Consideration

Product Waste

Do not dump into any sewers, on the ground, or into any body of water.
All disposal methods must be in compliance with Federal, State/Provincial, and local regulations.

Packaging Waste

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

14. Transport Information

In accordance with ICAO/IATA/IMDG/DOT

UN Number: Not regulated for transport

UN Proper Shipping Name: Not regulated for transport

Transport by Sea: Not regulated for transport

Air Transport: Not regulated for transport

15. Regulatory Information

The product is not classified as dangerous to environment or health, as the hazardous substance in encapsulated in the product.

15.1 Other EU regulations: Employment restrictions concerning young person must be observed. Use only by technically qualified individuals.

Other National regulations: Not applicable

15.2 Labelling according to EU Directives: The product is not classified as dangerous according to EU Dangerous Preparations Directive (DPD) 1999/45/EC and hence does not require a hazard warning label. However, the normal safety precautions for handling of chemicals must be observed.

Code letter and hazard designation (symbol) of product:

H phrases: Not known

National requirements in India

The Factories Act, 1948

The Motor Vehicles Act, 1988

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16. Other Information

This safety data sheet has been prepared in accordance with GHS standard format.

16.1 GHS classification: The GHS calculation method has been used for classification of this mixture.

16.2. Full text of H-Statements referred to under Sections 3:

The risk phrases shown below are for the component substances which are listed in section 3 and not for the actual finished formulation.

H phrases: H302:Acute toxicity , oral:Category 4

H315:Skin corrosion category 2

H319:Serious eye damage.

H400:Hazardous to aquatic environment,acute hazard

H410: Hazardous to aquatic environment,long term hazard

Please note that, when diluted to the recommended working concentration with water, the working fluid will not be classified as hazardous to health.

Training advice: The product does not require any special training before use. Usage and handling instructions are mentioned in the Material Safety Data Sheet

16.3. Date of preparation : 01/11/2020

16.4. Revision No. : 0

16.5. Reason for revision : Revised the SDS according to GHS Hazard communication

The information provided on 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 guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as 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 material or in any process, unless specified in the text.