

Registered office: Pirojshanagar, Eastern Express Highway, Vikhroli, Mumbai 400 079, India.
Phone: (91-22) 2518 8010 / 2518 8020 / 2518 8030 extn: 4768 Fax: (91-22) 2518 8096 / 2518 8068
Printing date 08/05/2015 e-mail: rv.dubhashi@godrejinds.com Reviewed on 08/05/2015

1 Identification

- **Trade name:** Ginol 1218
- **CAS Number:**
67762-25-8
- **EC number:**
267-006-5
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
Chemical industry: used in synthesis
Cleaning/washing agents and disinfectants
Use as a Surface-active agents, in cosmetics & as an Intermediates.
- **Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:** Godrej Industries Ltd.
Plot No 3, Village Kanerao, Taluka Valia , District Bharuch, Gujarat,
India, Pin: 393135
 - **Information department:**
Mr. Hemant Sawant hemant.sawant@godrejinds.com
T: 91-2643 270756 / 57 / 58 / 59 / 60 Office hours only (08.30 – 17.00 hours GMT +4.5
hours) F: 91-2643 270018
 - **Emergency telephone number:**
Contact details of importer
Emergency telephone number:
9909028240, 9820607143,
9820305315 Telephone number of
importer: Opening hours:
Other Comments (e.g. language(s) of the phone service): English

2 Hazard(s) identification

- **Classification of the substance or mixture**



Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**

- **GHS label elements**

The substance is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS07

- **Signal word** Warning

- **Hazard statements**

Causes skin irritation.
Causes serious eye irritation.

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· **Precautionary statements**

Wear protective gloves.

Wear eye protection / face protection.

Wash thoroughly after handling.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If on skin: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 0

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 1

Fire = 0

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Substances**

· **CAS No. Description**

67762-25-8 Alcohols, C12-18

· **Identification number(s)**

· **EC number:** 267-006-5

· **Additional information:** Synonyms : Lauryl Myristyl Alcohol

4 First-aid measures

· **Description of first aid measures**

· **General information:**

Take off contaminated clothing and shoes immediately. Call a physician immediately.

· **After inhalation:**

Immediately remove victim to fresh air. If victim has stopped breathing give artificial respiration, preferably by mouth to mouth. Get medical attention immediately.

· **After skin contact:**

wash contaminated areas with plenty of soap and water. Wash contaminated clothing before reuse. Seek medical attention if a rash or irritation develops.

· **After eye contact:**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Do not let victim rub eyes. Get medical attention.

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· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

· **Information for doctor:** Treat symptomatically and supportively.

· **Most important symptoms and effects, both acute and delayed**

Skin: Causes Skin irritation

*Eye: Causes serious eye irritation*Contd. of page 2)

· **Indication of any immediate medical attention and special treatment needed**

Immediate medical attention is required.

Treat symptomatically

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:** Water Spray, Foam, Carbon dioxide, Dry Chemical .

· **Special hazards arising from the substance or mixture**

No further relevant information available.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Wear suitable protective clothing and gloves.

· **Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**

Add dry material to absorb spill (if large spill, dike to contain).

Pick up spilled material and containerize for recovery or disposal.

Flush area with water to remove residues.

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:

· **Precautions for safe handling** Avoid contact with eyes and skin. Ensure adequate ventilation.

· **Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Store in sealed original container.

· **Information about storage in one common storage facility:**

Keep containers tightly closed in a cool, dry and well ventilated place.

· **Further information about storage conditions:** Store away from heat.(Contd. on page 4)

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· **Specific end use(s)**

Chemical industry: used in synthesis

Cleaning/washing agents and disinfectants

Use as a Surface-active agents, in cosmetics & as an Intermediates.

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8 Exposure controls/personal protection

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
Not required.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Breathing equipment:**
Wear breathing apparatus when working in an area of high vapour concentration.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves** Rubber gloves
- **Eye protection:**



Tightly sealed goggles

- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Liquid
Color:	Colorless
Odor:	Fatty Alcohol Odor

- **Change in condition**

Melting point/Melting range: 18 to 28 °C (64 to 82 °F)

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Boiling point/Boiling range: 255-340 °C (491-644 °F)	
· Flash point:	140 °C (284 °F) (closed cup)
· Flammability (solid, gaseous):	Product is not flammable.
· Danger of explosion:	Product does not present an explosion hazard.
· Density:	0.9 (Relative density)
· Solubility in / Miscibility with Water at 23 °C (73 °F):	<1 or 1-1.3 mg/l
· Viscosity:	
· Dynamic:	Not determined.
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** May react violently with oxidizers
- **Chemical stability** Stable under storage conditions.
- **Possibility of hazardous reactions** Hazardous polymerization does not occur.
- **Conditions to avoid**
Pressure, shock, static discharge or vibration does NOT result in a hazardous condition.
- **Incompatible materials:** Oxidizers, inorganic acids and halogens.
- **Hazardous decomposition products:** Carbon dioxide and carbon monoxide.

11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

· **Primary irritant effect:**

· **on the skin:**

Species: rabbit

Method: Directive 84/449/EEC, B.4 "Acute toxicity (skin irritation)"

Result: irritating

· **on the eye:**

Species: rabbit

Method: OECD Guide-line 405 "Acute Eye Irritation/Corrosion"

Result: slightly irritating

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)** Substance is not listed.

· **NTP (National Toxicology Program)** Substance is not listed.

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· **OSHA-Ca (Occupational Safety & Health Administration) Substance is not listed.**

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

EC0(30-min.)	9950 mg/L (<i>Pseudomonas putida</i>)
EC50(48-h)	320 mg/L (<i>Daphnia magna</i>)
EC50(96-h)	676 mg/L (<i>Scenedesmus subspicatus</i> (Algae))
LC50(48-h)	>5000 mg/l (<i>Leuciscus idus</i> (Fish, fresh water))

· **Persistence and degradability**

Type: aerobic

Inoculum: other: sewage treatment plant effluent/biological stage

Concentration: 2 mg/l

Degradation: 79 – 56 % after 28 day

Method: Directive 84/449/EEC, C.6 "Biotic degradation – closed bottle test"

Result: readily biodegradable

· **Behavior in environmental systems:**

· **Bioaccumulative potential**

Species: other: activated sludge

Exposure period: 5 day

Concentration: 50 µg/l

BCF: = 1300

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **Results of PBT and vPvB assessment** Not PBT or vPvB

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

Consult an accredited waste disposal contractor or the local authority for advice.

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**

· **Recommendation:**

Completely empty the packaging prior to decontamination

Incineration or sanitary landfill in accordance with local, state, and federal regulations. Contd. on page 7)

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14 Transport information

<ul style="list-style-type: none"> · UN-Number · DOT, ADR, ADN, IMDG, IATA 	Not Applicable
<ul style="list-style-type: none"> · UN proper shipping name · DOT, ADN, IMDG, IATA · ADR 	Not Applicable Void
<ul style="list-style-type: none"> · Transport hazard class(es) · DOT, ADR, ADN, IMDG, IATA · Class 	Not Applicable
<ul style="list-style-type: none"> · Packing group · DOT, ADR, IMDG, IATA 	Not Applicable
<ul style="list-style-type: none"> · Environmental hazards: 	Not applicable.
<ul style="list-style-type: none"> · Special precautions for user 	Not applicable.
<ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	Not applicable.
<ul style="list-style-type: none"> · UN "Model Regulation": 	Not Applicable

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):** Substance is not listed.
- **Section 313 (Specific toxic chemical listings):** Substance is not listed.
- **TSCA (Toxic Substances Control Act):** Substance is listed.
- **Proposition 65**
- **Chemicals known to cause cancer:** Substance is not listed.
- **Chemicals known to cause reproductive toxicity for females:** Substance is not listed.
- **Chemicals known to cause reproductive toxicity for males:** Substance is not listed.
- **Chemicals known to cause developmental toxicity:** Substance is not listed.
- **Carcinogenic categories**
- **EPA (Environmental Protection Agency)** Substance is not listed.
- **TLV (Threshold Limit Value established by ACGIH)** Substance is not listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)** Substance is not listed.
- **GHS label elements**
The substance is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



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- **Signal word** Warning
- **Hazard statements**
 - Causes skin irritation.
 - Causes serious eye irritation.
- **Precautionary statements**
 - Wear protective gloves.
 - Wear eye protection / face protection.
 - Wash thoroughly after handling.
 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - Specific treatment (see on this label).
 - If skin irritation occurs: Get medical advice/attention.
 - If eye irritation persists: Get medical advice/attention.
 - If on skin: Wash with plenty of water.
 - Take off contaminated clothing and wash it before reuse.
- **National regulations:**
- **Other regulations, limitations and prohibitive regulations**
 - EU (EINECS) – Listed Canada
 - DSL/NDSL – Listed China-
 - NEPA (IECSC) – Listed
 - Japan-MITI – Listed
 - Philippines-PICCS – Listed
 - New Zealand (NZIoC) – Listed
 - Australia-AICS – Listed
- **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Product safety department.
- **Contact:**
 - E-mail: ar.singh@godrejinds.com
 - Telephone : 91-22-25188010 / 20 / 30
 - Fax No. : 91-22-251880 96 / 68
- **Date of preparation / last revision** 08/05/2015 / -
- **Abbreviations and acronyms:**
 - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 - IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
 - ICAO: International Civil Aviation Organisation
 - ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
 - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - NFPA: National Fire Protection Association (USA)
 - HMIS: Hazardous Materials Identification System (USA)

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LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

• **Sources**

- Data from IUCLID Data Set

h t t p : / / w w w . e x p u b . c o m / M e m b e r s / DocumentViewer.aspx?key=6021638&pc=172281D091B640f39AAA7AD75B2E04C6&st=

- Data from Chemical Associates, Inc.

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• * **Data compared to the previous version altered.**

- Section 1: Identification of the substance /preparation & of the company/ undertaking
- Section 3: Composition/Information on ingredients.
- Section 4: First-aid measures.
- Section 5: Fire-fighting measures
- Section 6: Accidental Release measures
- Section 7: Handling and storage.
- Section 8: Exposure Controls/Personal protection.
- Section 9: Physical and Chemical properties.
- Section 10: Stability and Reactivity.
- Section 11: Toxicological Information.
- Section 12: Ecological Information.
- Section 13: Disposal consideration.
- Section 14: Transport information
- Section 15: Regulatory information
- Section 16: Other information.