



Safety Data Sheet according to (EC) No 1907/2006 as amended

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SDS No. : 684335

V001.2

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Replaces version from: 01.04.2020

Jeyes Fresh Hands

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Jeyes Fresh Hands

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use:

Cleansers

1.3. Details of the supplier of the safety data sheet

Henkel Ltd.

Wood Lane End, Hemel Hempstead

HP2 4RQ Hertfordshire

Phone: +44 (0) 1442 278000

consumer.response@henkel.com

1.4. Emergency telephone number

Henkel Hemel Hempstead: +44 1442 278000 / 0845 490 0176 (Monday to Friday from 9.00 to 17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Flam. Liq. 3

H226 Flammable liquid and vapor.

Eye Irrit. 2

H319 Causes serious eye irritation.

2.2. Label elements

Label elements (CLP):

Hazard pictogram:



Signal word:

Warning

Hazard statement:

H226 Flammable liquid and vapor.

H319 Causes serious eye irritation.

Precautionary statement:

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P280 Wear eye protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with national regulation.

2.3. Other hazards

None if used properly.
Avoid contact with irritated skin or a wound.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

| Hazardous substances CAS-No. | EINECS | REACH-Reg No. | Content | Classification |
|---------------------------------|-----------|------------------|---------------|---|
| Ethanol 64-17-5 | 200-578-6 | 01-2119457610-43 | >= 50- < 70 % | Serious eye irritation 2 H319 Flammable liquids 2 H225 |

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of adverse health effects seek medical advice.

Inhalation:

Move to fresh air. In case of breathing difficulties seek immediate medical advice.

Skin contact:

Rinse with water. Take off all clothing contaminated by the product.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:

Do not induce vomiting, seek medical advice immediately.
Rinse mouth with water, (only if the person is conscious).

4.2. Most important symptoms and effects, both acute and delayed

After inhalation: Irritation of the respiratory tract, coughing. Inhalation of larger amounts may cause laryngospasm with shortness of breath.

After skin contact: Temporary irritation of the skin (redness, swelling, burning).

After eye contact: Moderate to strong irritation of the eyes (redness, swelling, burning, watering eyes).

After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting. Vomit may get into the lungs causing damage (aspiration).

4.3. Indication of any immediate medical attention and special treatment needed

After inhalation: No special action.
After skin contact: No special action.
After eye contact: No special action.
After ingestion: Do not induce vomiting. Single administration of a non-carbonated beverage (water or tea).
After ingestion: In case of ingestion of larger or unknown quantities administer a defoamer (Dimeticon or Simeticon).

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media:
Water spray jet (if possible, avoid full jet). Adapt the fire-fighting measures to the environmental conditions.
Commercially available extinguishers are suitable for fighting incipient fires.

Extinguishing media which must not be used for safety reasons:

None

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products can be formed by pyrolysis and/or carbon monoxide.

5.3. Advice for firefighters

Cool the packaging with spray water from a protected area. Remove products unaffected by fire from the hazardous area.
Use personal protective equipment and self-contained breathing apparatus.

Additional information:

The product intensifies fire

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

If large amounts are released contact the fire service.
Keep away from sources of ignition and naked flames.
Ensure adequate ventilation.
Danger of slipping on spilled product.
Avoid contact with skin and eyes.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Remove mechanically. Rinse away residue with plenty of water.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Do not open by force or throw into fire even after use.
Do not spray against flames or glowing bodies. Keep away from sources of ignition - no smoking.

Hygiene measures:

Protective equipment only required in case of industrial use or for large packs (not for household packs)
Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water, skin care.

7.2. Conditions for safe storage, including any incompatibilities

Store dry at between +5 and +40°C.
Ensure that storage and workrooms are adequately ventilated.
Keep away from heat and direct sunlight.
Consider national regulations.

7.3. Specific end use(s)

Cleansers

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for
Great Britain

| Ingredient [Regulated substance] | ppm | mg/m ³ | Value type | Short term exposure limit category / Remarks | Remarks |
|----------------------------------|-------|-------------------|------------------------------|--|----------|
| ETHANOL 64-17-5 | 1.000 | 1.920 | Time Weighted Average (TWA): | | EH40 WEL |

8.2. Exposure controls

Respiratory protection:
Not needed.

Hand protection:

For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:

Wear tight fitting goggles.

Skin protection:

Protective clothing against chemicals. Observe manufacturer's instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture.

| | |
|---|--|
| a) Appearance | liquid clear, viscous colourless |
| b) Odor | neutral |
| c) Odour threshold | No data available / Not applicable |
| d) pH (20 °C (68 °F); Conc.: 100 % product; Solvent: None) | 6 |
| e) Melting point | No data available / Not applicable |
| f) Initial boiling point and boiling range | No data available / Not applicable |
| g) Flash point | 25 °C (77 °F); Supplier method |
| h) Evaporation rate | No data available / Not applicable |
| i) Flammability (solid , gas) | No data available / Not applicable |
| j) Upper / lower flammability or explosive limits | No data available / Not applicable |
| k) Vapour pressure | No data available / Not applicable |
| l) Vapor density | No data available / Not applicable |
| m) Relative density Density (20 °C (68 °F)) | 0,9 g/cm ³ |
| n) Solubility (ies) | Not applicable |
| o) Partition coefficient: n-octanol/water | No data available / Not applicable |
| p) Auto-ignition temperature | No data available / Not applicable |

| | |
|------------------------------|------------------------------------|
| q) Decomposition temperature | No data available / Not applicable |
| r) Viscosity () | 3.200 mPa.s |
| s) Explosive properties | No data available / Not applicable |
| t) Oxidising properties | No data available / Not applicable |

9.2. Other information

Not applicable

SECTION 10: Stability and reactivity**10.1. Reactivity**

None if used for intended purpose.

10.2. Chemical stability

Stable under normal conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Avoid open flames and sources of ignition.

Keep away from heat and direct sunlight.

Avoid heating.

10.5. Incompatible materials

None if used properly.

10.6. Hazardous decomposition products

No decomposition if used according to specifications.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Species | Method |
|---------------------------------|---------------|--------------|---------|--|
| Ethanol 64-17-5 | LD50 | 10.470 mg/kg | rat | OECD Guideline 401 (Acute Oral Toxicity) |

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Species | Method |
|---------------------------------|---------------|---------------|---------|--|
| Ethanol 64-17-5 | LD50 | > 2.000 mg/kg | rabbit | OECD Guideline 402 (Acute Dermal Toxicity) |

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Test atmosphere | Exposure time | Species | Method |
|------------------------------|------------|------------|-----------------|---------------|---------|--|
| Ethanol 64-17-5 | LC50 | 124,7 mg/l | vapour | 4 h | rat | OECD Guideline 403 (Acute Inhalation Toxicity) |

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Exposure time | Species | Method |
|------------------------------|----------------|---------------|---------|--|
| Ethanol 64-17-5 | not irritating | | rabbit | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Exposure time | Species | Method |
|------------------------------|------------|---------------|---------|---|
| Ethanol 64-17-5 | irritating | | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Test type | Species | Method |
|------------------------------|-----------------|------------------------------------|------------|---|
| Ethanol 64-17-5 | not sensitising | Guinea pig maximisation test | guinea pig | OECD Guideline 406 (Skin Sensitisation) |
| Ethanol 64-17-5 | not sensitising | Mouse local lymphnode assay (LLNA) | mouse | OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay) |

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Type of study / Route of administration | Metabolic activation / Exposure time | Species | Method |
|------------------------------|----------|--|--------------------------------------|---------|---|
| Ethanol 64-17-5 | negative | bacterial reverse mutation assay (e.g Ames test) | | | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |
| Ethanol 64-17-5 | negative | in vitro mammalian chromosome aberration test | without | | OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) |
| Ethanol 64-17-5 | negative | mammalian cell gene mutation assay | with and without | | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) |
| Ethanol 64-17-5 | negative | | | | OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test) |

Carcinogenicity

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous components CAS-No. | Result | Route of application | Exposure time / Frequency of treatment | Species | Sex | Method |
|------------------------------|------------------|----------------------|--|---------|-----|------------------|
| Ethanol 64-17-5 | not carcinogenic | | | | | Expert judgement |

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result / Value | Test type | Route of application | Species | Method |
|---------------------------------|----------------------|----------------------------|-------------------------|---------|--|
| Ethanol 64-17-5 | NOAEL P 13.800 mg/kg | Two generation study | oral: unspecified | mouse | OECD Guideline 416 (Two- Generation Reproduction Toxicity Study) |

STOT-single exposure:

No data available.

STOT-repeated exposure::

No data available.

Aspiration hazard:

No data available.

SECTION 12: Ecological information**12.1. Toxicity****Toxicity (Fish):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|---------------------------------|---------------|-------------|---------------|---------------------|--|
| Ethanol 64-17-5 | LC50 | 14.200 mg/l | 96 h | Pimephales promelas | EPA-660 (Methods for Acute Toxicity Tests with Fish, Macroinvertebrates and Amphibians) |
| Ethanol 64-17-5 | NOEC | 250 mg/l | 120 h | Danio rerio | OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages) |

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|---------------------------------|---------------|------------|---------------|--------------------|------------------|
| Ethanol 64-17-5 | EC50 | 5.012 mg/l | 48 h | Ceriodaphnia dubia | other guideline: |

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|---------------------------------|---------------|----------|---------------|---------------|---------------|
| Ethanol 64-17-5 | NOEC | 9,6 mg/l | 9 d | Daphnia magna | not specified |

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|---------------------------------|---------------|-----------|---------------|--------------------|--|
| Ethanol 64-17-5 | EC50 | 275 mg/l | 72 h | Chlorella vulgaris | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Ethanol 64-17-5 | EC10 | 11,5 mg/l | 72 h | Chlorella vulgaris | OECD Guideline 201 (Alga, Growth Inhibition Test) |

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|---------------------------------|---------------|--------------|---------------|------------------|--|
| Ethanol 64-17-5 | IC50 | > 1.000 mg/l | 3 h | activated sludge | OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) |

12.2. Persistence and degradability

| Hazardous substances CAS-No. | Result | Test type | Degradability | Exposure time | Method |
|---------------------------------|-----------------------|-----------|---------------|------------------|---|
| Ethanol 64-17-5 | readily biodegradable | aerobic | 80 - 85 % | 30 d | OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test) |

12.3. Bioaccumulative potential

Does not bioaccumulate.

No substance data available.

12.4. Mobility in soil

| Hazardous substances CAS-No. | LogPow | Temperature | Method |
|---------------------------------|--------|-------------|---------------|
| Ethanol 64-17-5 | -0,35 | 24 °C | not specified |

12.5. Results of PBT and vPvB assessment

| Hazardous substances CAS-No. | PBT / vPvB |
|---------------------------------|---|
| Ethanol 64-17-5 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |

12.6. Other adverse effects

Other adverse effects of this product for the environment are not known to us.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:

Only completely empty containers are to be disposed of as recoverable materials.

SECTION 14: Transport information**14.1. UN number**

| | |
|------|------|
| ADR | 1170 |
| RID | 1170 |
| ADN | 1170 |
| IMDG | 1170 |
| IATA | 1170 |

14.2. UN proper shipping name

| | |
|------|------------------|
| ADR | ETHANOL SOLUTION |
| RID | ETHANOL SOLUTION |
| ADN | ETHANOL SOLUTION |
| IMDG | ETHANOL SOLUTION |
| IATA | Ethanol solution |

14.3. Transport hazard class(es)

| | |
|------|---|
| ADR | 3 |
| RID | 3 |
| ADN | 3 |
| IMDG | 3 |
| IATA | 3 |

14.4. Packing group

| | |
|------|-----|
| ADR | III |
| RID | III |
| ADN | III |
| IMDG | III |
| IATA | III |

14.5. Environmental hazards

| | |
|------|----------------|
| ADR | not applicable |
| RID | not applicable |
| ADN | not applicable |
| IMDG | not applicable |
| IATA | not applicable |

14.6. Special precautions for user

| | |
|------|-------------------------------------|
| ADR | not applicable Tunnelcode: (D/E) |
| RID | not applicable |
| ADN | not applicable |
| IMDG | not applicable |
| IATA | not applicable |

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

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

The preparation does not contain any ingredients to be labelled according to this regulation.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.

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.

This Safety Data Sheet contains changes from the previous version in Section(s):

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