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1. Identification of substance, company:

- 1.1. Identification of substance: **HAND ORANGE CLEANER - R 78455**
 1.2. Application of the substance/the preparation: Hand soap
 1.3. Identification of manufacturer/Supplier:
 RETECH, s.r.o.
 Vackova 1541/4
 150 00 Praha-5 Stodůlky
 Telephone/Fax: +420 327 596 128, +420 596 428
 Information: info@retech.cz
 1.4. Telephone number for RETECH Suchdol 212, Suchdol u Kutné Hory
 extraordinary situations: Tel.+420 327 596 128 (7.30-16.00 hour)
 Toxicology information number, Na bojišti 1, 128 08 PRAHA 2
 Tel. +420 224 919 293, +420 224 915 402 (24 hours a day)

2. Hazard identification:

- 3.1. Hazard designation:
 The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 2.2. Information pertaining to particular dangers for man and environment:
 Product is not dangerous for man and environment.
 2.3. Additional information:
 Void

3. Composition/information on ingredients:

- 3.1. Description:
 Mixture of the substances listed below with harmless additions.
 3.2. Dangerous components:

Chemical name	Contents(%)	Number CAS	Number ES	Cautionary symbol	R sentences
Coconut Diethanolamide	1-5	68603-42-9	271-657-0	Xi	R 38-41
Sodium Hydroxide	<1	1310-73-2	215-185-5	C	R 35
Fatty alcohol ethoxylate	5-10	68131-39-5	500-195-7	Xn, N	R 22-36/38-50
Trideceth-5	1-5	24938-91-8		Xi	R 36/38

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First aid measures:

- 4.1. After inhalation: Not special measures required.
 4.2. After skin contact: It is not irritant to skin.
 4.3. After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
 4.4. After swallowing: Rinse mouth; Do not induce vomiting; Drink plenty of water; Consult a physician.
 4.5. General information: -

5. Fire fighting measures:

- 5.1. Suitable extinguishing agents: This material is not flammable. Use extinguishing agents appropriate for surrounding fire.
 5.2. For safety reasons unsuitable extinguishing agents: Void
 5.3. Protective equipment: Void
 5.4. Additional information: Void

6. Accidental release measures:

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- 6.1. Person-related safety precautions:
Not special measures required.
- 6.2. Measures for environmental protection:
Not special measures required.
- 6.3. Measures for cleaning/collecting:
Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.
- 6.4. Additional information: -

7. Handling and storage:

- 7.1. Handling:
Information for safe handling: Not special measures required.
Information about protection against explosions and fires: Not special measures required.
- 7.2. Storage:
Requirements to be met by storerooms and containers: Keep in cool, dry, ventilated storage and closed containers. Keep in original container.
Information about storage in one common storage facility: -
Further information about storage conditions: Prevent freezing

8. Exposure controls and personal protection:

- 8.1. Additional information about design of technical system:
No further data; see item 7.
- 8.2. Validate parameter:
Components with limit values that require monitoring at the workplace:
1310-73-2 Sodium Hydroxide
OES Short-term value: -
Long-term value: 2mg/m³
- 8.3. Personal protective equipment:
Eye protection: Wear approved chemical safety goggles where eye exposure is reasonably probable.
Breathing equipment: Not required
Protection of hands: Not required
Protection of skin: -
- 8.4. General protective and hygienic measures: The usual precautionary measures should be adhered to in handling the chemicals.

9. Physical and chemical properties:

- Form: Liquid
Colour: Orange
Odour: Orange
- 9.1. pH value: -
Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined
Flash point: Not determined
Inflammability (strength, gas form): -
Self-inflammability: Product is not self igniting.
Danger of explosion: Product is not explosive.
Explosion limits: lower (% Vol): -
upper (% Vol): -
Oxidative properties: -
Vapour pressure (at 20°C): Not determined
Density at 20 °C: Not determined
Solubility in/Miscibility with
- water Soluble in water
- 9.2. Other information: -

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10. Stability and reactivity:

- 10.1. Thermal decomposition / conditions to be avoided: Avoid excessive heat for prolonged periods of time.
 10.3. Dangerous reactions: No dangerous reaction known.
 10.4. Dangerous products of decomposition: Fire creates: Carbon monoxide (CO), Carbon dioxide (CO₂)
 10.5. Additional information: -

11. Toxicological information:

- 11.1. Acute toxicity: Void
 11.2. Primary irritant effect:
 on the skin: No irritant effect.
 on the eye: Irritation to eyes.
 Sensitization: No sensitizing effects known.
 Additional toxicological information: If swallowed it may cause gastrointestinal symptoms, including upset stomach.

12. Ecological information:

Water hazard class 1 (Self-assessment): slightly hazardous for water.
 Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13. Disposal considerations:

- 13.1. Product: Disposal must be made according to official regulations.
 13.2. Uncleaned packagings: Disposal must be made according to official regulations.

14. Transport information:

- 14.1. Land transport: Not classified
 ADR/RID-GGVS/E class: -
 14.2. Maritime transport: Not classified
 IMDG-class: -
 14.3. Air transport: Not classified

15. Regulatory information:

- 15.1. Labelling according to law line:
 The product has been labeled in accordance with EC Directives / relevant national laws.
 Danger of determining components and mark to labelling:
 Safety data sheet available for professional user on request.

Labelling hazardousness: Product is not classified as a hazardous.

Numbers and word reading associated hazard R-sentences : Not classified

Numbers and word reading associated security S-sentences:

S 2 Keep out of reach of children.

S 46 If swallowed, seek medical advice immediately and show this container or label.

- 15.2. Used legislation:

European Regulation (EC) No 1907/2006 – REACH

European Regulation No 67/548EEC and 1999/45/EC

16. Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relative R-phrases:

R 22 Harmful if swallowed.

R 35 Causes severe burns.

R 38 Irritating to skin.

Safety Data Sheet
According to 1907/2006 EEC (REACH), Article 31

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R 36/38 Irritating to eyes and skin.
R 41 Risk of serious damage to eyes.
R 50 Very toxic to aquatic organisms.