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

1.1. Product identifier

Product form : Mixture  
Product name : HYDROALCOHOLIC SURFACE CLEANER WYNN'S SANI SAFE 550 ML  
Product code : 43161  
Type of product : Cleaner  
Product group : Trade product  
Other means of identification : UFI: SKHU-833Q-100T-AUNQ

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

1.2.1. Relevant identified uses

Intended for general public  
Use of the substance/mixture : Cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

KRAFFT S.L.U.  
Ctra. Urnieta s/n  
20140 Andoain - España  
T +34 943 410 400 - F +34 943 410 440  
mads@krafft.es

1.4. Emergency telephone number

Emergency number : INT:+34 915 620 420  
CIAV:+351 800 250 250  
ES: Servicio de Información Toxicológica - PT: Centro de Informação Antivenenos

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

- Flammable liquids, Category 3  
  H226
- Serious eye damage/eye irritation, Category 2  
  H319

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :  

Signal word (CLP) : Warning
Hazard statements (CLP) :  
  H226 - Flammable liquid and vapour.  
  H319 - Causes serious eye irritation.
Precautionary statements (CLP):

- P101 - If medical advice is needed, have product container or label at hand.
- P102 - Keep out of reach of children.
- P103 - Read label before use.
- P210 - Keep away from hot surfaces, heat, sparks, open flames. No smoking.
- P280 - Wear eye protection, protective gloves.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 - Dispose of contents and container to an approved waste disposal plant.

Extra phrases:

- Do not ingest.

Child-resistant fastening:

- Not applicable

Tactile warning:

- Not applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethanol; ethyl alcohol</td>
<td>(CAS-No.) 64-17-5</td>
<td>≥ 80</td>
<td>Flam. Liq. 2, H225 Eye Irrit. 2, H319</td>
</tr>
<tr>
<td></td>
<td>(EC-No.) 200-578-6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC Index-No.) 603-002-00-5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119457610-43</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specific concentration limits:

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>Specific concentration limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethanol; ethyl alcohol</td>
<td>(CAS-No.) 64-17-5</td>
<td>( 50 ≤ C &lt; 100) Eye Irrit. 2, H319</td>
</tr>
<tr>
<td></td>
<td>(EC-No.) 200-578-6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC Index-No.) 603-002-00-5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119457610-43</td>
<td></td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general:

- Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation:

- Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact:

- Take off immediately all contaminated clothing. Rinse skin with water/shower.

First-aid measures after eye contact:

- Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion:

- Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects after eye contact:

- Causes serious eye irritation.

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

No additional information available
SECTION 5: Firefighting measures

5.1. Extinguishing media


Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Flammable liquid and vapour.

Explosion hazard: May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed: Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools.

Hygiene measures: Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment.

Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Keep container tightly closed.

Incompatible products: Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)
No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ethanol; ethyl alcohol (64-17-5)
Germany - Occupational Exposure Limits (TRGS 900)

<table>
<thead>
<tr>
<th>TRGS 900 Local name</th>
<th>Ethanol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupational exposure limit value (mg/m³)</td>
<td>960 mg/m³</td>
</tr>
<tr>
<td>Occupational exposure limit value (ppm)</td>
<td>500 ppm</td>
</tr>
<tr>
<td>TRGS 900 Remark</td>
<td>DFG,Y</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Personal protective equipment:
Avoid all unnecessary exposure.

Hand protection:
Wear protective gloves.

Eye protection:
Chemical goggles or safety glasses

Respiratory protection:
Wear appropriate mask

Other information:
Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Transparent.</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless.</td>
</tr>
<tr>
<td>Odour</td>
<td>alcohol odour.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>≈ 8,4</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>≈ 23 °C</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Flammable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>≈ 0,88</td>
</tr>
</tbody>
</table>
Relative density: No data available
Solubility: No data available
Partition coefficient n-octanol/water (Log Pow): No data available
Viscosity, kinematic: < 20.5 mm²/s
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidising properties: No data available
Explosive limits: No data available

9.2. Other information
VOC content: 85 %

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid

10.5. Incompatible materials
Strong acids. Strong bases.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity (oral): Not classified
Acute toxicity (dermal): Not classified
Acute toxicity (inhalation): Not classified

ethanol; ethyl alcohol (64-17-5)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>6200 – 15000 mg/kg</td>
</tr>
<tr>
<td>LD50 oral</td>
<td>10470 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal</td>
<td>15800 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>&gt; 50 mg/m³</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified
pH: ≈ 8,4

Additional information: Based on available data, the classification criteria are not met

Serious eye damage/irritation: Causes serious eye irritation.
pH: ≈ 8,4

Respiratory or skin sensitisation: Not classified

Additional information: Based on available data, the classification criteria are not met

Germ cell mutagenicity: Not classified
Additional information: Based on available data, the classification criteria are not met.

Carcinogenicity:
- Not classified

Additional information: Based on available data, the classification criteria are not met.

Reproductive toxicity:
- Not classified

Additional information: Based on available data, the classification criteria are not met.

STOT-single exposure:
- Not classified

Additional information: Based on available data, the classification criteria are not met.

STOT-repeated exposure:
- Not classified

Additional information: Based on available data, the classification criteria are not met.

Aspiration hazard:
- Not classified

Additional information: Based on available data, the classification criteria are not met.

**Viscosity, kinematic**: < 20.5 mm²/s

**Potential adverse human health effects and symptoms**: Based on available data, the classification criteria are not met.

---

**SECTION 12: Ecological information**

**12.1. Toxicity**

- Hazardous to the aquatic environment, short-term (acute): Not classified
- Hazardous to the aquatic environment, long-term (chronic): Not classified

**ethanol; ethyl alcohol (64-17-5)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>11200 mg/l</td>
</tr>
<tr>
<td>ErC50 (algae)</td>
<td>275 mg/l</td>
</tr>
</tbody>
</table>

**12.2. Persistence and degradability**

**Persistence and degradability**: Not established.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential**: Not established.

**12.4. Mobility in soil**

No additional information available.

**12.5. Results of PBT and vPvB assessment**

No additional information available.

**12.6. Other adverse effects**

Additional information: Avoid release to the environment.
SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Additional information: Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN 1993</td>
<td>UN 1993</td>
<td>UN 1993</td>
<td>UN 1993</td>
<td>UN 1993</td>
</tr>
</tbody>
</table>

14.1. UN number

14.2. UN proper shipping name

- FLAMMABLE LIQUID, N.O.S.
- FLAMMABLE LIQUID, N.O.S.
- Flammable liquid, n.o.s.
- FLAMMABLE LIQUID, N.O.S.
- FLAMMABLE LIQUID, N.O.S.

14.3. Transport hazard class(es)

- 3
- 3
- 3
- 3
- 3

14.4. Packing group

- III
- III
- III
- III
- III

14.5. Environmental hazards

- Dangerous for the environment: No
- Dangerous for the environment: No
- Dangerous for the environment: No
- Dangerous for the environment: No
- Dangerous for the environment: No

No supplementary information available

14.6. Special precautions for user

Overland transport

- Classification code (ADR): F1
- Special provisions (ADR): 274, 601
- Limited quantities (ADR): 5l
- Excepted quantities (ADR): E1
- Packing instructions (ADR): P001, IBC03, LP01, R001
- Mixed packing provisions (ADR): MP19
- Portable tank and bulk container instructions (ADR): T4
- Portable tank and bulk container special provisions (ADR): TP1, TP29
- Tank code (ADR): LGBF
- Vehicle for tank carriage: FL
HYDROALCOHOLIC SURFACE CLEANER WYNN'S SANI SAFE 550 ML
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| Transport category (ADR) | : 3 |
| Special provisions for carriage - Packages (ADR) | : V12 |
| Special provisions for carriage - Operation (ADR) | : S2 |
| Hazard identification number (Kemler No.) | : 30 |
| Orange plates | : 30 |
| Tunnel restriction code (ADR) | : D/E |
| EAC code | : 3YE |
| **Transport by sea** |
| Special provisions (IMDG) | : 223, 274, 955 |
| Limited quantities (IMDG) | : 5 L |
| Excepted quantities (IMDG) | : E1 |
| Packing instructions (IMDG) | : LP01, P001 |
| IBC packing instructions (IMDG) | : IBC03 |
| Tank instructions (IMDG) | : T4 |
| Tank special provisions (IMDG) | : TP1, TP29 |
| EmS-No. (Fire) | : F-E |
| EmS-No. (Spillage) | : S-E |
| Stowage category (IMDG) | : A |
| **Air transport** |
| PCA Excepted quantities (IATA) | : E1 |
| PCA Limited quantities (IATA) | : Y344 |
| PCA limited quantity max net quantity (IATA) | : 10L |
| PCA packing instructions (IATA) | : 355 |
| PCA max net quantity (IATA) | : 60L |
| CAO packing instructions (IATA) | : 366 |
| CAO max net quantity (IATA) | : 220L |
| Special provisions (IATA) | : A3 |
| ERG code (IATA) | : 3L |
| **Inland waterway transport** |
| Classification code (ADN) | : F1 |
| Special provisions (ADN) | : 274, 601 |
| Limited quantities (ADN) | : 5 L |
| Excepted quantities (ADN) | : E1 |
| Equipment required (ADN) | : PP, EX, A |
| Ventilation (ADN) | : VE01 |
| Number of blue cones/lights (ADN) | : 0 |
| **Rail transport** |
| Classification code (RID) | : F1 |
| Special provisions (RID) | : 274, 601 |
| Limited quantities (RID) | : 5L |
| Excepted quantities (RID) | : E1 |
| Packing instructions (RID) | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (RID) | : MP19 |
| Portable tank and bulk container instructions (RID) | : T4 |
| Portable tank and bulk container special provisions (RID) | : TP1, TP29 |
| Tank codes for RID tanks (RID) | : LGBF |
| Transport category (RID) | : 3 |
| Special provisions for carriage – Packages (RID) | : W12 |
| Coils express (express parcels) (RID) | : CE4 |
| Hazard identification number (RID) | : 30 |

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

Not applicable
HYDROALCOHOLIC SURFACE CLEANER WYNN'S SANI SAFE 550 ML
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

VOC content : 85 %

15.1.2. National regulations
Germany
Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)
Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

SECTION 16: Other information


Other information : None.

Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>H- or EUH-Statement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>Flam. Liq. 2</td>
<td>Flammable liquids, Category 2</td>
</tr>
<tr>
<td>H225</td>
<td>Highly flammable liquid and vapour.</td>
</tr>
<tr>
<td>H226</td>
<td>Flammable liquid and vapour.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
</tbody>
</table>

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq. 3</td>
<td>H226</td>
</tr>
<tr>
<td>Eye Irrit. 2</td>
<td>H319</td>
</tr>
</tbody>
</table>

On basis of test data
Calculation method

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.