

SAFETY DATA SHEET

LG HYC

Version:6




Review date: 20/07/2021

RE EC/2016-918 - CLP 1272/2008

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1. 1. Preparation name: LG HYC
1. 1. 1. Contains:
 - propan-2-ol; isopropyl alcohol; isopropanol
 - Sodium N-Lauroylsarcosinate
 - Sel de sodium de l'acide éthylènediaminetétracétique
1. 1. 2. Product code nr: MT061 - MT561
1. 1. 3. Other means of identification: UFI : D750-C0Q6-2008-HVRC
1. 2. Details of the supplier of the safety data sheet: SELD
6 rue Jules Guesde – ZI du Pontet
F-69360 Saint Symphorien d'Ozon
France
Phone: +33 (0)4 37 25 16 16
Fax: +33 (0)4 78 21 80 70
E-mail: contact@seld-production.com
1. 3. Emergency telephone number: Emergency phone number (to be used by the practising doctor):
UK - National Poisons Information Service Phone: 44 / 191 22 5131
1. 4. Relevant identified uses of the substance or mixture and uses advised against: Washing glasses Liquid Hyper-concentrated

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture:
 - * Eye Dam. 1 / GHS05 - H318 *
 - * Flam. Liq. 3 / GHS02 - H226 *
 - * STOT SE 3 / GHS07 - H336 *
2. 2. Label elements:
-   
- Danger
2. 2. 1. Symbol(s) and signal word: .
2. 2. 2. Contains:
 - propan-2-ol; isopropyl alcohol; isopropanol
 - Sodium N-Lauroylsarcosinate
 - Sel de sodium de l'acide éthylènediaminetétracétique
2. 2. 3. Hazard statement: H226 Flammable liquid and vapour.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.
2. 2. 4. Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof [electrical / ventilating / lighting / ...] equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P273 Avoid release to the environment.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P261 Avoid breathing dust / fume / gas / mist / vapours / spray.
P271 Use only outdoors or in a well-ventilated area.
2. 2. 5. Response: P303 IF ON SKIN (or hair):
P361 Take off immediately all contaminated clothing.
P353 Rinse skin with water / shower.
P370 In case of fire:
P378 Use ????? to extinguish.
P305 IF IN EYES:
P351 Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.

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| 2. 2. 6. Storage: | P310a Immediately call a POISON CENTER / doctor. P304 IF INHALED: P340 Remove person to fresh air and keep comfortable for breathing. P312a Call a POISON CENTER / doctor if you feel unwell. P403 Store in a well-ventilated place. P235 Keep cool. P233 Keep container tightly closed. P405 Store locked up. |
| 2. 2. 7. Disposal: | P501a Dispose of contents / container in accordance with local / regional / national / international regulation |
| 2. 3. Other hazards: | none |

3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Component(s) contributing to the health hazard:

- propan-2-ol; isopropyl alcohol; isopropanol
- Id nr: 603-117-00-0 - CE nr: 200-661-7 - CAS nr: 67-63-0
- REACH registration number : 01-2119457558-25-XXXX
- Conc. (weight %) : Conc. (% pds) : % 15 < C <= 20
- GHS (Globally Harmonized System)
* GHS02 * Liq. infl. 2 - H225
* GHS07 * STOT un. 3. - H336 * Irr. oc. 2 - H319
- Miscellaneous :
LD50 / Dermal / Rabbit = 13900 mg/kg
LD50 / Oral / Rat = 5840 mg/kg
LC50 / 24h / Shellfishes = 9714 mg/l
LC50 / 96h / Fish = 9640 mg/l
LC50 / Inhalation (vapours) / 6h / Rat = >25000 mg/l
Exposure limit values
T.L.V. ppm = 250 - T.L.V. mg/m³ = 650
- Sodium N-Lauroylsarcosinate
- CE nr: 205-281-5 - CAS nr: 137-16-6
- Conc. (weight %) : Conc. (% pds) : % 5 < C <= 10
- GHS (Globally Harmonized System)
* GHS05 * Lés. oc. 1 - H318
- Sel de sodium de l'acide éthylènediaminetétracétique
- CE nr: 200-573-9 - CAS nr: .64-02-8
- REACH registration number : 01-2119486762-27-0001 / 01-2119486762-27-0002
- Conc. (weight %) : Conc. (% pds) : % 1 < C <= 5
- GHS (Globally Harmonized System)
* GHS07 * Tox. aiguë 4 - H302 - H332 * Irr. cut. 2 - H315
* GHS05 * Lés. oc. 1 - H318
- Miscellaneous :
LD50 / Ingestion / Rat = >1.78-<2 mg/kg
LD50 / Dermal / Rabbit = > 5 mg/kg
LC50 / Inhalation (dust / mist) / 4h / Rat = 4.14 mg/l
- Parfum fraise
- Conc. (weight %) : Conc. (% pds) : % 1 < C <= 5
- GHS (Globally Harmonized System)
* GHS07 * Tox. aiguë 4 - H302 - H312 - H332

The wording of the sentences are mentioned at heading 16.

4. FIRST AID MEASURES

4. 1. Description of first aid measures:

4. 1. 1. General advice: Never give anything by mouth to an unconscious person.
In all cases of doubt, or when symptoms persist, seek medical attention.

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| | For symptom description, see item 11. |
| 4. 1. 2. Inhalation: | Take victim to fresh air, in a quiet place and if necessary take medical advice. |
| 4. 1. 3. Skin contact: | - Take off immediately all contaminated clothing. - Wash off with soap and plenty of water. - If skin irritation persists, take medical advice. |
| 4. 1. 4. Eye contact: | Rinse immediately with plenty of water, also under eyelids, taking contact lenses off. If eye irritation persists, take medical advice. |
| 4. 1. 5. Ingestion: | If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. |
| 4. 2. Most important symptoms and effects, both acute and delayed: | Health injuries are not known or expected under normal use. |
| 4. 2. 1. Inhalation: | Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, breathing arrest. |
| 4. 2. 2. Skin contact: | No skin irritation. |
| 4. 2. 3. Eyes contact: | No eye irritation. |
| 4. 2. 4. Ingestion: | May cause headache and dizziness |
| 4. 3. Indication of any immediate medical attention and special treatment needed : | In all cases of doubt, or when symptoms persist, seek medical attention. |

5. FIREFIGHTING MEASURES

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| 5. 1. Extinguishing media: | foam, carbon dioxide (CO ₂), powder |
| 5. 2. Special hazards arising from the substance or mixture: | Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide |
| 5. 3. Advice for firefighters: | Use a self-contained breathing apparatus and also a protective suit. |
| 5. 4. Specific method(s): | Cool closed containers exposed to fire with water spray. |
| 5. 5. Extinguishing media which must NOT be used for safety reasons: | Do not use water jet. |

6. ACCIDENTAL RELEASE MEASURES

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| 6. 1. Personal precautions, protective equipment and emergency procedures: | Ensure adequate ventilation. Concerning personal protective equipment to use, see item 8. |
| 6. 2. Environmental precautions: | Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). |
| 6. 3. Methods and material for containment and cleaning up: | Soak up with absorbent material (for example sand, saw dust, neutral absorbent granule, silica gel). Clean preferably with a detergent - Avoid the use of solvents. |
| 6. 4. Reference to other sections: | Concerning disposal elimination after cleaning, see item 13. |

7. HANDLING AND STORAGE

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| 7. 1. Handling: | |
| 7. 1. 1. Precautions for safe handling: | Do not eat, drink and do not smoke in areas where product is used. Wear personal protective equipment (see item 8). |
| 7. 1. 2. Technical condition(s): | Not necessary with sufficient ventilation. |

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7. 2. Storage:

7. 2. 1. Conditions for safe storage, including any incompatibilities: Keep out of the reach of children. Store in a place accessible by authorised persons only.
7. 2. 2. Storage condition(s): Keep container in a well ventilated place.
7. 2. 3. Packaging / tank material: made of the same material as the supply container.
7. 3. Specific end use(s): None under normal use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8. 1. Control parameters:

8. 1. 1. Exposure limit(s): • propan-2-ol; isopropyl alcohol; isopropanol :
T.L.V. ppm = 250 - T.L.V. mg/m³ = 650

No data available.

8. 2. Exposure controls:

8. 2. 1. Eye protection: Eye protection designed to protect against exposure to dusts should be worn when there is a likelihood of exposure.
8. 2. 2. Respiratory protection: Not necessary with sufficient ventilation.
8. 2. 3. Hand protection: When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. nitrile rubber gloves
8. 2. 4. Skin and body protection: Wear suitable protective clothing
8. 3. Environmental exposure controls: ????
8. 4. Hygiene measure(s): Do not eat, drink, or smoke during work.
Keep away from food, drink and animal feed.

9. PHYSICAL AND CHEMICAL PROPERTIES

9. 1. Information on basic physical and chemical properties:

9. 1. 1. Physical state: liquid
9. 1. 2. Colour: yellow
9. 1. 3. Odour: .
9. 1. 4. Melting point / freezing point: No data available.
9. 1. 5. Boiling point or initial boiling point and boiling range: No data available.
9. 1. 6. Flammability: No data available.
9. 1. 7. Lower and upper explosion limit: No data available.
9. 1. 8. Flash point: 27°C
9. 1. 9. Auto-ignition temperature: No data available.
9. 1. 10. Decomposition temperature: No data available.
9. 1. 11. PH: 8
9. 1. 12. Solubility: No data available.
9. 1. 13. Water solubility: completely miscible
9. 1. 14. Fat solubility: Not applicable.
9. 1. 15. Solvent solubility: soluble in most organic solvents

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| 9. 1. 16. Partition coefficient n-octanol/water (log value): | No data available. |
| 9. 1. 17. Vapour pressure: | No data available. |
| 9. 1. 18. Relative vapour density: | No data available. |
| 9. 1. 19. Density and/or relative density: | 1.02 |
| 9. 1. 20. Particle characteristics: | No data available. |
| 9. 1. 21. Kinematic viscosity: | Not determined. |
| 9. 2. Other information: | |

10. STABILITY AND REACTIVITY

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| 10. 1. Reactivity: | No decomposition if stored normally. |
| 10. 2. Chemical stability: | Stable in use and storage conditions as recommended in item 7. |
| 10. 3. Possibility of hazardous reactions: | None under normal use. |
| 10. 4. Conditions to avoid: | None reasonably foreseeable. |
| 10. 5. Incompatible materials: | None |
| 10. 6. Hazardous decomposition products: | Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide and nitrogen oxides (NOx). |

11. TOXICOLOGICAL INFORMATION

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| 11. 1. Information on hazard classes as defined in Regulation (EC) No 1272/2008: | This product contains no known hazardous substance for the health. |
| 11. 1. 1. Inhalation: | Not classified |
| 11. 1. 2. Skin contact: | No skin irritation. |
| 11. 1. 3. Eyes contact: | No eye irritation. |
| 11. 1. 4. Ingestion: | Not classified |

12. ECOLOGICAL INFORMATION

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| 12. 1. Toxicity: | Ecological problems are not known or expected under normal use. |
| 12. 2. Persistence and degradability: | Readily biodegradable. |
| 12. 3. Bioaccumulative potential: | None bioaccumulation. |
| 12. 4. Mobility in soil: | The substance is a UVCB. The standard tests are not adapted for this parameter. |
| 12. 5. Results of PBT and vPvB assessment: | This product is not a substance PBT or vPvB, or it does not contain. |
| 12. 6. Endocrine disrupting properties: | No data available. |
| 12. 7. Other adverse effects: | No expected harmful effects. |

13. DISPOSAL CONSIDERATIONS

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| 13. 1. Waste treatment methods: | Collect all waste in suitable and labelled containers and dispose according to local legislation. Do not dispose of waste into sewer. |
| 13. 2. Contaminated packaging: | This container is uitsluitend bedoeld only to this product. Empty containers can be dumped according to local legislation. |

14. TRANSPORT INFORMATION

- | | |
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| 14. 1. UN number or ID number: | 1993 |
| 14. 2. Land (Road / Railway: ADR/RID): | |
| 14. 2. 1. Transport hazard class(es): | 3 |
| 14. 2. 2. Packing group: | III |
| 14. 2. 3. ADR/RID-Labels: | 3 |
| 14. 2. 4. Code danger: | 30 |
| 14. 2. 5. Classification code: | F1 |
| 14. 2. 6. Packing instructions: | P001, IBC03, LP01, R001 |
| 14. 3. Sea (IMDG): | |
| 14. 3. 1. Class: | 3 |
| 14. 3. 2. Packaging group: | III |
| 14. 4. Air (ICAO/IATA): | |
| 14. 4. 1. ICAO/IATA class: | 3 |
| 14. 4. 2. Packing group: | III |
| 14. 5. Environmental hazards: | There is no data available on the product itself. |
| 14. 6. Special precautions for user: | Concerning personal protective equipment to use, see item 8. |
| 14. 7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not applicable. |
| 14. 8. Maritime transport in bulk according to IMO instruments: | Not applicable. |

15. REGULATORY INFORMATION

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| 15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture: | Payment (EC) n°1272/2008 [relating to classification, labelling and with packing of the substances and the mixtures. and amendments with this payment Regulation EC 648/2004 relating to the detergents Contains less than 5%: non-ionic surface active agents, EDTA et 5% or more, but less than 15% anionic surfactant. |
| 15. 2. Chemical safety assessment: | Not applicable. |

16. OTHER INFORMATION

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|---|---|
| 16. 1. Text of the phrases listed in section 3: | H318 Causes serious eye damage. H302 Harmful if swallowed. H312 Harmful in contact with skin. H332 Harmful if inhaled. H225 Highly flammable liquid and vapour. H336 May cause drowsiness or dizziness. H319 Causes serious eye irritation. H315 Causes skin irritation. |
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| 16. 2. Important remarks: | Information in this safety data sheet is based on actual knowledge in our possession and our experience. It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users. No liability will be accepted (except as otherwise provided by law) arising out of the use of information supplied in this data sheet. |
| 16. 3. Restrictions: | This information relates to the specific material designated and may not be valid in combination with other product(s). |
| 16. 4. History: | |
| 16. 4. 1. First edition date: | 19/11/2007 |
| 16. 4. 2. Previous revision date: | 24/02/2015 |
| 16. 4. 3. Review date: | 20/07/2021 |
| 16. 4. 4. Version: | 6 |
| 16. 4. 5. Review chapter(s) n°: | 1-2-14 |
| 16. 5. Written by: | SELD |