

MATERIAL SAFETY DATA SHEET



INUTEC SL1

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1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Trade Name:** INUTEC SL1
- **Code:** 888-INUSL11
- **Recommended Use:** Cosmetic
- **Supplier:** SETHIC
68 Boulevard du Port Royal, 75005 Paris, FRANCE
TEL : +33 (1) 73 79 28 04 / +33 (1) 77 72 94 92
www.sethic.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

- **INCI Name:** Glycerin, Inulin Lauryl Carbamate
- **CHINA INCI (2010):** YES / YES
- **CHINA IECIC (2014):** YES / YES
- **CAS#:** 56-81-5 / 478483-27-1
- **EINECS#:** 200-289-5 / -

3. HAZARDS IDENTIFICATION

- **Classification of the substance or mixture:**
 - **Classification according to Regulation EC No 1272/2008:** Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008
 - **Classification according to Directive 67/548/EEC-1999/45/EC:** Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC
- **Label elements:** Labelling according to Regulation EC No 1272/2008 (CLP)
Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008
- **Other hazards:** No data available.

4. FIRST-AID MEASURES

- **General:** If you feel unwell, seek medical advice.
- **Ingestion:** Rinse mouth with water. Consult a doctor/medical service if you feel unwell.
- **Inhalation:** Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
- **Skin Contact:** Wipe off dry product from skin.
- **Eye Contact:** Rinse with water. Take victim to an ophthalmologist if irritation persists.

5. FIRE FIGHTING MEASURES

- **Extinguishing Media:**
 - **Suitable extinguishing media:** Water spray. Polyvalent foam. BC powder. Dry sand. Carbon dioxide.
 - **Unsuitable extinguishing media:** No unsuitable extinguishing media known.
- **Hazardous thermal decomposition**

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- products:** Upon combustion: CO and CO₂ are formed.
- **Advice for firefighters:**
 - **Instructions:** No specific fire-fighting instructions required.
 - **Special protective equipment for fire-fighters:** Gloves. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions:**
 - **Protective equipment for non-emergency personnel:** See heading 8
 - **Protective equipment for emergency responders:** Gloves. Protective clothing.
- **Environmental precautions:** Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.
- **Methods and material for containment and cleaning up:** Take up liquid spill into absorbent material. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash and equipment after handling.

7. HANDLING AND STORAGE

- **Handling precautions:** Keep away from naked flames/heat. Finely divided: spark- and explosionproof appliances. Finely divided: keep away from ignition sources/sparks. Observe normal hygiene standards. Keep container tightly closed.
- **Storage conditions:**
 - **Safe storage requirements:** Store in a dry area. Store at room temperature. Meet the legal requirements. Max. storage time: 3 year(s).
 - **Keep away from:** Heat sources, oxidizing agents.
 - **Suitable packaging material:** Plastics.
 - **Non suitable packaging material:** No data available
- **Specific end use(s):** If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **PERSONAL PROTECTIVE EQUIPMENT:**
 - **Respiratory protection:** Respiratory protection not required in normal conditions.
 - **Hands protection:** Not required for normal conditions of use.
 - **Eyes protection:** Safety glasses.
 - **Skin protection:** Not required for normal conditions of use.
- **Control parameters:**
 - **Occupational exposure limit values:**
 - **The Netherlands:** Glycerol(nevel) Time-weighted average exposure limit 8 h

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- **Belgium:** 2.6 ppm 10 mg/m³ Private occupational exposure limit value; mist
- **France:** Glycérine (brouillard) Time-weighted average exposure limit 8 h 10 mg/m³
Glycérine (aérosols de) Time-weighted average exposure limit 8 h 10 mg/m³
VL: Valeur non réglementaire indicative
- **UK:** Glycerol, mist Time-weighted average exposure limit 8 h
- **National biological limit values:** 10 mg/m³ Workplace exposure limit (EH40/2005)
- **Exposure controls:** If limit values are applicable and available these will be listed below.
 - **Appropriate engineering controls:** Keep away from naked flames/heat. Finely divided: spark- and explosionproof appliances. Finely divided: keep away from ignition sources/sparks. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.
 - **Individual protection measures, such as personal protective equipment:** Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical State:**
 - **Appearance:** Liquid
 - **Color:** Yellowish to brown
 - **Odor:** Characteristic
- **Odour threshold:** Not applicable
- **Particle size:** Not applicable (liquid)
- **Explosion limits:** No data available
- **Flammability:** Not easily combustible
- **Log Kow:** Not applicable (mixture)
- **Dynamic viscosity:** No data available
- **Kinematic viscosity:** No data available
- **Melting point:** No data available
- **Boiling point:** No data available
- **Flash point:** No data available
- **Evaporation rate:** No data available
- **Vapour pressure:** No data available
- **Relative vapour density:** No data available
- **Solubility:** water ; < 1 %
- **Relative density:** No data available
- **Decomposition temperature:** No data available
- **Auto-ignition temperature:** 320 °C
- **Explosive properties:** No chemical group associated with explosive properties.
- **Oxidising properties:** No chemical group associated with oxidising properties.
- **pH:** 5.5 – 8.5 (50% w/w solution in water)
- **Minimum ignition energy:** 10 mJ

10. STABILITY AND REACTIVITY

- **Reactivity:** Heating increases the fire hazard.

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- **Chemical stability:** No data available.
- **Possibility of hazardous reactions:** No data available.
- **Conditions to avoid:** Keep away from naked flames/heat. Finely divided: spark- and explosionproof appliances. Finely divided: keep away from ignition sources/sparks.
- **Incompatible materials:** Oxidizing agents.
- **Hazardous decomposition products:** Upon combustion: CO and CO₂ are formed.

11. TOXICOLOGICAL INFORMATION

- **Acute oral toxicity:** Not classified for acute toxicity
 - **LD50 (rat)** >2000 mg/kg bw(OECD 401)
- **Corrosion/irritation:**
 - **Eye:** Not irritating OECD 405
 - **Skin:** Not irritating OECD 404
 - **respiratory system:** Not irritating
- **Sensitization:**
 - **Skin:** Not classified as sensitizing for skin
 - **inhalation** Not classified as sensitizing for inhalation
- **Specific target organ toxicity:** No (test) data on the mixture available
- **Mutagenicity (in vitro):** No (test) data on the mixture available.
- **Carcinogenicity:** No (test) data on the mixture available.
- **Reproductive toxicity:** No (test) data on the mixture available.

12. ECOLOGICAL INFORMATION

- **Acute toxicity:** Practically non-toxic to fishes (LC50 >100 mg/l)
Slightly harmful to invertebrates (Daphnia) (EC50 > 100 mg/l)
Not classified as dangerous for the environment according to the criteria of Directive 1999/45/EC
Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008
- **Persistence and degradability:** Contains non readily biodegradable component(s).
- **Bioaccumulative potential:** No straightforward conclusion can be drawn based upon the available numerical values.
- **Mobility in soil:** No (test) data on mobility of the components of the mixture available.
- **Results of PBT and vPvB assessment:** Due to insufficient data no statement can be made whether the component(s) fulfil(s) the criteria of PBT and vPvB according to Annex XIII of Regulation (EC) No 1907/2006.
- **Other adverse effects:**
 - **Global warming potential (GWP):** None of the known components is included in the list of substances which may contribute to the greenhouse effect (Regulation (EC) No 842/2006)
 - **Ozone-depleting potential (ODP):** Not classified as dangerous for the ozone layer (Regulation (EC) No. 1272/2008 and 1005/2009)

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13. DISPOSAL CONSIDERATIONS

- **Disposal of residues:** Waste material code (Directive 2008/98/EC, decision 2000/0532/EC).
07 06 (wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics).
07 06 99 (wastes not otherwise specified).
Depending on branch of industry and production process, also other EURL codes may be applicable.
Can be considered as non hazardous waste according to Directive 2008/98/EC.
- **Disposal methods:** Remove to an authorized waste treatment plant. Remove waste in accordance with local and/or national regulations.
- **Packaging/Container:** Waste material code packaging (Directive 2008/98/EC).
15 01 02 (plastic packaging).

14. TRANSPORT INFORMATION

- **Land-Road/Railway:** This product is not classified according to ADR/RID
- **Inland Waterways:** This product is not classified according to ADN
- **Sea:** This product is not classified according to IMDG
- **Air:** This product is not classified according to IATA

15. REGULATORY INFORMATION

- **European legislation:**
 - **The Netherlands:** LWCA (the Netherlands): KGA category 03.
Waterbezwaarlijkheid:11
 - **Germany:** TA-Luft Klasse 5.2.5
1; Classification water polluting based on tests in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)
- **Chemical safety assessment:** No chemical safety assessment is required.

16. OTHER INFORMATION

- **Information based on classification according to CLP.**
- **Labelling according to Directive 67/548/EEC-1999/45/EC (DSD/DPD).**
Not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC
(*) = INTERNAL CLASSIFICATION BY BIG
PBT-substances = persistent, bioaccumulative and toxic substances
DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

"The information provided in this MSDS is correct to the best of our knowledge, information and belief at the date of its publication and is, in our opinion consistent with the state of general scientific and technical knowledge at that date, but we cannot accept liability for a loss, injury or damage which may result from its use.

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