



Scheda di sicurezza UPD15 kit 1 - FL

SS81

Pag 1 of 6

data di emissione:13/01/24

revisione n°02

Section 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 Product identifier

Product code: UD.01FL

Product name: UPD15 KIT 1-FL

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

Relevant identified uses: Laboratory chemicals

Use restrictions: Reserved to professional technicians

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier:: CLONIT S.r.l.

Viale dell'Industria, 72

35129 PADOVA

phone 049 6453113

1.4 Emergency telephone numbers

+39-2-66101029 (Centro Antiveleni di Milano)

+39-51-333333 (Centro Antiveleni di Bologna)

+39-6-3054343 (Centro Antiveleni di Roma)

Section 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

This product is composed of different mixtures (see sect. 3)

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

Physical hazards None**Health hazards** None**Environmental hazards** None**Additional information** Not applicable

2.2 Label elements

Hazard pictograms None**Signal Word** None**Hazard Statements** Not applicable**Precautionary Statements** Not applicable**Response** Not applicable**Storage** Not applicable**Disposal** Not applicable

2.3 Other hazards

Not applicable

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is composed of:

– UPD15 MASTER MIX 1, UPD15 MASTER MIX 2

– ExperTaq polymerase

3.1 Mixtures

ExperTaq polymerase

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Sede Legale:

Via Varese, 20 - 20121 MILANO - Capitale sociale € 82.000,00 i.v.

COD. FISCALE e P.IVA 09014480157 – R.E.A. MI-1267649 – Registro Imprese Milano 09014480157

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Component	CAS No.	EINECS No.	Weight-%	REACH registration number	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glycerin 56-81-5 (40-70)	56-81-5	200-289-5	40-70	01-2119471987-18-XXXX	Not classified
Nonidet P40 Ethylphenolpoly(ethyleneglycoether) 9016-45-9 (<0.9)	9016-45-9	500-024-6	<0.9	-	Acute Tox. 4 – H302 Eye Dam. 1 – H318 Chronic Aquatic 2 – H411

All reagents contain no components classified as health hazards at specific concentrations.

Section 4. FIRST AID MEASURES

4.1 Description of first aid measures

- Skin contact** In case of contact, rinse skin with water. Immediate medical attention is not required.
- Eye contact** In case of contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Ingestion** Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
- Inhalation** Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
- Notes to Physician** Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

Not applicable.

4.3 Indication of any immediate medical attention and special treatment needed

None.

Section 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable extinguishing media No information available.

5.2 Hazards arising from the substance or mixture

No information available.

5.3 Protective equipment and indications for firefighters

Standard procedure for chemical fires.

5.4 Additional advice

No information available.

Section 6. ACCIDENTAL RELEASE PROCEDURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with the mixture. Ensure adequate ventilation. Always wear recommended personal protective equipment. Use personal protective equipment.

6.2 Environmental precautions

Prevent product from entering drains.

6.3 Methods and material for containment and decontamination

Soak up with inert absorbent material. Dispose according to sect. 13.

6.4 Reference to other sections

Follow instructions in sections 7, 8 and 13

Section 7. HANDLING AND STORAGE



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7.1 Precautions for safe handling

Advice on safe handling: normal industrial hygiene practices. Do not eat, drink or smoke in the working area. Wash hands after using the mixture. Change contaminated clothes before moving to eating areas. Use personal protective equipment if required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for warehouse and containers: no specific protective measures required. Store the product in its original container only. Keep the container tightly sealed. Ensure proper labelling. Store at -20° C.

7.3 Specific end use(s)

Use according to IFU.

Section 8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Chemical Name	EU OEL (TWA)	EU OEL (STEL)	EU Skin Notation
Glycerin 56-81-5	None	None	None
Nonidet P40 Ethylphenolpoly(ethyleneglycolether) 9016-45-9	None	None	None

Chemical Name	Austria	Belgium (TWA)	Czech Republic
Glycerin 56-81-5	None	10 mg/m ³	10 mg/m ³ TWA 15 mg/m ³ Ceiling
Nonidet P40 Ethylphenolpoly(ethyleneglycolether) 9016-45-9	None	None	None

Chemical Name	Denmark (TWA)	Finland OEL (TWA)	France OEL (VME)
Glycerin 56-81-5	None	None	10 mg/m ³
Nonidet P40 Ethylphenolpoly(ethyleneglycolether) 9016-45-9	None	None	None

Chemical Name	Germany OEL (TWA)	Ireland (TWA)	Italy OEL (TWA)
Glycerin 56-81-5	200 mg/m ³ exposure factor 2	None	None
Nonidet P40 Ethylphenolpoly(ethyleneglycolether) 9016-45-9	None	None	None

Chemical Name	Lithuania OEL (TWA)	Netherlands OEL (MAC)	Norway
Glycerin 56-81-5	None	None	None
Nonidet P40 Ethylphenolpoly(ethyleneglycolether) 9016-45-9	None	None	None

Chemical Name	Poland	Portugal	Spain OEL (TWA)
Glycerin 56-81-5	10 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³
Nonidet P40 Ethylphenolpoly(ethyleneglycolether) 9016-45-9	None	None	None

Chemical Name	Sweden - Occupational Exposure Limits - TLVs (LLVs)	Switzerland	United Kingdom
Glycerin 56-81-5	None	100 mg/m ³ STEL 50 mg/m ³ TWA	10 mg/m ³ TWA (mist)
Nonidet P40 Ethylphenolpoly(ethyleneglycolether) 9016-45-9	None	None	None



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8.2 Exposure control / Personal protection equipment

Respiratory protection	No protective equipment required under anticipated conditions of normal use.
Hand protection	Wear suitable gloves Glove material: Compatible chemical-resistant gloves.
Eye protection	Safety goggles
Skin and body protection	Wear suitable protective clothing.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice
Environmental exposure	Prevent product from entering drains. Do not allow material to contaminate ground water system.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid	
Odor	No data	
Odor threshold	No data	
Molecular Weight	No data	
pH	No data	
Melting point / melting range	°C No data	°F No data
Boiling point / boiling range	°C No data	°F No data
Flash point	°C No data	°F No data
Autoignition temperature	°C No data	°F No data
Decomposition temperature	°C No data	°F No data
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Upper explosion limit	No data	
Lower explosion limit	No data	
Vapor Pressure	No data	
Vapor density	No data	
Relative density	No data	
Solubility	No data	
Partition coefficient: n-octanol/water	No data	
Viscosity	No data	
Explosive properties	No data	
Oxidising properties	No data	

9.2 Other informations

No information available

Section 10. STABILITY AND REACTIVITY

10.1 Reactivity	None known.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Hazardous reactions has not been reported.
10.4 Conditions to avoid	No information available.
10.5 Incompatible material	No dangerous reaction known under conditions of normal use.
10.6 Hazardous decomposition products	No data available.

Section 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Glycerin	= 12600 mg/kg (Rat)	No data available	>570 mg/m ³ (Rat)
Nonidet P40 Ethylphenolpoly(ethyleneglycolether)	=1310 mg/kg (Rat) = 2590 mg/kg (Rat) = 1300 mg/kg (Rat) = 1410 µL/kg (Rat)	No data available	No data available



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Principal routes of exposure

Skin corrosion/irritation	Data are conclusive but insufficient for classification
Serious eye damage/irritation	Data are conclusive but insufficient for classification
Respiratory or skin sensitisation	Data are conclusive but insufficient for classification
Specific target organ toxicity (STOT) – single exposure	Data are conclusive but insufficient for classification
Specific target organ toxicity (STOT) – repeated exposure	Data are conclusive but insufficient for classification
Carcinogenicity	Data are conclusive but insufficient for classification
Germ cell mutagenicity	Data are conclusive but insufficient for classification
Reproductive toxicity	Data are conclusive but insufficient for classification
Aspiration hazard	Data are conclusive but insufficient for classification

Section 12. ECOLOGICAL INFORMATION
12.1 Ecotoxicity

Hazardous to the Aquatic Environment.

Chemical name	Toxicity to algae	Toxicity to daphnia and other aquatic invertebrates	Toxicity to fish	Microtox data	log Pow
Glycerin	No data available	Daphnia magna EC50 >500 mg/L (24h)	No data available	No data available	logPow-1.76
Nonidet P40 Ethylphenolpoly(ethyleneglycoether)	No data available	No data available	No data available	No data available	No data available

12.2 Persistence and degradability No information available

12.3 Bioaccumulative potential No information available

12.4 Results of PBT and vPvB No information available

12.5 Other adverse effects No information available

Section 13. DISPOSAL CONSIDERATIONS
13.1 Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in according to approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

Section 14. TRANSPORT INFORMATION

14.1 UN number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard classes	Not applicable
14.4 Packaging group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for users	Not applicable
14.7 Transport without packaging according to MARPOL 73/78 Annex II and IBC code	Not applicable

Section 15. REGULATORY INFORMATIONS
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

None.

Substances of Very High Concern

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Chemical Name	Weight-%	EU - REACH (1907/2006) - Article 59(1) - Candidate List of Substances for Eventual Inclusion in Annex XIV
Nonidet P40 Ethylphenolpoly(ethyleneglycoether)	<0.9	Reason for inclusion Endocrine disrupting properties, Article 57f - environment

Substance subject to authorisation under REACH Annex XIV

Chemical Name	Weight-%	Substances regulated per EU – REACH (1907/2006) – Annex XIV
Nonidet P40 Ethylphenolpoly(ethyleneglycoether)	<0.9	Intrinsic properties: Endocrine disrupting properties (Article 57f – environment) Application date: July 4, 2019 Sunset date: January 4, 2021 Exempted uses: None

Restricted substances under EC 1907/2006, Annex XVII

Chemical Name	Weight-%	EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances
Nonidet P40 Ethylphenolpoly(ethyleneglycoether)	<0.9	Use restricted. See item 45[b] Use restricted. See item 45a

Restricted substances under Regulation (EC) No. 689/2008, Annex V

None.

Restricted substances under Regulation (EC) No 850/2004 of the European Parliament and the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

None.

15.2 Chemical safety assessment

No Chemical safety assessment has been carried out.

Section 16. OTHER INFORMATION

According to data in our possession, the above information is correct. Please note that the information shall not be taken as exhaustive and must be regarded as purely indicative. Clonit s.r.l. shall not be held liable for any damage or losses resulting from handling or from contact with the product described therein. All materials and mixtures may present unknown hazards and should be used with caution. Unknown hazards not described in this document may arise from handling or from contact with the product.



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