

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 1 of 16

Trade name:	GRANNY STRUDEL 0 mg		
Product code:	Date of issue:	12/12/2017	Version number: 1

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

1.1.	Product identifiers	
	Trade name:	GRANNY STRUDEL 0 mg
	Chemical name:	-
	Catalogue number:	-
1.2.	Relevant identified uses of the substance or mixture and uses advised against	
	Use:	Liquids for filling and refill of e-cigarettes
	Uses advised against:	No data
	Reason not to use:	No data
1.3.	Details of the supplier of the safety data sheet	
	Company name:	ELDA d.o.o.
	Address:	Zrinskih 62, 35 400 Nova Gradiška, Croatia
	Telephone:	+385-35-361-361
	Telefax:	+385-35-362-362
	E-mail (competent person):	marina@elda.hr
	National contact	-
1.4.	Emergency telephone number	
	Emergency service telephone number:	112
	Medical information telephone number:	01-23-48-342
	Other data:	None

SECTION 2 HAZARDS IDENTIFICATION

2.1.	Classification of the substance of mixture	
2.1.1.	Classification according to Regulation (EC) No. 1272/2008 (CLP)	
	Hazard class and category code:	Hazard statement*:
	Not classified as hazardous	
2.1.2.	Classification according to Directive 1999/45/EC	
	Danger symbol:	Risk phrase*:
	Not classified as hazardous	
2.1.3.	Additional information	
	Classification is in accordance with current EU regulation. It is, however, supplemented by data from professional literature and that of the company.	
*The full text of R, H and EUH statements is provided in Section 16.		
2.2.	Label elements according to Directive 1999/45/EC or Regulation (EC) No. 1272/2008 CLP)	

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 2 of 16

Trade name:	GRANNY STRUDEL 0 mg			
Product code:	Date of issue:	12/12/2017	Version number:	1

Product identifiers:	GRANNY STRUDEL 0 mg
Identification number:	-
Authorisation number:	-
Hazard pictograms/symbols:	-
Signal word:	-
Hazard statements:	-
Precautionary statements:	P102 Keep out of the reach of children. P501 Dispose of contents/container in accordance with the Waste Act – deliver to authorised waste disposal company.
Additional hazards data:	-

2.3.	Other hazards
	Adhere to common precaution measures when handling chemicals

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CAS/EC/ Index number	Registration number according to REACH	Weight %	Name	Classification according to 1272/2008/EC (CLP)
57-55-6/ 200-338-0/ -	01- 2119456809- 23	30	Propylene glycol	-
56-81-5/ 200-289-5/ -	REACH Exemption (Annex V.)	70	Glycerol	-
-	-	20	Granny Strudel	-

SECTION 4 FIRST AID MEASURES

4.1.	Description of first aid measures
General remarks:	-
After inhalation:	In case of inhalation of large quantities, remove person to clean space and fresh air, calm them and enable to rest. In case that symptoms appear seek medical attention
After skin contact:	Remove contaminated clothing. Rinse affected area with running, lukewarm water for at least 10 minutes, in case of symptoms seek medical attention.

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 3 of 16

Trade name:	GRANNY STRUDEL 0 mg				
Product code:		Date of issue:	12/12/2017	Version number:	1

	After eye contact:	Wash hands, keep eyelids open with clean fingers and rinse the eye with running, lukewarm water for at least 10 minutes. If the affected has contact lenses, remove them during the rinsing if easily possible and continue rinsing. In case that symptoms appear seek medical attention.
	After swallowing:	Do not induce vomiting. If the affected is conscious, let them wash their mouth with water and spit out. Never put anything in the mouth of an unconscious person. Seek immediate medical attention and show this SDS, container or label.
	Personal protective equipment for first aid provider:	-
4.2.	Most important symptoms and effects, both acute and delayed	
	After inhalation:	In very sensitive persons and when inhaling large concentrations, vapour can induce coughing, headache, sore throat.
	After skin contact:	In very sensitive persons, the product can cause redness, dry skin, itching.
	After eye contact:	Can cause redness, tearing, tingling.
	After swallowing:	Can cause nausea, vomiting, stomach ache, diarrhoea.
4.3.	Indication of any immediate medical attention and special treatment needed	
	-	

SECTION 5 FIREFIGHTING MEASURES

5.1.	Extinguishing media	
	Suitable extinguishing media:	Dry chemical extinguisher, carbon dioxide, foam, water spray jet
	Unsuitable extinguishing media:	High power water jet. Can be used only for container cooling.
5.2.	Special hazards arising from the substance or mixture	
	Hazardous products of burning:	-
5.3.	Advice for firefighters	
	Firefighters should always use fire-resistant clothing (in accordance with HRN EN 469 norm) and self-contained open-circuit breathing apparatus with compressed air (HRN EN 137) in case of indoor fire. Remove closed containers from the fire zone and cool them with high power water jet.	
5.4.	Additional information	
	Prevent the spilled and firefighting water from contaminating water courses by fencing and covering the drains.	

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1.	Personal precautions, protective equipment and emergency procedures
------	--

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 4 of 16

Trade name:	GRANNY STRUDEL 0 mg			
Product code:	Date of issue:	12/12/2017	Version number:	1

6.1.1.	For non-emergency personnel	
	Protective equipment:	Use protective equipment in accordance with Section 8 of this document. Prevent skin and eye contact.
	Accident prevention procedures:	Ensure good ventilation.
	Procedures in case of accident:	In case of an accident, secure the location and evacuate any non-emergency personnel.
6.1.2.	For emergency personnel:	
	Personal protective equipment for firefighters in accordance with the provisions in Section 5 of this document. Personal protective equipment for other emergency personnel in accordance with the instructions in Section 8 of this document.	
6.2.	Environmental precautions:	
	Prevent the product from being released into the environment; if it does, prevent the product from reaching water courses, drainage systems and soil. In case of major contamination, notify the national emergency service – 112.	
6.3.	Methods and material for containment and cleaning up	
6.3.1.	For fencing, covering, plugging:	Adsorbent (sand, earth, diatomaceous earth, universal adsorbent).
6.3.2.	For cleaning up:	Wear protective equipment, cover the spilled material with inert adsorbent (sand, earth, diatomaceous earth, universal adsorbent), pick up mechanically (e.g. shovel) and dispose into an appropriate container to be handed over to a legal entity authorised by the ministry competent for environmental protection. Prevent waste water from being drained into water courses.
6.3.3.	Other data:	-
6.4.	References to other sections	
	See Section 7 for information on safe handling. See Section 8 for information on personal protective equipment. See Section 13 for information on disposal.	

SECTION 7 HANDLING AND STORAGE		
7.1.	Precautions for safe handling	
7.1.1.	Safety measures	
	Fire prevention measures:	Ensure good ventilation.
	Aerosol and dust prevention measures:	Adequate ventilation of rooms where the product is stored and handled. Containers must be tightly sealed in vertical position.

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 5 of 16

Trade name:	GRANNY STRUDEL 0 mg			
Product code:	Date of issue:	12/12/2017	Version number:	1

Environmental precautions:	Keep containers tightly sealed in vertical position when the product is not used. Prevent the product from being released into water courses, sewer and drainage systems by using dams and sand barriers and by covering drains with plastic foil.
7.1.2. Advice on general hygiene in the workplace	
	Eating, drinking and smoking during the use of the substance is forbidden. Wash hands after using the substance and at the end of the shift. Remove contaminated clothing and protective equipment before entering a room where food is consumed. Keep working apparel separate from other clothing. Keep out of the reach of children.
7.2. Conditions for safe storage, including any incompatibilities	
Technical measures and storage conditions	In a dry, cool and well ventilated room. Keep away from direct sunlight and heat sources. Containers must be tightly sealed and in vertical position. Ensure adequate ventilation of rooms where the product is stored and handled.
Container materials:	Original manufacturer's packaging
Requirements for storage space and containers:	Ensure good ventilation.
Advice on storage equipment:	-
Other data concerning storage conditions:	-
7.3. Specific end uses	
Recommendations:	-
Specific solutions for industry sector:	-

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION				
8.1. Control parameters				
Substance	CAS number	Exposure limit values (GVI/KGVI)		Biological limit values
		ppm	mg/m ³	
Propylene glycol	57-55-6	150/-	474 10/-	-
Glycerol	56-81-5	-/-	10/-	-
Substance name:	-			
EC number:	-	CAS number:	-	-
DNEL				

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 6 of 16

Trade name:	GRANNY STRUDEL 0 mg				
Product code:		Date of issue:	12/12/2017	Version number:	1

Industry				
Exposure type:	Acute local effects	Acute system effects	Long-term local effects	Long-term systemic effects
Oral	No data	No data	No data	No data
Inhalation	No data	No data	No data	No data
Dermal	No data	No data	No data	No data
Key physical parameters: solubility, flammability, corrosion:			-	
Consumers				
Exposure type:	Acute local effects	Acute systemic effects	Long-term local effects	Long-term systemic effects
Oral	No data	No data	No data	No data
Inhalation	No data	No data	No data	No data
Dermal	No data	No data	No data	No data
PNEC				
Protected environmental target		PNEC		
Fresh water		No data		
Fresh water sediments		No data		
Sea water		No data		
Sea sediments		No data		
Food chain		No data		
Wastewater treatment microorganisms		No data		
Soil (agricultural)		No data		
Air		No data		
8.2.	Exposure controls			
8.2.1.	Appropriate technical controls			
	Exposure prevention measures during recommended use:	Ensure good ventilation. Prevent skin and eye contact. No eating, drinking and smoking in the workspace. Wash hands thoroughly after every interruption of work. Do not inhale vapours:		
	Structural exposure prevention measures:	In accordance with Section 7.		
	Organisational exposure prevention measures:	In accordance with Section 7.		
	Technical exposure prevention measures:	Ensure adequate ventilation and/or extraction in the work environment.		
8.2.2.	Personal protection			

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 7 of 16

Trade name:	GRANNY STRUDEL 0 mg		
Product code:	Date of issue:	12/12/2017	Version number: 1

8.2.2.1.	Eye and face protection:	In case of risk from splashing/spilling wear protective goggles (HRN EN 166)
8.2.2.2.	Skin protection:	
	Hand protection:	Wearing protective gloves is recommended (HRN EN 374). Glove material is not provided for the product. Glycerol materials are provided as follows: natural rubber, neoprene, nitrile, PE/EVAL.
	Protection of other body parts:	Protective work clothing with long sleeves and full leg cover (HRN EN 340) and suitable closed footwear (HRN EN 13832).
8.2.2.3.	Respiratory protection:	Ensure good ventilation. Not needed in case of adequate natural air circulation. In case of vapours/hazes and/or exceeded GVI values, wear a half mask respirator (HRN EN 140) with the filter "A" (HRN EN 14387).
8.2.2.4.	Thermal hazards:	-
8.2.3.	Environment exposure controls	
	Substance/mixture exposure prevention measures:	In accordance with Section 6.
	Structural exposure prevention measures:	In accordance with Section 6.
	Organisational exposure prevention measures:	In accordance with Section 6.
	Technical exposure prevention measures:	-

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1.	Information on basic physical and chemical properties		
		Value	Method
	Physical state:	Liquid	
	Colour:	Colourless to dark brown	
	Odour (odour threshold):	Sweet/tobacco	
	pH	7.	
	Melting/freezing point:	No data	
	Initial boiling point and boiling range:	About 175°C	
	Flash point:	Not applicable	
	Evaporation rate:	No data	
	Flammability (solid matter, gas):	No data	

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 8 of 16

Trade name:	GRANNY STRUDEL 0 mg				
Product code:		Date of issue:	12/12/2017	Version number:	1

	Top/bottom flammability limit and explosive limits:	No data	
	Vapour pressure:	No data	
	Vapour density:	No data	
	Relative density:	No data	
	Density:	1.000 g/cm ³	
	Solubility in water:	No data	
	N-octanol/water partition coefficient	No data	
	Auto-ignition temperature:	No data	
	Decomposition temperature:	No data	
	Viscosity	No data	
	Explosive properties:	No data	
	Oxidising properties:	No data	
9.2.	Other information		
	-		

SECTION 10 STABILITY AND REACTIVITY		
10.1.	Reactivity:	Not reactive under prescribed storage and use conditions.
10.2.	Chemical stability:	Stable under prescribed storage and use conditions.
10.3.	Possibility of hazardous reactions:	-
10.4.	Conditions to avoid:	Heating
10.5.	Incompatible materials:	-
10.6.	Hazardous decomposition products:	-

SECTION 11 TOXICOLOGICAL INFORMATION					
11.1. Information on toxicological effects					
Acute toxicity:					
Route of application	Method	Species	LD ₅₀ /LC ₅₀ or ATE value	Exposure time	Result
Oral:	-	-	-	-	-
Skin contact:	-	-	-	-	-
Inhalation:	-	-	-	-	-

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 10 of 16

Trade name:	GRANNY STRUDEL 0 mg				
Product code:		Date of issue:	12/12/2017	Version number:	1

Sub-chronic by ingestion	No data	No data	No data	No data	No data	No data
Sub-chronic by skin	No data	No data	No data	No data	No data	No data
Sub-chronic by inhalation	No data	No data	No data	No data	No data	No data
Chronic by ingestion	No data	No data	No data	No data	No data	No data
Chronic by skin	No data	No data	No data	No data	No data	No data
Chronic by inhalation	No data	No data	No data	No data	No data	No data

Specific target organ toxicity – single exposure (STOTS):

	Specific effects	Exposed organ	Note
Sub-acute by ingestion	No data	No data	No data
Sub-acute by skin	No data	No data	No data
Sub-acute by inhalation	No data	No data	No data
Sub-chronic by ingestion	No data	No data	No data
Sub-chronic by skin	No data	No data	No data
Sub-chronic by inhalation	No data	No data	No data
Chronic by ingestion	No data	No data	No data
Chronic by skin	No data	No data	No data
Chronic by inhalation	No data	No data	No data

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity:	No data
Mutagenicity <i>in-vitro</i> :	No data
Genotoxicity:	No data
Mutagenicity <i>in-vivo</i> :	No data

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Trade name:	GRANNY STRUDEL 0 mg			
Product code:	Date of issue:	12/12/2017	Version number:	1

	Mutagenic effect on reproductive cells	No data
	Toxicity for reproductive organs:	No data
	Overall evaluation of CMR properties:	No data
11.2.	Practical experiences:	
	Observation relevant to classification:	No data
	Other observation:	No data
11.3.	General remarks:	
	-	

SECTION 12 ECOLOGICAL INFORMATION						
12.1. Toxicity						
Acute toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	-	-	-	-	-	-
Crustaceans	-	-	-	-	-	-
Algae/water plants	-	-	-	-	-	-
Other organisms	-	-	-	-	-	-
Long-term toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	-	-	-	-	-	-
Crustaceans (Daphnia)	-	-	-	-	-	-
Algae/water plants	-	-	-	-	-	-
Other organisms	-	-	-	-	-	-
12.2. Persistence and degradability						
Abiotic degradation						
	Half-life time	Method	Evaluation	Note		
Sea water	No data	No data	No data	No data	No data	
Fresh water	No data	No data	No data	No data	No data	
Air	No data	No data	No data	No data	No data	
Soil	No data	No data	No data	No data	No data	

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Trade name:	GRANNY STRUDEL 0 mg			
Product code:	Date of issue:	12/12/2017	Version number:	1

Biodegradation				
Biodegradation %	Time (days)	Method	Evaluation	Note
-	-	-	-	-

12.3. Bioaccumulative potential						
Partition coefficient octanol/water (log Pow)						
Value	Concentration	pH	°C	Method	Evaluation	Note
-	-	-	-	-	-	-

Bioconcentration factor (BCF)				
Value	Species	Method	Evaluation	Note
No data	No data	No data	No data	No data

Long-term ecotoxicity						
Value	Dose	Exposure time	Species	Method	Evaluation	Note
Long-term toxicity – fish	LC ₅₀	No data	No data	No data	No data	No data
Long-term toxicity – crustaceans (Daphnia)	EC ₅₀	No data	No data	No data	No data	No data

12.4. Mobility in soil					
Known or assumed distribution in environment					
-					
Surface tension:					
Value	°C	Concentration	Method	Note	
No data	No data	No data	No data	No data	

Adsorption/desorption					
Transport	A/D coefficient Henry's constant	log Pow	Volatility	Method	Note
Soil-water	No data	No data	No data	No data	No data
Water-air	No data	No data	No data	No data	No data
Soil-air	No data	No data	No data	No data	No data

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 13 of 16

Trade name:	GRANNY STRUDEL 0 mg		
Product code:	Date of issue:	12/12/2017	Version number: 1

12.5.	Results of PBT and vPvB assessment
	-

12.6.	Other adverse effects
	Prevent release into environment. Not classified as hazardous to environment.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1.	Waste treatment methods
--------------	--------------------------------

13.1.1.	Product/packaging disposal:
	Dispose of contents/container in accordance with the Waste Act – deliver to authorised waste disposal company.

13.1.2.	Waste key code:
	07 07 99 waste not otherwise specified

13.1.3.	Waste treatment methods:
	-

13.1.4.	Possibility of release into sewer system:
	Releasing into sewers, drainage systems or water courses is strictly forbidden.

13.1.5.	Other disposal recommendations:
	-

13.1.6.	Relevant regulations:
	Waste Act, Ordinance on Waste Types, Ordinance on Handling Packaging Waste, Regulation on Handling Hazardous Waste.

SECTION 14 TRANSPORT INFORMATION

	Road transport (ADR)
UN number:	Not classified as dangerous for transport.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 14 of 16

Trade name:	GRANNY STRUDEL 0 mg				
Product code:		Date of issue:	12/12/2017	Version number:	1

Environmental hazards:	-
Special precautions for user:	-
Railway transport (RID)	
UN number:	Not classified as dangerous for transport.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Inland waterways transport (ADN)	
UN number:	Not classified as dangerous for transport.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Sea transport (IMDG)	
UN number:	Not classified as dangerous for transport.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Air transport (ICAO-TI/IATA-DGR)	
UN number:	Not classified as dangerous for transport.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Additional information	
-	

SECTION 15 REGULATORY INFORMATION

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

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 15 of 16

Trade name:	GRANNY STRUDEL 0 mg		
Product code:	Date of issue:	12/12/2017	Version number: 1

	EU regulations
	Authorisations or restrictions
	Authorisations: No data
	Restrictions: No data
	Other EU regulations: EC No. 1272/2008, Regulation REACH, Directive 1999/45/EC
	Data (Directive 1999/13/EC) on the limitation of emissions of volatile organic compounds (VOC):
	National regulations: Chemicals Act, Ordinance on classification, labelling, marking and packaging of chemicals, Ordinance on limit values of occupational exposure to hazardous substances and on biological limit values, Regulation (EC) No. 1907/2006, Transportation Act, Waste Act, Ordinance on Waste Types, Ordinance on the handling of packaging waste, Regulation on the handling of dangerous waste.
15.2.	Chemical safety assessment
	-

SECTION 16 OTHER INFORMATION	
16.1.	Modifications: None
16.2.	Abbreviations: IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association ICAO: International Civil Aviation Organization GHS: Globally Harmonized System of Classification and Labelling of Chemicals LC50: Lethal concentration, 50 percent LD50: Lethal Dose, 50 percent
16.3.	Key literature and data sources: Safety data sheet from the supplier for nicotine, propylene glycol and glycerine according to which SDS was made for the mixture Totally Green of 20 February 2014, Regulation (EC) No. 1272/2008, Directive 1999/45/EC
16.4.	Classification and use of classification procedures for mixtures according to CLP
	Classification according to CLP
	Not classified as dangerous. -
16.5.	Corresponding R and H phrases (number and full text)
	R: -
	H: -
16.6.	Practice advice: No data
16.7.	Additional notification: This information is based on our current knowledge and refers to the delivered product. The data in this Safety Data Sheet describe the safety requirements and do not verify the properties of the product.

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 16 of 16

Trade name:	GRANNY STRUDEL 0 mg			
Product code:	Date of issue:	12/12/2017	Version number:	1

ANNEX: EXPOSURE SCENARIOS ACCORDING TO CHEMICAL SAFETY REPORT
-