

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 1 of 16

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

1.1. Product identifier

995(E) Release Agent (Bulk)

UFI: RTHS-YHAJ-V6M3-H2R0

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

Use of the substance/mixture

A highly effective, CFC-free release agent formulated for use in all mold applications ranging from sand core operations and investment casting to hard-to-release molding procedure with polyurethanes, rubber, filled thermoplastics and composites.

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name:	Chesterton International GmbH	
Street:	Am Lenzenfleck 23	
Place:	D-85737 Ismaning GERMANY	
Telephone:	+49 89 99 65 46 - 0	Telefax: +49 89 99 65 46 - 50
e-mail:	eu-sds@chesterton.com	
e-mail (Contact person):	eu-sds@chesterton.com	
Internet:	www.chesterton.com	
Responsible Department:	eu-sds@chesterton.com	

1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flam. Liq. 2; H225
Asp. Tox. 1; H304
Skin Irrit. 2; H315
STOT SE 3; H336
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics

Signal word: Danger

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 2 of 16

Pictograms:



Hazard statements

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P370+P378	In case of fire: Use foam to extinguish.
P391	Collect spillage.
P403+P235	Store in a well-ventilated place. Keep cool.

Special labelling of certain mixtures

EUH066	Repeated exposure may cause skin dryness or cracking.
--------	---

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 3 of 16

Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification (Regulation (EC) No 1272/2008)	
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	60 - < 65 %
	927-510-4	01-2119475515-33
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411	
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	20 - < 25 %
	919-857-5	01-2119463258-33
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304 EUH066	
102782-92-3	Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl methyl, dimethyl, methoxy-terminated	1 - < 5 %
	Skin Irrit. 2; H315	
556-67-2	octamethylcyclotetrasiloxane	< 1 %
	209-136-7	014-018-00-1
	01-2119529238-36	
	Repr. 2, Aquatic Chronic 1; H361f H410	

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
	927-510-4	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	60 - < 65 %
		inhalation: LC50 = > 23,3 mg/l (vapours); dermal: LD50 = > 2800 - 3100 mg/kg	
64742-48-9	919-857-5	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	20 - < 25 %
		inhalation: LC50 = > 4,96 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg	
556-67-2	209-136-7	octamethylcyclotetrasiloxane	< 1 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 4800 mg/kg Aquatic Chronic 1; H410: M=10	

Further Information

No information available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 4 of 16

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. In case of skin irritation, consult a physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Let 1 glass of water be drunk in little sips (dilution effect).

Do NOT induce vomiting.

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

Causes eye irritation. Causes skin irritation. Repeated exposure may cause skin dryness or cracking. Most important symptoms and effects, both acute and delayed: Headache, Dizziness, Pulmonary oedema. Vapours may cause drowsiness and dizziness.

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

- alcohol resistant foam
- Water spray jet
- Carbon dioxide (CO₂)
- Dry extinguishing powder

Unsuitable extinguishing media

- Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:

- Carbon monoxide
- Carbon dioxide
- Nitrogen oxides (NO_x)

5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.

In case of fire: Wear self-contained breathing apparatus.

Special protective equipment for firefighters: Protective clothing.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Dispose of waste according to applicable legislation.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 5 of 16

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

- Provide adequate ventilation.
- Safe handling: see section 7
- Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Cover drains.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

- Safe handling: see section 7
- Personal protection equipment: see section 8
- Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Personal protection equipment: see section 8

Advice on protection against fire and explosion

Vapours are heavier than air, spread along floors and form explosive mixtures with air.
Take precautionary measures against static discharges.
Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Advice on general occupational hygiene

Avoid contact with skin, eyes and clothes. Use protective skin cream before handling the product. Remove contaminated, saturated clothing immediately. When using do not eat, drink, smoke, sniff. Wash hands and face before breaks and after work and take a shower if necessary.

Further information on handling

Wash hands before breaks and after work. Only wear fitting, comfortable and clean protective clothing. Used working clothes should not be worn outside the work area. Street clothing should be stored separately from work clothing.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Keep/Store only in original container.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 6 of 16

Further information on storage conditions

Keep away from:

- Frost
- Heat
- Humidity

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 7 of 16

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
DNEL type				
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics			
Consumer DNEL, long-term		inhalation	systemic	447 mg/m ³
Consumer DNEL, long-term		dermal	systemic	149 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	149 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	2085 mg/m ³
Worker DNEL, long-term		dermal	systemic	300 mg/kg bw/day
64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics				
Consumer DNEL, long-term		inhalation	systemic	185 mg/m ³
Consumer DNEL, long-term		dermal	systemic	46 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	46 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	871 mg/m ³
Worker DNEL, long-term		dermal	systemic	77 mg/kg bw/day
Worker DNEL, acute		inhalation	systemic	1286,4 mg/m ³
Worker DNEL, long-term		inhalation	local	837,5 mg/m ³
Worker DNEL, acute		inhalation	local	1066,67 mg/m ³
Consumer DNEL, acute		inhalation	systemic	1152 mg/m ³
Consumer DNEL, long-term		inhalation	local	178,57 mg/m ³
Consumer DNEL, acute		inhalation	local	640 mg/m ³
556-67-2 octamethylcyclotetrasiloxane				
Worker DNEL, long-term		inhalation	systemic	73 mg/m ³
Worker DNEL, acute		inhalation	systemic	73 mg/m ³
Worker DNEL, long-term		inhalation	local	73 mg/m ³
Worker DNEL, acute		inhalation	local	73 mg/m ³
Consumer DNEL, long-term		inhalation	systemic	13 mg/m ³
Consumer DNEL, acute		inhalation	systemic	13 mg/m ³
Consumer DNEL, long-term		inhalation	local	13 mg/m ³
Consumer DNEL, acute		inhalation	local	13 mg/m ³
Consumer DNEL, long-term		oral	systemic	3,7 mg/kg bw/day
Consumer DNEL, acute		oral	systemic	3,7 mg/kg bw/day

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 8 of 16

PNEC values

CAS No	Substance	Value
556-67-2	octamethylcyclotetrasiloxane	
Freshwater		0,0015 mg/l
Marine water		0,00015 mg/l
Freshwater sediment		3 mg/kg
Marine sediment		0,3 mg/kg
Secondary poisoning		41 mg/kg
Micro-organisms in sewage treatment plants (STP)		10 mg/l
Soil		0,84 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Take action to prevent static discharges.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection:

- Eye glasses with side protection
- goggles

Hand protection

Tested protective gloves must be worn: EN ISO 374

NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)

Thickness of the glove material \geq 0,4 mm

Breakthrough times and swelling properties of the material must be taken into consideration.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Wearing time with occasional contact (splashes): max. 480 min. (NBR (Nitrile rubber))

Wearing time with permanent contact 240 - 480 min (NBR (Nitrile rubber))

Observe the wear time limits as specified by the manufacturer.

Skin protection

Protective clothing

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Filtering device (full mask or mouthpiece) with filter: A-P2

Thermal hazards

No data available

Environmental exposure controls

Do not allow to enter into surface water or drains.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 9 of 16

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid	
Colour:	clear	
Odour:	Petroleum	
		Test method
Melting point/freezing point:	No data available	
Boiling point or initial boiling point and boiling range:	> 90 °C	
Flammability		
Solid/liquid:	No data available	
Lower explosion limits:	0,6 vol. %	
Upper explosion limits:	7 vol. %	
Flash point:	< 0 °C	
Auto-ignition temperature:	> 200 °C	
Decomposition temperature:	No data available	
pH-Value:	not applicable	
Viscosity / kinematic:	No data available	
Water solubility:	practically insoluble	
Solubility in other solvents		
No information available.		
Partition coefficient n-octanol/water:	No data available	
Vapour pressure:	60 hPa	
(at 20 °C)		
Density (at 15 °C):	~0,7 g/cm ³	
Relative vapour density:	>1 (Air=1)	

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

Vapours can form explosive mixtures with air.

Self-ignition temperature

Solid:

No data available

Gas:

No data available

Oxidizing properties

No information available.

Other safety characteristics

Evaporation rate: <1 (Ether=1)

Sublimation point: No data available

Softening point: No data available

Pour point: No data available

Viscosity / dynamic: No data available

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 10 of 16

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

The substance is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

This material is considered to be non-reactive under normal use conditions.

10.4. Conditions to avoid

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

10.5. Incompatible materials

- Strong acid,
- Strong alkali,
- Oxidising agent

10.6. Hazardous decomposition products

- Nitrogen oxides (NO_x),
- Carbon dioxide (CO₂),
- Carbon monoxide

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 11 of 16

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics				
	dermal	LD50 > 2800 - 3100 mg/kg	Rat	Study report (1977)	The acute toxicity of SBP 100/140 was de
	inhalation (4 h) vapour	LC50 > 23,3 mg/l	Rat	Study report (1988)	OECD Guideline 403
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1988)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1989)	OECD Guideline 402
	inhalation (4 h) vapour	LC50 > 4,96 mg/l	Rat	Study report (1992)	OECD Guideline 403
556-67-2	octamethylcyclotetrasiloxane				
	oral	LD50 > 4800 mg/kg	Rat	Study report (1979)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1982)	OECD Guideline 402

Irritation and corrosivity

Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

May cause drowsiness or dizziness. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics)

STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

Other information

No data available

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 12 of 16

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics					
	Acute fish toxicity	LL50 > 13,4 mg/l	96 h	Oncorhynchus mykiss	Study report (2004)	OECD Guideline 203
	Acute algae toxicity	ErC50 12 mg/l	72 h	Raphidocelis subcapitata	SIDS Initial Assessment Report For SIAM	OECD Guideline 201
	Acute crustacea toxicity	EC50 3 mg/l	48 h	Daphnia magna	OECD Guideline 202	
	Fish toxicity	NOEC 1,534 mg/l	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC 1 mg/l	21 d	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 211
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics					
	Acute fish toxicity	LL50 > 100 mg/l	96 h	Danio rerio	REACH Registration Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Raphidocelis subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EL50 > 100 mg/l	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
	Fish toxicity	NOEC 0,131 mg/l	28 d	Oncorhynchus mykiss	Company report (2010)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC > 10,2 mg/l	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211
556-67-2	octamethylcyclotetrasiloxane					
	Acute fish toxicity	LC50 > 0,022 mg/l	96 h	Oncorhynchus mykiss	Env. Toxicol. & Chemistry 14, 1639-1647	EPA OTS 797.1400
	Acute algae toxicity	ErC50 > 0,022 mg/l	96 h	Raphidocelis subcapitata	Study report (1990)	EPA OTS 797.1050
	Acute crustacea toxicity	EC50 > 0,015 mg/l	48 h	Daphnia magna	Env. Toxicol. & Chemistry 14, 1639-1647	EPA OTS 797.1300
	Fish toxicity	NOEC >= 0,0044 mg/l	93 d	Oncorhynchus mykiss	Env. Toxicol. & Chemistry 14, 1639-1647	other: 40 CFR 797.1600

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 13 of 16

	Crustacea toxicity	NOEC mg/l	>= 0,015	21 d	Daphnia magna	Env. Toxicol. & Chemistry 14, 1639-1647	EPA OTS 797.1330
--	--------------------	--------------	----------	------	---------------	--	---------------------

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	>= 3,17
556-67-2	octamethylcyclotetrasiloxane	6,98

BCF

CAS No	Chemical name	BCF	Species	Source
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	>= 30,85	calculated	REACH Registration D
556-67-2	octamethylcyclotetrasiloxane	12400	Pimephales promelas	Study report (1991)

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

UN 1268

14.2. UN proper shipping name:

PETROLEUM PRODUCTS, N.O.S. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics)

14.3. Transport hazard class(es):

3

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 14 of 16

14.4. Packing group: II
 Hazard label: 3
 Classification code: F1
 Special Provisions: 640C ADR664
 Limited quantity: 1 L
 Excepted quantity: E2
 Transport category: 2
 Hazard No: 33
 Tunnel restriction code: D/E

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1268
14.2. UN proper shipping name: PETROLEUM PRODUCTS, N.O.S. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3
 Classification code: F1
 Special Provisions: 363 640C
 Limited quantity: 1 L
 Excepted quantity: E2

Marine transport (IMDG)

14.1. UN number or ID number: UN 1268
14.2. UN proper shipping name: PETROLEUM PRODUCTS, N.O.S. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3
 Special Provisions: -
 Limited quantity: 1 L
 Excepted quantity: E2
 EmS: F-E, S-E

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1268
14.2. UN proper shipping name: PETROLEUM PRODUCTS, N.O.S. (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3
 Special Provisions: A3
 Limited quantity Passenger: 1 L
 Passenger LQ: Y341
 Excepted quantity: E2
 IATA-packing instructions - Passenger: 353
 IATA-max. quantity - Passenger: 5 L

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 15 of 16

IATA-packing instructions - Cargo: 364
IATA-max. quantity - Cargo: 60 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes
Danger releasing substance: Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

No information available.

SECTION 15: Regulatory information

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

EU regulatory information

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):
octamethylcyclotetrasiloxane

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 28, Entry 40, Entry 70

Information according to 2012/18/EU (SEVESO III): E2 Hazardous to the Aquatic Environment

Additional information: P5c

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics

octamethylcyclotetrasiloxane

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 4,5,6,7,8,9,10,11,12,13,14,15.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

(Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

Safety Data Sheet

according to Regulation (EC) No 1907/2006

995(E) Release Agent (Bulk)

Revision date: 13.03.2023

Page 16 of 16

ICAO: International Civil Aviation Organization
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 EC50: Effectice concentration, 50 percent
 DNEL: Derived No Effect Level
 PNEC: Predicted No Effect Concentration
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Asp. Tox. 1; H304	Calculation method
Skin Irrit. 2; H315	Calculation method
STOT SE 3; H336	Calculation method
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)