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

1.1. Product identifier

Mixture

identification:

Trade name: UHS Rapid Clear

Trade code: RAX0722

1.2. Relevant identified uses of the substance or mixture and uses advised against two component acrylic varnish Only for professional use.

1.3. Details of the supplier of the safety data sheet Company:

Shop Bodyshop Direct, Unit 17 Mullaghboy Industrial Estate, Navan, Co.Meath.

Tel. 046 909 3800 Fax. 046 909 3731

Competent person responsible for the safety data sheet:

info@shopbodyshopdirect.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

WARNING, STOT SE 3, May cause drowsiness or dizziness.
Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

WARNING, Flam. Liq. 3, Flammable liquid and vapour.

No other hazards

2.2. Label elements

Symbols:

WARNING

Hazard statements:

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P260 Do not breathe vapours or spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Special Provisions:

None

Contents:

2-hydroxyethyl methacrylate

Benzotriazol derivate: May produce an allergic reaction.

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate: May produce an allergic reaction. Special provisions according to Annex XVII of REACH and subsequent amendments: None

2.3. Other hazards vPvB Substances: None - PBT

Substances: None Other Hazards: No other hazards

SECTION 3: Composition/information on ingredients 3.1. Substances N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 30% - < 40%	n-butyl acetate	Index number: 607-025-00-1 CAS: 123-86-4 EC: 204-658-1 REACH No.: 01-219485493-29	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H336 EUH066
>= 3% - < 5%	ethyl 3-ethoxypropionate	CAS: 763-69-9 EC: 212-112-9 REACH No.: 01-2119463267-34	2.6/3 Flam. Liq. 3 H226
>= 3% - < 5%	heptan-2-one; methyl amyl ketone	Index number: 606-024-00-3 CAS: 110-43-0 EC: 203-767-1 REACH No.: 01-2119902391-49	2.6/3 Flam. Liq. 3 H226 3.1/4/Oral Acute Tox. 4 H302 3.1/4/Inhal Acute Tox. 4 H332
>= 1% - < 3%	2-butoxyethyl acetate	Index number: 607-038-00-2 CAS: 112-07-2 EC: 203-933-3 REACH No.: 01-2119475112-47	3.1/4/Dermal Acute Tox. 4 H312 3.1/4/Inhal Acute Tox. 4 H332
>= 0.5% - < 1%	Benzotriazol derivates	Index number: 607-176-00-3 EC: 400-830-7 REACH No.: 01-0000015075-76	3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317 4.1/C2 Aquatic Chronic 2 H411
>= 0.25% - < 0.5%	Bis(1,2,2,6,6-pentamethyl4-piperidyl) sebacate	CAS: 41556-26-7 255-437-1 EC: REACH No.: 01-2119491304-40	3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317 4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410
>= 0.25% - < 0.5%	Phorphorous acid, trisodecyl ester	CAS: 77745-66-5 EC: 278-758-9	3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317
>= 0.1% - < 0.25%	2-hydroxyethyl methacrylate	Index number: 607-124-00-X CAS: 868-77-9 EC: 212-782-2 REACH No.: 01-2119490169-29	3.3/2 Eye Irrit. 2 H319 3.2/2 Skin Irrit. 2 H315 3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317
>= 0.1% - < 0.25%	Sebacato di metile e 1,2,2,6,6-pentametil-4-piperidile	CAS: EC: 82919-37-7 280-060-4	3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317 4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410
>= 0.01% - < 0.1%	Dibutyltin dilaurate	CAS: 77-58-7 EC: 201-039-8 REACH No.: 01-2119496068-27	3.1/4/Oral Acute Tox. 4 H302 3.2/1C Skin Corr. 1C H314 3.3/1 Eye Dam. 1 H318 3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317 3.5/2 Muta. 2 H341 3.7/1B Repr. 1B H360FD 3.8/1 STOT SE 1 H370 3.9/1 STOT RE 1 H372

				4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410
>= 0.01% - < 0.1%	Solvent naphtha (Petroleum), light arom.	Index number: CAS: EC: REACH No.:	649-356-00-4 64742-95-6 265-199-0 01-2119455851-35	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H335 3.8/3 STOT SE 3 H336 4.1/C2 Aquatic Chronic 2 H411 3.10/1 Asp. Tox. 1 H304 EUH066 DECLP (CLP)*

*DECLP (CLP): This substance is classified in accordance with Note P, Annex VI of EC Regulation 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0.1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-) P260-P262-P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

See section 11 for known symptoms and effects.

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

In case of accident or sickness, seek medical advice immediately (show directions for use or safety data sheet if possible). Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

CO2 or Dry chemical fire extinguisher.

Extinguishing media which must not be used for safety reasons:

Do not use water jets. Water may not be effective fire-fighting measure, however it can be used to cool closed containers close to flames as to avoid bursting and exploding. None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations. 6.4. Reference to other sections See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
Polluted clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities:

Always keep in a well ventilated place.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.

7.3. Specific end use(s)

See Point 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

n-butyl acetate - CAS: 123-86-4

EU - LTE(8h): 150 ppm - STE(): 200 ppm
ACGIH - LTE(8h): 150 ppm - STE: 200 ppm - Notes: Eye and URT irr

ethyl 3-ethoxypropionate - CAS: 763-69-9

EU - LTE(8h): 50 ppm - STE(): 100 ppm heptan-2-

one; methyl amyl ketone - CAS: 110-43-0

EU - LTE(8h): 238 mg/m3, 50 ppm - STE: 475 mg/m3, 100 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)
ACGIH - LTE(8h): 50 ppm - Notes: Eye and skin irr

2-butoxyethyl acetate - CAS: 112-07-2

EU - LTE(8h): 133 mg/m3, 20 ppm - STE: 333 mg/m3, 50 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)
ACGIH - LTE(8h): 20 ppm - Notes: A3 - Hemolysis

Dibutyltin dilaurate - CAS: 77-58-7

EU - LTE: 0.10 mg/m3 - STE: 0.20 mg/m3 - Notes: Pelle

Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6

EU - LTE(8h): 100 mg/m3, 19 ppm

DNEL Exposure Limit Values n-butyl

acetate - CAS: 123-86-4

Consumer: 102.34 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects
Worker Professional: 960 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Professional: 960 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional: 480 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 480 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects
ethyl 3-ethoxypropionate - CAS: 763-69-9
Worker Professional: 24.2 mg/kg - Consumer: 24.2 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 24.2 mg/kg - Consumer: 24.2 mg/kg - Exposure: Human Dermal - Frequency: Long Term, local effects
Worker Professional: 72.6 mg/m³ - Consumer: 72.6 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 72.6 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects
Consumer: 1.2 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
2-butoxyethyl acetate - CAS: 112-07-2
Worker Professional: 133 mg/m³ - Consumer: 67 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 27 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects - Notes: bw/day
Consumer: 4.3 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects - Notes: bw/day
Consumer: 18 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects - Notes: bw/day
Worker Professional: 773 mg/m³ - Consumer: 499 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Professional: 333 mg/m³ - Consumer: 166 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional: 102 mg/kg - Consumer: 36 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/day Dibutyltin dilaurate - CAS: 77-58-7
Worker Industry: 1 mg/kg - Consumer: 0.5 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects - Notes: mg/kg bw
Worker Industry: 0.2 mg/kg - Consumer: 0.08 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: mg/kg bw/ day
Worker Industry: 0.07 mg/m³ - Consumer: 0.02 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Industry: 0.01 mg/m³ - Consumer: 0.003 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 0.01 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects - Notes: mg/kg bw

PNEC Exposure Limit Values n-butyl
acetate - CAS: 123-86-4
Target: STP - Value: 35.6 mg/l
Target: Fresh Water - Value: 0.18 mg/l
Target: Marine water - Value: 0.018 mg/l
Target: Intermittent emissions - Value: 0.36 mg/l
Target: Freshwater sediments - Value: 0.981 mg/kg
Target: Marine water sediments - Value: 0.0981 mg/kg
Target: Soil - Value: 0.0903 mg/kg
ethyl 3-ethoxypropionate - CAS: 763-69-9
Target: Fresh Water - Value: 0.0609 mg/l
Target: Marine water - Value: 0.00609 mg/l
Target: Intermittent emissions - Value: 0.609 mg/l
Target: Freshwater sediments - Value: 0.419 mg/kg
Target: Soil (agricultural) - Value: 0.048 mg/kg
2-butoxyethyl acetate - CAS: 112-07-2
Target: Purification plant - Value: 90 mg/l
Target: Fresh Water - Value: 0.304 mg/l
Target: Marine water - Value: 0.0304 mg/l
Target: Intermittent emissions - Value: 0.56 mg/l
Target: Freshwater sediments - Value: 2.03 mg/kg
Target: Marine water sediments - Value: 0.203 mg/kg
Target: Soil - Value: 0.68 mg/kg
Target: Oral - Value: 0.06

g/kg 8.2. Exposure controls Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use, however follow good working practices.

Protection for hands:

Use protective gloves that provides comprehensive protection, EN374 Class 3 (B-F-I). Permeation time > 60 minutes; 0.4 mm thickness.

Respiratory protection:

Use adequate protective respiratory devices, using Filter “A” (Brown colour) for organic gas and vapors with boiling points over 65°C.

Thermal Hazards:

None

Environmental exposure controls:

Emissions from ventilation systems or from work processes must be check as to ensure compliance to environmental protection legislation. In some cases the addition of vapour scrubbers, filters or other system modification may be necessary in order to reduce emissions to acceptable levels.

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	**Value**	**Method:**	**Notes:**
Appearance and colour	Transparent colourless liquid	--	--
Odour:	Typical of solvent	--	--
Odour threshold:	N.D.	--	--
pH:	7	--	--
Melting point / freezing point:	N.D.	--	--
Initial boiling point and boiling range:	126°C	--	--
Flash point:	25°C	--	--
Evaporation rate:	N.D.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	1,2% - 7,5% vol	--	--
Vapour pressure:	15 hPa	--	--
Vapour density:	N.D.	--	--
Relative density:	1,000 g/cm³	--	--
Solubility in water:	Insoluble	--	--
Solubility in oil:	N.D.	--	--
Partition coefficient (n-octanol/ water):		--	--

Auto-ignition temperature:	415°C	--	--

Decomposition temperature:	N.D.	--	--
Viscosity:	N.D.	--	--
Explosive properties:	N.D.	--	--
Oxidizing properties:	N.D.	--	--

9.2. Other information

Properties	**Value**	**Method:**	**Notes:**
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under recommended use and storage conditions (see point 7).

10.3. Possibility of hazardous reactions

It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth), and nitrides.
It may catch fire on contact with oxidising mineral acids, powerful oxidising agents, and powerful reducing agents.

10.4. Conditions to avoid

Avoid accumulating electrostatic charge.
Stable under normal conditions.

10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information 11.1.

Information on toxicological effects

Toxicological information of the mixture:

N.A.

Toxicological information of the main substances found in the mixture:

n-butyl acetate - CAS: 123-86-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 6400 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat = 21.1 mg/l - Duration:

4h ethyl 3-ethoxypropionate - CAS: 763-69-9 a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 4.309 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit = 4.080 mg/kg
Test: LD50 - Route: Inhalation - Species: Rat > 998

Ppm 2-butoxyethyl acetate - CAS: 112-07-2 a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2400 mg/kg
Test: LD50 - Route: Oral - Species: Mouse = 3200 mg/kg

Test: LD50 - Route: Skin - Species: Rat = 1580
mg/kg Benzotriazol derivate - Index number: 607-176-00-3 a)
acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 5.8 mg/l
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg
d) respiratory or skin sensitisation:
Test: Skin Sensitization - Route: Skin - Species: GUINEA PIG
Positive Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate - CAS: 41556-26-7
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
d) respiratory or skin sensitisation:
Test: Skin Sensitization - Route: Skin Positive
2-hydroxyethyl methacrylate - CAS: 868-77-9
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 5050 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 3000
mg/kg Dibutyltin dilaurate - CAS: 77-58-7
a) Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 2071 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
c) Serious eye damage/irritation:
Test: Eye Irritant Positive
e) Germ cell mutagenicity:
Test: Mutagenesis Positive
Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6
a) acute toxicity:
Test: LC50 - Route: Inhalation - Species: Rat > 6193 mg/m3
Test: LD50 - Route: Oral - Species: Rat = 3592 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg

If not differently specified, the information required in Regulation (EU) 2015/830 listed below must be considered as N.A.:
a) acute toxicity;
b) skin corrosion/irritation;
c) serious eye damage/irritation;
d) respiratory or skin sensitisation;
e) germ cell mutagenicity;
f) carcinogenicity;
g) reproductive toxicity;
h) STOT-single exposure;
i) STOT-repeated exposure;
j) Aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
n-butyl acetate - CAS: 123-86-4
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia = 44 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 648 mg/l - Duration h: 72
Endpoint: LC50 - Species: Fish = 18 mg/l - Duration h:
96 Benzotriazol derivates - Index number: 607-176-00-3 a)
Aquatic acute toxicity:
Endpoint: LC50 - Species: Daphnia = 4 mg/l - Duration h: 48
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate - CAS: 41556-26-7
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 0.97 mg/l - Duration h:
96 Dibutyltin dilaurate - CAS: 77-58-7
a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 3.1 mg/l
Endpoint: EC50 - Species: Daphnia = 0.463 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 1 mg/l - Duration h:
72 Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6 a)
Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia = 3.2 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 2.9 mg/l - Duration h: 72
Endpoint: LC50 - Species: Fish = 9.2 mg/l
Endpoint: EC50 - Species: Algae = 1 mg/l - Notes: NOEC

12.2. Persistence and degradability
Product can be regarded as not easily bio-degradable considering its component substances.
12.3. Bioaccumulative potential:
Not bio-accumulative
12.4. Mobility in soil
Do not mix with waste water, rain or surface water. Floats on water, evaporates from liquid and solid surfaces but a significant amount may pollute water table.
12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None
12.6. Other adverse effects
None

SECTION 13: Disposal considerations
13.1. Waste treatment methods
The empty containers must be considered special waste materials to take to dump of type 2B. If previously cleansed, they can be admitted in first class dumps.
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, Comply with the local and national regulations currently in force.

SECTION 14: Transport information
Limited quantities, not subject to ADR norms for internal packaging of up to 5 litres and maxium packaging of 30kg. Not classified as dangerous in the meaning of transport regulations. 14.1. UN number

ADR-UN number:	1263
IMDG-Un number:	1263

14.2. UN proper shipping name

Shipping name:	Paints

14.3. Transport hazard class(es)

ADR/RID:	
Class:	3
Label:	3
Classification Code:	F1
Maritime (IMDG/IMO):	
Class:	3
Label: 14.4.	3

Packing group

ADR Packing Group::	III°
IMDG-Packing group:	III°

14.5. Environmental hazards

Marine pollutant:	No

14.6. Special precautions for user

IMDG-EMS:	F-E, S-E*

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code:
No

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: None

Volatile Organic compounds - VOCs =434.43 g/Kg= 434.43 g/l

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 0.24

Where applicable, refer to the following regulatory provisions:

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.
Regulation (EC) nr 648/2004 (detergents).
1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC (Seveso), 96/82/EC(Seveso II):

N.A.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Text of phrases referred to under heading 3:

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.
H302 Harmful if swallowed.
H332 Harmful if inhaled.
H312 Harmful in contact with skin.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H341 Suspected of causing genetic defects.
H360FD May damage fertility. May damage the unborn child.
H370 Causes damage to organs.
H372 Causes damage to organs through prolonged or repeated exposure.
H335 May cause respiratory irritation.
H304 May be fatal if swallowed and enters airways.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
CCNL - Appendix 1

Insert further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labelling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals.
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
N.A.:	Not applicable.
N.D.:	Not determined.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).