

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 08/04/2014 Revision date: 13/04/2015 : Version: 1.1

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

1.1. Product identifier

Product form : Mixture

Product name : VOA Gases Standard

Product code : AL0-101206
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Laboratory Use Industrial/Professional use spec : Industrial

For professional use only

Use of the substance/mixture : Certified reference material for laboratory use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Phenova

6390 Joyce Dr. Suite 100

80403 Golden, CO - United States

T 1-866-942-2978 - F 1-866-283-0269

info@phenova.com - www.phenova.com

1.4. Emergency telephone number

Emergency number : ChemTel Assistance (US/Canada) 1-800-255-3924

ChemTel Assistance (International) +1 813-248-0585

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flam. Liq. 2 H225
Acute Tox. 3 (Oral) H301
Acute Tox. 3 (Dermal) H311
Carc. 1A H350
STOT SE 1 H370
Aquatic Chronic 3 H412
Ozone 1 H420

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Carc.Cat.1; R45 F+; R12

T; R23/24/25 T; R39/23/24/25

N; R59

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP)



GHS02





GHS06

GHS08

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Precautionary statements (CLP)

Signal word (CLP) : Danger

Hazardous ingredients : bromomethane, vinyl chloride, inhibited, methanol

Hazard statements (CLP) : H225 - Highly flammable liquid and vapor

H301+H311 - Toxic if swallowed or in contact with skin

H350 - May cause cancer

H370 - Causes damage to organs

H412 - Harmful to aquatic life with long lasting effects

H420 - Harms public health and the environment by destroying ozone in the upper atmosphere: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking

P233 - Keep container tightly closed

P260 - Do not breathe dust, fume, gas, mist, spray, vapors P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area

P273 - Avoid release to the environment

P280 - Wear protective gloves, protective clothing, eye protection, face protection

P308+P313 - IF exposed or concerned: Get medical advice/attention

P403+P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up

No labeling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
methanol (Component)	(CAS No) 67-56-1 (EC no) 200-659-6 (EC index no) 603-001-00-X	98.8	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT SE 1, H370
bromomethane (Component)	(CAS No) 74-83-9 (EC no) 200-813-2 (EC index no) 602-002-00-2	0.2	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:gas), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Muta. 2, H341 STOT SE 3, H335 STOT RE 2, H373 Aquatic Acute 1, H400 Ozone 1, H420
chloroethane (Component)	(CAS No) 75-00-3 (EC no) 200-830-5 (EC index no) 602-009-00-0	0.2	Flam. Gas 1, H220 Carc. 2, H351 Aquatic Chronic 3, H412
chloromethane (Component)	(CAS No) 74-87-3 (EC no) 200-817-4 (EC index no) 602-001-00-7	0.2	Flam. Gas 1, H220 Carc. 2, H351 STOT RE 2, H373 Ozone
dichlorodifluoromethane (Component)	(CAS No) 75-71-8 (EC no) 200-893-9	0.2	Ozone
trichloromonofluoromethane (Component)	(CAS No) 75-69-4 (EC no) 200-892-3	0.2	Ozone
vinyl chloride, inhibited (Component)	(CAS No) 75-01-4 (EC no) 200-831-0 (EC index no) 602-023-00-7	0.2	Flam. Gas 1, H220 Carc. 1A, H350 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
Name	Product identifier	Specific concentration limits	
methanol (Component)	(CAS No) 67-56-1 (EC no) 200-659-6 (EC index no) 603-001-00-X	(3 =< C < 10) STOT SE 2, H371 (C >= 10) STOT SE 1, H370	

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. Call a POISON CENTER or

doctor/physician. IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.

Immediately call a poison center or doctor/physician. Wash with plenty of soap and water.

Wash contaminated clothing before reuse.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with

water for several minutes. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Immediately call a

poison center or doctor/physician.

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

Symptoms/injuries after inhalation : May cause cancer by inhalation.

Symptoms/injuries after skin contact : Repeated exposure to this material can result in absorption through skin causing significant

health hazard. Toxic in contact with skin.

Symptoms/injuries after ingestion : Toxic if swallowed. Swallowing a small quantity of this material will result in serious health

hazard.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapor.

Explosion hazard : May form flammable/explosive vapor-air mixture.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Avoid breathing dust/fume/gas/mist/vapors/spray.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect

spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapors are flammable.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Use only non-sparking tools. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Hygiene measures : Do not eat, drink or smoke when using this product. Gently wash with plenty of soap and water.

Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilitie

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond

container and receiving equipment.

Storage conditions : Keep in fireproof place. Keep container tightly closed. Keep container tightly closed and in a

well-ventilated place. Keep away from any flames or sparking source.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls
Personal protective equipment

: Either local exhaust or general room ventilation is usually required.

: Avoid all unnecessary exposure. Gloves. Protective clothing. Protective goggles. Safety

glasses.







Hand protection

: Wear chemically resistant protective gloves. Wear suitable gloves resistant to chemical

penetration.

Eye protection

Chemical goggles or safety glasses. Safety glasses.

Skin and body protection

 $: \ \ \text{Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin}$

contact.

Respiratory protection

: Where exposure through inhalation may occur from use, respiratory protection equipment is

recommended.

Other information

: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Color Colorless. Odor characteristic. рΗ No data available Melting point No data available No data available Freezing point Boiling point No data available Flash point No data available Auto-ignition temperature : No data available Decomposition temperature : No data available

Flammability (solid, gas) : Highly flammable liquid and vapor

Relative density : No data available
Solubility : No data available
Explosive properties : No data available
Oxidizing properties : No data available
Explosion limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established. Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Strong acids. Strong bases.

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10.6. Hazardous decomposition products	10.6.	Hawayalaya a	

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

Acute toxicity	: Oral: Toxic if swallowed. Dermal: Toxic in contact with skin.
VOA Gases Standard	
ATE CLP (oral)	100.000 mg/kg body weight
ATE CLP (dermal)	300.000 mg/kg body weight
bromomethane (74-83-9)	
LD50 oral rat	214 mg/kg (Rat)
ATE CLP (oral)	214.000 mg/kg body weight
ATE CLP (gases)	700.000 ppmV/4h
ATE CLP (vapors)	3.000 mg/l/4h
ATE CLP (dust, mist)	0.500 mg/l/4h
chloroethane (75-00-3)	
LC50 inhalation rat (mg/l)	107 mg/l/4h (Rat)
LC50 inhalation rat (ppm)	40700 ppm/4h (Rat)
ATE CLP (gases)	40700.000 ppmV/4h
ATE CLP (vapors)	107.000 mg/l/4h
ATE CLP (dust, mist)	107.000 mg/l/4h
chloromethane (74-87-3)	
LD50 oral rat	1800 mg/kg (Rat)
LC50 inhalation rat (mg/l)	5.3 mg/l/4h (Rat)
ATE CLP (oral)	1800.000 mg/kg body weight
ATE CLP (vapors)	5.300 mg/l/4h
ATE CLP (dust, mist)	5.300 mg/l/4h
dichlorodifluoromethane (75-71-8)	
LC50 inhalation rat (mg/l)	3823 mg/l/4h (Rat)
LC50 inhalation rat (ppm)	760000 ppm/4h (Rat)
ATE CLP (gases)	760000.000 ppmV/4h
ATE CLP (vapors)	3823.000 mg/l/4h
ATE CLP (dust, mist)	3823.000 mg/l/4h
trichloromonofluoromethane (75-69-	4)
LD50 oral rat	> 15000 mg/kg (Rat)
LC50 inhalation rat (mg/l)	150 mg/l/4h (Rat)
LC50 inhalation rat (ppm)	26200 ppm/4h (Rat)
ATE CLP (gases)	26200.000 ppmV/4h
ATE CLP (vapors)	150.000 mg/l/4h
ATE CLP (dust, mist)	150.000 mg/l/4h
methanol (67-56-1)	
LD50 oral rat	> 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence)
LD50 dermal rabbit	15800 mg/kg (Rabbit; Literature study)
LC50 inhalation rat (mg/l)	85 mg/l/4h (Rat; Literature study)

LC50 innalation rat (mg/l)	85 mg/l/4n (Rat; Literature study)
LC50 inhalation rat (ppm)	64000 ppm/4h (Rat; Literature study)
ATE CLP (oral)	100.000 mg/kg body weight
ATE CLP (dermal)	300.000 mg/kg body weight
ATE CLP (gases)	700.000 ppmV/4h
ATE CLP (vapors)	3.000 mg/l/4h

0.500 mg/l/4h

Skin corrosion/irritation : Not classified

ATE CLP (dust, mist)

Based on available data, the classification criteria are not met

Serious eye damage/irritation : Not classified

Based on available data, the classification criteria are not met

Respiratory or skin sensitization : Not classified

Based on available data, the classification criteria are not met

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Germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met

Carcinogenicity : May cause cancer.

May cause cancer by inhalation

May cause cancer

Reproductive toxicity : Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Causes damage to organs.

Specific target organ toxicity (repeated : Not classified

exposure)

Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Based on available data, the classification criteria are not met

Potential Adverse human health effects and

symptoms

LC50 fish 2

: Toxic if swallowed. Toxic in contact with skin.

SECTION 12: Ecological information

9_9		oo.og.ou.	o.
12 1	Toxicity		

Ecology - air : Dangerous for the ozone layer.

Ecology - water : Harmful to aquatic life with long lasting effects

Ecology - water	: Harmful to aquatic life with long lasting effects.
bromomethane (74-83-9)	
LC50 fish 1	0.7 mg/l (96 h; Oryzias latipes)
LC50 other aquatic organisms 1	1 - 10 mg/l (96 h)
EC50 Daphnia 1	2 mg/l (48 h; Daphnia magna)
LC50 fish 2	0.8 mg/l (96 h; Poecilia reticulata)
Threshold limit other aquatic organisms 1	1 - 10,96 h
Threshold limit algae 1	5 mg/l (72 h; Selenastrum capricornutum)
Threshold limit algae 2	3.2 mg/l (48 h; Scenedesmus quadricauda)
chloroethane (75-00-3)	
LC50 fish 1	36 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 1	58 mg/l (48 h; Daphnia magna; GLP)
EC50 other aquatic organisms 1	118 mg/l (72 h; Scenedesmus subspicatus; Growth rate)
LC50 fish 2	39.3 mg/l (96 h; Pimephales promelas)
Threshold limit algae 1	< 7.7 mg/l (72 h; Scenedesmus subspicatus)
chloromethane (74-87-3)	
LC50 fish 1	270 ppm (96 h; Menidia beryllina)
LC50 fish 2	550 mg/l (96 h; Lepomis macrochirus)
Threshold limit other aquatic organisms 1	8000 mg/l (16 h; Protozoa; Toxicity test)
Threshold limit other aquatic organisms 2	500 mg/l (Pseudomonas putida; Toxicity test)
Threshold limit algae 1	1450 mg/l (148 h; Scenedesmus quadricauda)
dichlorodifluoromethane (75-71-8)	
LC50 fish 1	80 mg/l (24 h; Poecilia reticulata; Toxicity test)
LC50 fish 2	67 mg/l (48 h; Oryzias latipes)
trichloromonofluoromethane (75-69-4)	
LC50 fish 1	190 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 1	130 mg/l (48 h; Daphnia magna)
TLM fish 1	40 mg/l (24 h; Poecilia reticulata; Nocivity test)
vinyl chloride, inhibited (75-01-4)	
LC50 fish 1	0.097 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Stabilizer)
LC50 other aquatic organisms 1	> 1000 mg/l (96 h)
LC50 fish 2	210 mg/l (96 h; Brachydanio rerio)
Threshold limit other aquatic organisms 1	> 1000 mg/l (96 h)
Threshold limit algae 1	77 mg/l (96 h; Algae)
Threshold limit algae 2	105 mg/l (48 h; Cyanophyta; Toxicity test)
methanol (67-56-1)	
LC50 fish 1	15400 mg/l (96 h; Lepomis macrochirus; Lethal)
EC50 Daphnia 1	> 10000 mg/l (48 h; Daphnia magna; Lethal)

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10800 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)

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methanol (67-56-1)		
EC50 Daphnia 2	24500 mg/l (48 h; Daphnia magna; Locomotor effect)	
Threshold limit other aquatic organisms 1	6600 mg/l (16 h; Pseudomonas putida)	
Threshold limit algae 1	530 mg/l (192 h; Microcystis aeruginosa)	
Threshold limit algae 2	8000 mg/l (168 h; Scenedesmus quadricauda)	

May cause long-term adverse effects in the environment.
May cause long-term adverse effects in the environment.
, ,
Not readily biodegradable in water.
Not readily biodegradable in water.
Tot readily blodegradable in water.
Not readily biodegradable in water.
Not readily blodegradable in water. 0 q O /g substance
J g O / g substance
Not readily biodegradable in water.
Not readily biodegradable in water.
0 g O /g substance
0 % ThOD
Not readily biodegradable in water. Biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.
0 g O /g substance
0 % ThOD
Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil.
0.6 - 1.12 g O /g substance
1.42 g O /g substance
1.5 g O /g substance
0.8 % ThOD
Not established.
4.7 (Pisces; Estimated value)
1.08 - 2.3
Low potential for bioaccumulation (Log Kow < 4).
7.6 ppb (Ostreidae; Fresh weight)
1.43 - 1.52 (Experimental value)
Low potential for bioaccumulation (BCF < 500).
0.91
Low potential for bioaccumulation (Log Kow < 4).
26 (Estimated value)
< 10 (Cyprinus carpio; Test duration: 6 weeks)
26 (Estimated value)
2.16
Low potential for bioaccumulation (BCF < 500).
4.5 (Scyliorhinus caniculus; Gills, dry weight)
5 (Conger conger; Muscles, dry weight)
1.4 (Pecten maximus; Mantle, dry weight)
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trichloromonofluoromethane (75-69-4)		
BCF other aquatic organisms 2	4.4 (Modiolus modiolus; Mantle, dry weight)	
Log Pow	2.3 - 2.53	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
vinyl chloride, inhibited (75-01-4)		
BCF fish 1	< 10 (72 h; Leuciscus idus)	
BCF fish 2	3.55 l/kg	
BCF other aquatic organisms 1	1100 (120 h; Bacteria; Activated sludge)	
BCF other aquatic organisms 2	40 (24 h; Algae)	
Log Pow	1.58 (Test data; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 22 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
methanol (67-56-1)		
BCF fish 1	< 10 (72 h; Leuciscus idus)	
BCF fish 2	1 (72 h; Cyprinus carpio; Blood)	
Log Pow	-0.77 (Experimental value; Other)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
12.4. Mobility in soil		
_bromomethane (74-83-9)		
Surface tension	0.025 N/m (0 °C)	
chloroethane (75-00-3)		
Surface tension	0.021 N/m (10 °C)	
chloromethane (74-87-3)		
Surface tension	0.016 N/m (20 °C)	
trichloromonofluoromethane (75-69-4)		
Surface tension	0.019 N/m (25 °C)	
vinyl chloride, inhibited (75-01-4)		
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.	
methanol (67-56-1)		
Surface tension	0.023 N/m (20 °C)	
12.5. Results of PBT and vPvB assessme	ent	
No additional information available		

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Handle empty containers with care because residual vapors are flammable.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : 1992 UN-No. (IATA) : 1992

14.2. UN proper shipping name

Proper Shipping Name (ADR) : FLAMMABLE LIQUID, TOXIC, N.O.S.

Proper Shipping Name (IATA) : FLAMMABLE LIQUID, TOXIC, N.O.S.

Proper Shipping Name (IMDG) : FLAMMABLE LIQUID, TOXIC, N.O.S.

Proper Shipping Name (ADN) : FLAMMABLE LIQUID, TOXIC, N.O.S.

Transport document description (ADR) : UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (methanol(67-56-1)), 3 (6.1), II, (D/E)

14.3. Packing group

Class (ADR) : 3
Classification code (ADR) : FT1

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 Class (IATA)
 : 3

 Class (IMDG)
 : 3

 Class (ADN)
 : 3

 Subsidiary risks (ADR)
 : 6.1

 Hazard labels (ADR)
 : 3, 6.1



Hazard labels (IATA) : 3, 6.1



14.4. Packing group

Packing group (ADR) : II
Packing group (IATA) : II

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 336 Classification code (ADR) : FT1

Orange plates : F11

336 1992

Special provision (ADR) : 274

Transport category (ADR) : 2

Tunnel restriction code (ADR) : D/E

Limited quantities (ADR) : 11

Excepted quantities (ADR) : E2

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

CAO packing instructions (IATA) : 364 : 60L CAO max net quantity (IATA) PCA packing instructions (IATA) : 352 PCA Limited quantities (IATA) : Y341 PCA limited quantity max net quantity (IATA) : 1L PCA max net quantity (IATA) : 1L PCA Excepted quantities (IATA) : E2 ERG code (IATA) : 3HP

14.6.4. Inland waterway transport

Carriage prohibited (ADN) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

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15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending

Regulation (EC) No 1907/2006.

Other information : None.

PHV SDS EU

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