

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 02/03/2023 Version: 1.0

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

### **1.1. Product identifier**

Product form	: Mixture
Product name	: HG natural stone colour intensifier
UFI	: 8604-D9E2-J10J-NU1H
Product code	: 449 ART
Type of product	: Detergent
Product group	: Trade product

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

#### 1.2.1. Relevant identified uses

Intended for general public Main use category Use of the substance/mixture

Consumer usePaints/coatings - Protective and functional

#### 1.2.2. Uses advised against

Restrictions on use

: All other uses not recommended above

## 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

HG International B.V. P.J. Oudweg 41 NL– 1314 CJ Almere The Netherlands T +31 (0)36 54 94 700 <u>safety@hg.eu</u> - <u>www.hg.eu</u> Importer HG UKI LTD Weston Business Centre Parsonage Road UK– CM22 6PU Takeley – Essex United Kingdom T +44 (0) 1206 822 744 www.hg.eu

#### 1.4. Emergency telephone number

Emergency number

: +31 (0)36 54 94 777 Only for medical personnel Mon-Fri 09:00 AM - 05:00 PM (CEST)

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Flammable liquids, Category 3	H226
Aspiration hazard, Category 1	H304

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

#### Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. May be fatal if swallowed and enters airways.

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2.2. Label elements	
Labelling according to Regulation (EC) No. 12	272/2008 [CLP]
Hazard pictograms (CLP)	
	GHS02 GHS08
Signal word (CLP)	: Danger
Contains	: Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics
Hazard statements (CLP)	<ul> <li>H226 - Flammable liquid and vapour.</li> <li>H304 - May be fatal if swallowed and enters airways.</li> </ul>
Precautionary statements (CLP)	<ul> <li>P101 - If medical advice is needed, have product container or label at hand.</li> <li>P102 - Keep out of reach of children.</li> <li>P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor.</li> <li>P331 - Do NOT induce vomiting.</li> <li>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.</li> </ul>
EUH-statements	: EUH066 - Repeated exposure may cause skin dryness or cracking.
Child-resistant fastening	: Applicable
Tactile warning	: Applicable
2.3. Other hazards	
Other hazards which do not result in classificatio	<ul> <li>Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be placed in a closed metal container soaked with water. Contains 2.2 % of components with unknown hazards to the aquatic environment.</li> </ul>

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

# SECTION 3: Composition/information on ingredients

#### 3.1. Substances

#### Not applicable

#### 3.2. Mixtures

Name	Product identifier		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics	EC-No.: 918-167-1 REACH-no: 01-2119472146- 39	≥ 50 – < 75	Flam. Liq. 3, H226 Asp. Tox. 1, H304

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

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general First-aid measures after inhalation First-aid measures after skin contact	<ul> <li>Call a physician immediately.</li> <li>Remove person to fresh air and keep comfortable for breathing.</li> <li>Rinse skin with water/shower. Take off immediately all contaminated clothing.</li> </ul>

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First-aid measures after eye contact First-aid measures after ingestion	<ul><li>Rinse eyes with water as a precaution.</li><li>Do not induce vomiting. Call a physician immediately.</li></ul>
4.2. Most important symptoms and effects	, both acute and delayed
Symptoms/effects after skin contact Symptoms/effects after ingestion	<ul><li>Repeated exposure may cause skin dryness or cracking.</li><li>Risk of lung oedema.</li></ul>

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

Treat symptomatically.

SECTION 5: Firefighting measures				
5.1. Extinguishing media				
Suitable extinguishing media Unsuitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide. : Do not use water jet.			
5.2. Special hazards arising from the substance or mixture				
Fire hazard Explosion hazard	<ul> <li>Intense heat may cause container to burst. Runoff could create fire or explosion hazard. Flammable liquid and vapour.</li> <li>Do not allow surface water to enter drains and sewers as this will create a potential explosive hazard. If this occurs inform local authorities immediately.</li> </ul>			
Hazardous decomposition products in case of fire	: Carbon dioxide. Carbon monoxide.			
5.3. Advice for firefighters				
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.			

SECTION 6: Accidental release measures			
6.1. Personal precautions, protective equipment and emergency procedures			
General measures	: Do not handle until all safety precautions have been read and understood.		
6.1.1. For non-emergency personnel			
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Do not touch or walk on the spilled product. Do not breathe vapours. No open flames, no sparks, and no smoking.		
6.1.2. For emergency responders			
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".		

### 6.2. Environmental precautions

Avoid release to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up			
For containment	: Stop leak if safe to do so. Move containers from spill area. Cover spill with non combustible material, e.g.: sand, earth, vermiculite.		
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.		
Other information	: Dispose of materials or solid residues at an authorized site.		
6.4. Reference to other sections			

For further information refer to section 8: "Exposure controls/personal protection". For disposal of contaminated materials refer to section 13 : "Disposal considerations". For further information refer to section 13.

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SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Handle empty containers with care because residual vapours are flammable. Empty containers retain product residue and can be hazardous.
Precautions for safe handling Hygiene measures	<ul> <li>Ensure good ventilation of the work station. Use explosion-proof equipment. Avoid breathing spray, vapours, mist. Use only in well-ventilated areas. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Wear personal protective equipment.</li> <li>Do not eat, drink or smoke when using this product. Always wash hands after handling the product.</li> </ul>
7.2. Conditions for safe storage, including	any incompatibilities
Technical measures Storage conditions Incompatible materials Storage temperature Heat and ignition sources Special rules on packaging	<ul> <li>Ground/bond container and receiving equipment. Use only non-sparking tools.</li> <li>Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.</li> <li>Oxidizing materials.</li> <li>&gt; 0 - &lt; 30 °C</li> <li>Keep away from heat and direct sunlight. No flames. Eliminate all sources of ignition.</li> <li>Keep only in original container. Opened containers must be carefully closed and kept upright to avoid leakage.</li> </ul>

#### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Safety glasses. Gloves. Protective clothing. Wear foot protection.

#### Personal protective equipment symbol(s):



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#### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses with side shields. Safety glasses

Eye protection				
Type         Field of application         Characteristics         Standard				
Safety glasses with side shields	Normal use conditions		EN 166	

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Long sleeved protective clothing. Chemical resistant safety shoes

Skin and body protection	
Туре	Standard
Long sleeved protective clothing	
Chemical resistant safety shoes	EN ISO 20345

#### Hand protection:

Protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Butyl rubber	6 (> 480 minutes)	0.5		EN ISO 374
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.35		EN ISO 374

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

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

Respiratory protection			
Device	Filter type	Condition	Standard
Half-mask	FFA2P3	Mist formation, Vapour protection	EN 405

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties			
9.1. Information on basic ph	ysical and chemical properties		
Physical state	: Liquid		
Colour	: Yellow.		
Odour	: Characteristic.		
Odour threshold	: ≥ mg/m³		
Melting point	: Not applicable		
Freezing point	: Not available		
Boiling point	: Not available		

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Flammability Explosive limits Lower explosion limit Upper explosion limit Flash point Auto-ignition temperature Decomposition temperature pH Viscosity, kinematic Solubility Partition coefficient n-octanol/water (Log Kow) Vapour pressure Vapour pressure at 50°C	<ul> <li>Flammable liquid and vapour.</li> <li>Not available</li> <li>Not available</li> <li>Not available</li> <li>56 °C (closed cup)</li> <li>365 °C</li> <li>Not available</li> <li>Not available</li> <li>&lt; 20.5 mm²/s</li> <li>Insoluble in water.</li> <li>Not available</li> </ul>
Partition coefficient n-octanol/water (Log Kow) Vapour pressure Vapour pressure at 50°C Density	: Not available : Not available
Relative density Relative vapour density at 20°C Particle characteristics	: Not available : Not applicable

## 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

: 21500 J/g (Heat of combustion)

CTION 10: Stability and reactivity
1. Reactivity
nmable liquid and vapour.
2. Chemical stability
ble under normal conditions.
3. Possibility of hazardous reactions
dangerous reactions known under normal conditions of use.
4. Conditions to avoid
id contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
5. Incompatible materials

Oxidising agents.

**10.6. Hazardous decomposition products** 

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information			
11.1. Information on hazard class	ses as defined in Regulation (EC) No 1272/2008		
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	<ul> <li>Not classified (Conclusive but not sufficient for classification)</li> <li>Not classified (Conclusive but not sufficient for classification)</li> <li>Not classified (Conclusive but not sufficient for classification)</li> </ul>		
Hydrocarbons, C11-C12, isoalka	nes, < 2% aromatics		
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)		

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Hydrocarbons, C11-C12, isoalkanes, <	< 2% aro	matics
LD50 dermal rabbit		≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
Skin corrosion/irritation	:	Not classified (Conclusive but not sufficient for classification)
Serious eye damage/irritation	:	Not classified (Conclusive but not sufficient for classification)
Respiratory or skin sensitisation	:	Not classified (Conclusive but not sufficient for classification)
Germ cell mutagenicity	:	Not classified (Conclusive but not sufficient for classification)
Carcinogenicity	:	Not classified (Conclusive but not sufficient for classification)
Reproductive toxicity	:	Not classified (Conclusive but not sufficient for classification)
STOT-single exposure	:	Not classified (Conclusive but not sufficient for classification)
STOT-repeated exposure	:	Not classified (Conclusive but not sufficient for classification)
Aspiration hazard	:	May be fatal if swallowed and enters airways.
HG natural stone colour intensifier		
Viscosity, kinematic		< 20.5 mm²/s
Hydrocarbons, C11-C12, isoalkanes, <	< 2% aro	matics
Viscosity, kinematic		1.57 mm <sup>2</sup> /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)'
11.2. Information on other hazards		
11.2.1. Endocrine disrupting properties		
Adverse health effects caused by endocrine disrupting properties		The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### 11.2.2. Other information

No additional information available

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general :	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term : (acute)	Not classified (Conclusive but not sufficient for classification)
Hazardous to the aquatic environment, long-term : (chronic)	Not classified (Conclusive but not sufficient for classification)
Hydrocarbons, C11-C12, isoalkanes, < 2% ard	omatics
NOEC (chronic)	0.011 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	

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12.6. Endocrine disrupting properties	
Adverse effects on the environment caused by endocrine disrupting properties	: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

#### 12.7. Other adverse effects

No additional information available

## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Regional legislation (waste) Waste treatment methods Sewage disposal recommendations Product/Packaging disposal recommendations

Additional information European List of Waste (LoW) code

HP Code

- : Dispose of in accordance with relevant local regulations.
- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Do not flush down sewers. Disposal must be done according to official regulations.
  Do not pierce or burn, even after use. Empty containers retain product residue and can be
- hazardous.
- : Flammable vapours may accumulate in the container.
- : 20 01 29\* detergents containing dangerous substances
  - 15 01 02 plastic packaging
- : HP3 "Flammable:"
- flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and  $\leq$  75 °C;
- flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
- flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
- flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
- water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
- other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

## **SECTION 14: Transport information**

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

ADR	IMDG	ΙΑΤΑ	ADN	RID		
14.1. UN number or ID number						
UN 3295	UN 3295	UN 3295	UN 3295	UN 3295		
14.2. UN proper shippin	14.2. UN proper shipping name					
HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics)	HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics)	Hydrocarbons, liquid, n.o.s. (Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics)	HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics)	HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics)		

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ADR	IMDG		ΙΑΤΑ	ADN	RID
Transport document descr	iption				
UN 3295 HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics), 3, III, (D/E)	UN 3295 HYDROCARBONS LIQUID, N.O.S. (Hydrocarbons, C11-C isoalkanes, < 2% aromatics), 3, III		UN 3295 Hydrocarbons, liquid, n.o.s. (Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics), 3, III	UN 3295 HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics), 3, III	UN 3295 HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics), 3, III
14.3. Transport hazard o	class(es)				
3	3		3	3	3
14.4. Packing group	1		1	1	1
					111
14.5. Environmental haz	zards		1	1	
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	D	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information	on available			I	 
Overland transport Classification code (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (AD Portable tank and bulk contai Portable tank and bulk contai (ADR) Tank code (ADR) Vehicle for tank carriage Transport category (ADR) Special provisions for carriage Special provisions for carriage Hazard identification number Orange plates	DR) ner instructions (ADR) ner special provisions e - Packages (ADR) e - Operation (ADR) (Kemler No.)	: MF : T4	1, TP29 BF 2 30 3295		
Transport by sea Special provisions (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG) IBC packing instructions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG)	)G) G)	: 22: : 5 L : E1 : P0 : IB( : T4	3 - 01, LP01 C03 1, TP29 E		

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Properties and observations (IMDG)	: Immiscible with water.
Air transport	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3, A324
ERG code (IATA)	: 3L
Inland waterway transport	
Classification code (ADN)	: F1
Limited quantities (ADN)	: 5L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 0
Rail transport	
Classification code (RID)	: F1
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Colis express (express parcels) (RID)	: CE4
Hazard identification number (RID)	: 30

14.7. Maritime transport in bulk according to IMO instruments

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

#### **REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

#### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List) in concentrations above or equal to the limit values

#### **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

#### **PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

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#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### Detergent Regulation (648/2004)

Labelling of contents	
Component	%
aliphatic hydrocarbons	≥30%
perfumes	

#### Seveso Directive (Disaster Risk Reduction)

Seveso Additional information

: FLAMMABLE LIQUIDS

Flammable liquids, Categories 2 or 3 not covered by P5a and P5b

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 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**

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	

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Abbreviations and acronyms:		
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
РВТ	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Training advice

Other information

Normal use of this product shall imply use in accordance with the instructions on the packaging. Ensure personnel is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.
 DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:		
Asp. Tox. 1	Aspiration hazard, Category 1	
EUH066	Repeated exposure may cause skin dryness or cracking.	
Flam. Liq. 3	Flammable liquids, Category 3	
H226	Flammable liquid and vapour.	
H304	May be fatal if swallowed and enters airways.	

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.