



BOULDERCLEAN



SAFETY DATA SHEET

SDS REPORT

SHANGHAI FINICE COMMODITY CO., LTD.

#3 BLDG, 2388 CHENHANG RD, MINHANG, SHANGHAI

SDS Report No. : SDS202109290202
Compilation Date : October 12, 2021
Trade Name : FINICE LAUNDRY DETERGENT STRIPS (ENZYMATIC BIODEGRADABLE SERIES CLEAN COTTON)
Composition/Ingredient of The Sample : See Section 3 on the SDS
Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.
Summary : As per request, the contents and formats of the SDS are prepared in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878, (EC) No 1272/2008 and are provided per attached.

Signed for and on behalf of FOCO

Technical Center:

Safety Data Sheet

and 1272/2008

Printing Date: October 12, 2021

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Regulation (EC) No. 1907/2006

Version No.: 1.0

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

• **1.1 Product identifier**

- **Trade name:** FINICE LAUNDRY DETERGENT STRIPS (ENZYMATIC BIODEGRADABLE SERIES CLEAN COTTON)
- **Registration number:** No available data.
- **UFI number:** No available data.
- **Other means of identification:** No available data.

• **1.2 Relevant identified uses of the substance or mixture and uses advised against on**

- **Application of the substance/ mixture:** WASHING CLOTHES.
- **Uses advised against:** No data available.
- **Reason why uses advised against:** No data available.

• **1.3 Details of the supplier of the safety data sheet**

• **Manufacturer/ Supplier:**

SHANGHAI FINICE COMMODITY CO., LTD.
#3 BLDG, 2388 CHENHANG RD, MINHANG, SHANGHAI
Tel: +086 18930068728
Email: SALES@FINICE.COM.CN

- **Only Representative/other EU contact point:** No information available.
- **Further information obtainable from:** SHANGHAI FINICE COMMODITY CO., LTD.

• **1.4 Emergency telephone number**

In China

ZHONG JIANJIA

Tel: +086 18930068728 (24 hours available)

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SECTION 2: Hazards identification

• **2.1 Classification of the substance or mixture**

• **2.1.1 Classification according to regulation (EC) 1272/2008:**

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Acute Tox. 4(oral), H302	Calculation method
Skin Irrit.2, H315	Calculation method
Eye Dam. 1, H318	Calculation method
STOT SE 3, H335	Calculation method
Aquatic Chronic 3, H412	Calculation method

• **2.1.2 Additional information:**

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

• **2.2 Label elements**

• **Labeling according to Regulation (EC) No 1272/2008:** The product is labelled according to CLP Regulation. •

Hazard pictograms:



GHS05 GHS07

• **Signal word:** *Danger*

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• **Hazard-determining components of labelling:** Sodium dodecyl sulphate; Alcohols, C12-18, ethoxylated.

• **Hazard statements:**

H302 Harmful if swallowed H315

Causes skin irritation

H318 Causes serious eye damage

H335 May cause respiratory irritation

H412 Harmful to aquatic life with long lasting effects •

• **Precautionary statement:**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

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

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection/ face protection.

P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

• **Supplemental label elements:**

EUH208: Contains proteinase. May produce an allergic reaction.

• **2.3 Other hazards**

None ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII.

None ingredients ($\geq 0.1\%$) identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

• **3.1 Substance**

Not applicable

• **3.2 Mixtures**

• **Description of the mixture:** FINICE LAUNDRY DETERGENT STRIPS (ENZYMATIC BIODEGRADABLE SERIES CLEAN COTTON).

Ingredients:

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Sodium dodecyl sulphate	151-21-3	-	205-788-1	20-55	Flam. Sol. 2, H228 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 3, H412	ATE(oral)= 1228 mg/kg Eye Dam. 1, H318: $C \geq 10\%$ Skin Irrit. 2, H315: $C \geq 20\%$ Eye Irrit. 2, H319: $5\% \leq C < 10\%$
Polyvinyl alcohol	9002-89-5	-	-	5-25	None	-
Water	7732-18-5	-	231-791-2	5-15	None	-

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Alcohols, C12-1, ethoxylated	68213-23-0	-	500-201-8	1-5	Acute Tox. 4, H302 Skin Irrit.2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 3, H412	ATE (oral) = 670 mg/kg Skin Irrit.2, H315: C \geq 20% Eye Dam. 1, H318: C \geq 10% Eye Irrit.2, H319: 5% \leq C < 10% M=1
Glycerin	56-81-5	-	200-289-5	1-5	None	-
PEG-7 Glyceryl Cocoate	68201-46-7	-	-	1-5	None	-
Fatty acids, coco, esters with polyethylene glycol mono-Me ether	77846-79-8	-	-	1-5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	-
Sodium citrate	68-04-2	-	200-675-3	0.5-5	Eye Irrit. 2, H319	-
Saponins	8047-15-2	-	232-462-6	0.1-1	Eye Irrit. 2, H319 STOT SE 3, H335	-
Fragrance	-	-	-	0.01-1	None	-
Proteinase	9001-92-7	-	232-642-4	0.1-0.8	Skin Irrit. 2, H315 STOT SE 3, H335 Resp. Sens. 1, H334	-
Additional information:						
Full text of H- and EUH-rases: see SECT						

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice: If medical advice is needed, have product container or label at hand.

After inhalation: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor/if you feel unwell.

After skin contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

After swallowing: Rinse mouth. Call a POISON CENTER/doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed: Harmful if swallowed; Causes skin irritation; May produce an allergic reaction; Causes serious eye damage; May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed: Treatment according to symptoms, no known specific medicine.

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SECTION 5: Fire-fighting measures

5.1 Extinguishing media

• **Suitable extinguishing agents:** Use CO₂, chemical powder, water spray or alcohol resistant foam to extinguish. • **Unsuitable extinguishing media:** Water with full jet.

• **5.2 Special hazards arising from the substance or mixture:** May produce corrosive dust in air under fire.

5.3 Advice for firefighters

Protective equipment: Wear an approved positive pressure self-contained breathing apparatus (Comply with EN 133).

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Protective equipment: Protective gloves / eye protection/ face protection and respiration protection.

Emergency procedures: Evacuate unprotected personnel; Ensure good ventilation; Wear dust mask; Avoid contact with skin and eyes; Avoid release to the environment. • **6.1.2 For emergency responders**

Personal protective equipment: Protective gloves / eye protection/ face protection and respiration protection.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so; Prevent spillage from entering drains, sewer, basement or confined areas; if the spillage contaminates rivers, lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically with protective gloves; Ensure good ventilation; Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections:

See section 7 for information on safe handling; See section 8 for information on personal protection equipment; See section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Read label before use; Ensure good ventilation/exhaustion at the workplace; Avoid breathing dust; Do not eat, drink or smoke when using this product; Use respiratory protective device against the effect of dust; Avoid contact with skin and eyes; Avoid release to the environment.

• **Information about fire and explosion protection:** Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any non-compatibility

• **Requirements to be met by storerooms and receptacles:** Store in a cool and well-ventilation place.

• **Information about storage in one common storage facility:** Keep out of reach of children.

• **Further information about storage conditions:** Store locked up.

• **Storage class:** 11.

• **7.3 Specific end use(s):** See section 1.2.

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SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters
- Ingredients with limit values that require monitoring at the workplace:

Country	Limit value - Eight hours	Limit value - Short term
9005-25-8 Starch		

Belgium	10 mg/m ³	-
Ireland	10 mg/m ³ Inhalable fraction; 4 mg/m ³ Respirable fraction	-
Spain	10 mg/m ³ inhalable aerosol;	-
United Kingdom	10 mg/m ³ Inhalable fraction; 4 mg/m ³ Respirable fraction	-
56-81-5 Glycerin		
Belgium	10 mg/m ³	-
Finland	20 mg/m ³	-
France	10 mg/m ³	-
Germany (DFG)	200 mg/m ³ Inhalable fraction	400 mg/m ³ Inhalable fraction; 15 minutes average value
Ireland	10 mg/m ³	-
Poland	10 mg/m ³	-
Spain	10 mg/m ³	-
United Kingdom	10 mg/m ³	-

· DNELs:

DNEL type	DNEL worker value	DNEL consumer value
151-21-3 Sodium dodecyl sulphate		
Systemic effects	Long-term, inhalation exposure	285 mg/m ³
	Long-term, dermal exposure	4060 mg/kg bw/day
	Long-term, oral exposure	-
68213-23-0 Alcohols, C12-18, ethoxylated		
Systemic effects	Long-term, inhalation exposure	294 mg/m ³
	Long-term, dermal exposure	2080 mg/kg bw/day
	Long-term, oral exposure	-
56-81-5 Glycerin		
Local Effects	Long-term, inhalation	56 mg/m ³
	Long-term, dermal exposure	10 mg/kg bw/day

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• **PNECs:**

PNEC type	Value
<i>151-21-3 Sodium dodecyl sulphate</i>	
<i>Freshwater</i>	<i>176 µg/L</i>
<i>Intermittent releases (freshwater)</i>	<i>55 µg/L</i>
<i>Marine water</i>	<i>17.6 µg/L</i>
<i>Sewage treatment plant (STP)</i>	<i>1.35 mg/L</i>
<i>Sediment (freshwater)</i>	<i>6.97 mg/kg sediment dw</i>
<i>Sediment (marine water)</i>	<i>697 µg/kg sediment dw</i>
<i>68213-23-0 Alcohols, C12-18, ethoxylated</i>	
<i>Freshwater</i>	<i>48 µg/L</i>
<i>Intermittent releases (freshwater)</i>	<i>4.1 µg/L</i>
<i>Marine water</i>	<i>48 µg/L</i>
<i>Sewage treatment plant (STP)</i>	<i>10 g/L</i>
<i>Sediment (freshwater)</i>	<i>292 mg/kg sediment dw</i>
<i>Sediment (marine water)</i>	<i>292 mg/kg sediment dw</i>
<i>Soil</i>	<i>1 mg/kg soil dw</i>
<i>56-81-5 Glycerin</i>	
<i>Freshwater</i>	<i>885 µg/L</i>
<i>Intermittent releases (freshwater)</i>	<i>8.85 mg/L</i>
<i>Marine water</i>	<i>88.5 µg/L</i>
<i>Sewage treatment plant (STP)</i>	<i>1 g/L</i>
<i>Sediment (freshwater)</i>	<i>3.3 mg/kg sediment dw</i>

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Sediment (marine water)	330 µg/kg sediment dw
68-04-2 Trisodium citrate	
Freshwater	440 µg/L
Marine water	44 µg/L
Sewage treatment plant (STP)	1 g/L
Sediment (freshwater)	34.6 mg/kg sediment dw
Sediment (marine water)	3.46 mg/kg sediment dw

· **Additional information:** The lists valid during the marking were used as basis.

8.2 Exposure controls

B used on the composition shown in section 3, the following measures are suggested for occupational safety measure.

· **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice; See section 7 for information about design of technical facilities.

· **Personal protective equipment** ·

Eye and face protection:



Safety glasses

Protective goggles with side-shields.

· **Skin protection** ·

Hand protection:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

· **Other skin protection:** Gauntlets, boots, bodysuit are recommended.

· **Respiration protection:** Dust mask is necessary.

· **Thermal hazards:** All the personal protective equipment must be heat-resistant.

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

· Physical state	Solid
· Color	White
· Odor & Odor threshold	Characteristic odor

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· Melting point/freezing point (or softening point/range)	Not determined
· Boiling point or initial boiling point and boiling range	216°C (Sodium dodecyl sulphate)
· Flammability	Not flammable solid
· Lower and upper explosion limit	Not applicable
· Flash point	Not applicable
· Auto-ignition temperature	Not applicable
· Decomposition temperature	380°C (Sodium dodecyl sulphate)
· pH	5.5-9.5 at 20°C (10% water solution)
· Kinematic viscosity (mm ² /s)	Not applicable
· Solubility	Soluble in water
· Partition coefficient n-octanol/water (log value)	Not determined
· Vapor pressure	Not determined
· Density and/or relative density	Not determined
· Relative vapor density	Not determined
· Particle characteristics	Not determined
· 9.2 Other information	
· 9.2.1 Information with regard to physical hazard classes:	
· Explosives	Not applicable
· Flammable gases	Not applicable
· Aerosols	Not applicable
· Oxidising gases	Not applicable
· Gases under pressure	Not applicable
· Flammable liquids	Not applicable
· Flammable solids	Not applicable
· Self-reactive substances and mixtures	Not applicable
· Pyrophoric liquids	Not applicable
· Pyrophoric solids	Not applicable
· Self-heating substances and mixtures	Not applicable
· Substances and mixtures, which emit flammable gases in contact with water	Not applicable
· Oxidizing liquids	Not applicable
· Oxidizing solids	Not applicable
· Organic peroxides	Not applicable
· Corrosive to metals	Not applicable
· Desensitised explosives	Not applicable

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· 9.2.2 Other safety characteristics	
· Mechanical sensitivity	<i>Not applicable</i>
· Self-accelerating polymerisation temperature	<i>Not applicable</i>
· Formation of explosible dust/air mixtures	<i>Not applicable</i>
· Acid/alkaline reserve	<i>Not applicable</i>
· Evaporation rate	<i>Not applicable</i>
· Miscibility	<i>Not applicable</i>
· Conductivity	<i>Not applicable</i>
· Corrosiveness	<i>Not applicable</i>
· Gas group	<i>Not applicable</i>
· Redox potential	<i>Not applicable</i>
· Radical formation potential	<i>Not applicable</i>
· Photocatalytic properties	<i>Not applicable</i>
· Other physical and chemical parameters	<i>Not determined</i>

SECTION 10: Stability and reactivity

- 10.1 Reactivity:** *The product is no-reactive under normal conditions of use, storage and transport.*
- 10.2 Chemical stability:** *Under storage at normal ambient temperatures, the product is stable.*
- 10.3 Possibility of hazardous reactions:** *No known hazardous reaction.*
- 10.4 Conditions to avoid:** *High temperature and flame.*
- 10.5 Incompatible materials:** *Strong acids, oxidizing agents and flammable substance.*
- 10.6 Hazardous decomposition products:** *Does not decompose when used for intended uses.*

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SECTION 11: Toxicological information

• **11.1 Information on toxicological effects**

• **Acute toxicity:** Harmful if swallowed.

ATE _{mix} (oral)	=	1913mg/kg
ATE _{mix} (dermal)	>	2000mg/kg
ATE _{mix} (inhal.)	>	5mg/l (dust/mist)

LD50/LC50 values relevant for classification:

151-21-3 Sodium dodecyl sulphate

Rat	LD50-oral	1228mg/kg
	LC50- inhalation	> 3900mg/m ³

68213-23-0 Alcohols, C12-18, ethoxylated

Rat	LD50-oral	670mg/kg
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Remark: All the above data are from literature.

• **Skin corrosion/irritation:** Causes skin irritation.

• **Serious eyes damage/ irritation:** Causes serious eye damage.

• **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.

• **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

• **Carcinogenicity:** Based on available data, the classification criteria are not met.

• **Reproductive toxicity:** Based on available data, the classification criteria are not met.

• **Summary of evaluation of the CMR properties:** This mixture is not classified as CMR mixture.

• **STOT-single exposure:** May cause respiratory irritation.

• **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

• **Aspiration hazard:** Based on available data, the classification criteria are not met.

11.2 Information on other hazards 11.2.1

Endocrine disrupting properties:

None ingredient (≥0.1%) is considered to have endocrine-disrupting properties with respect to humans as it meets the criteria set out in section A of Regulation (EU) No 2017/2100.

11.2.2 Other information: No known other relevant information on adverse health effects.

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SECTION 12: Ecological information**• 12.1 Toxicity**

LC50/EC50/NOEC values relevant for classification:	
<i>151-21-3 Sodium dodecyl sulphate</i>	
<i>Short-term toxicity to fish</i>	<i>LC50 (4 days) 29 mg/L</i>
<i>Long-term toxicity to fish</i>	<i>NOEC (42 days) 1.357 mg/L</i>
<i>Short-term toxicity to aquatic invertebrates</i>	<i>LC50 (48 h) 3.15 - 5.55 mg/L</i>
<i>Long-term toxicity to aquatic invertebrates</i>	<i>NOEC (7 days) 880 - 1 200 µg/L</i>
<i>Toxicity to aquatic algae and cyanobacteria</i>	<i>EC50 (72 h) 53 - 120 mg/L</i> <i>NOEC (72 h) 30 mg/L</i>
<i>68213-23-0 Alcohols, C12-18, ethoxylated</i>	
<i>Short-term toxicity to fish</i>	<i>LC50 (4 days) 876 - 1 200 µg/L</i>
<i>Long-term toxicity to fish</i>	<i>NOEC (30 days) 110 - 330 µg/L</i>
<i>Short-term toxicity to aquatic invertebrates</i>	<i>EC50 (48 h) 2.7 mg/L</i>
<i>Long-term toxicity to aquatic invertebrates</i>	<i>NOEC (21 days) 770 - 1 750 µg/L</i>
<i>Toxicity to aquatic algae and cyanobacteria</i>	<i>EC50 (72 h) 190 - 410 µg/L</i> <i>NOEC (72 h) 78 - 310 µg/L</i>
<i>Toxicity to microorganisms</i>	<i>EC50 (16.9 h) 10 g/L</i>

• 12.2 Persistence and degradability:

<i>151-21-3</i>	<i>Sodium dodecyl sulphate</i>	<i>Readily biodegradable according to OECD criteria: 95% after 28 days based on CO₂ evolution (OECD 301 B).</i>
<i>68213-23-0</i>	<i>Alcohols, C12-18, ethoxylated</i>	<i>Readily biodegradable in water</i>

• 12.3 Bio-accumulative potential:

<i>151-21-3</i>	<i>Sodium dodecyl sulphate</i>	<i>Log Pow= -2.03 at 20°C</i>
<i>68213-23-0</i>	<i>Alcohols, C12-18, ethoxylated</i>	<i>Log Pow = 2.03 - 7.72 at 24 °C</i>

• 12.4 Mobility in soil:

<i>151-21-3</i>	<i>Sodium dodecyl sulphate</i>	<i>Log Koc = 2.5 - 2.65</i>
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1- 2.5 Results of PBT and vPvB assessment*This mixture does not contain**any substances ($\geq 0.1\%$) that are assessed to be a PBT or a vPvB.***· 12.6 Endocrine disrupting properties:***None ingredient ($\geq 0.1\%$) does not have endocrine disrupting properties with respect to non-target organisms as it does not meet the criteria set out in section B of Regulation (EU) No 2017/2100.***· 12.7 Other adverse effects:** *No known other adverse effects.***· 12.8 Additional ecological information***(German Regulation) (self-assessment): Hazard to waters.***· General notes:** WGK2*Do not allow the product to reach ground water, water course or sewage system.***SECTION 13: Disposal consideration****· 13.1 Waste treatment methods****· Recommendation:** *Must not be disposed together with household garbage.***· 13.2 Un-cleaned packaging****· Recommendation:** *Dispose of contents/container in according to the local/regional/national/ international regulation.***SECTION 14: Transport information****· 14.1 UN-Number**

ADR, RID, ADN, IMDG, IATA

*Not regulated as dangerous transport goods, not applicable***· 14.2 UN proper shipping name**

ADR, RID, ADN, IMDG, IATA

*Void***· 14.3 Transport hazard class (es)**

ADR, RID, ADN, IMDG, IATA

Class

Void

Label

*Void***· 14.4 Packing group**

ADR, RID, ADN, IMDG, IATA

*Void***· 14.5 Marine pollution***No***· 14.6 Special precautions for user****· Danger code (Kemler)***Void***· EMS number***Void**Void***· 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code***Void*

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- *Seveso category: Not applicable*
- *Qualifying quantity (tonnes) for the application of lower-tier requirements: Not applicable*
- *Qualifying quantity (tonnes) for the application of upper-tier requirements: Not applicable*
- *National regulations.*
- *Water hazard class: WGK2 (German Regulation) (self-assessment): Hazard to waters.*
- *Other regulations, limitations and prohibitive regulations*
- *SVHC Candidate list of REACH Regulation Annex XIV Authorization: None of the ingredients is listed.*
- *REACH Regulation Annex XVII Restriction: None of the ingredients is listed.*
- *REACH Regulation Annex XIV Authorization List: None of the ingredients is listed.*
- *15.2 Chemical safety assessment: A Chemical Safe Assessment has not been carried out.*

SECTION 15: Regulatory information

- *15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture*
- *MAK (German Maximum Workplace Concentration): None of the ingredients is listed*
- *Directive 2012/18/EU*
- *Named dangerous substances-ANNEX I: None of the ingredients is listed.*

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SECTION 16: Other information

• 16.1 Indication of changes:

None.

16.2 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).

IMDG: International Maritime Code for Dangerous Goods.
Association.

IATA: International Air Transport

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration

(REACH) PBT: Persistent, Bio accumulative and

Toxic vPvB: very persistent and very bio
accumulative

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

Flam. Sol. 2: Flammable solid, hazard category 2

Acute Tox. 4: Acute toxicity-oral, hazard category 4

Skin Irrit. 2: Skin corrosion/irritation, hazard category 2

Eye Irrit. 2: Eye damage/irritation, hazard category 2

Eye Dam. 1: Eye damage/irritation, hazard category 1

Resp. Sens. 1: Respiratory or skin sensitisation, hazard category 1

STOT SE 3: Specific target organ toxicity after single exposure, hazard category 3

Aquatic Chronic 3: Hazardous to the aquatic environment-chronic toxic, hazard category 3

• 16.3 Key literature references and sources for data:

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

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<http://www.imo.org/>

<https://www.dguv.de/>

<https://epa.govt.nz/> <http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

• **16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:** See SECTION 2.1 (classification).

• **16.5 Relevant H- and EUH-phrases (number and full text):**

H228 Flammable solid

H302 Harmful if swallowed

H315 Causes skin irritation

H318 Causes serious eye damage

H319 Causes serious eye irritation

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335 May cause respiratory irritation

H412 Harmful to aquatic life with long lasting effects

• **16.6 Training advice:**

Workers must be educated and trained so they can read SDS and understand the hazards, and know how to work safely with hazardous products.

• **16.7 Further information**

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

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End of safety data sheet

