

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

1.1. Product identifier

Product form : Mixture
 Product name : STAIN WASH POWER
 Product code : 1113
 Type of product : Detergent
 Product group : Mixture

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

1.2.1. Relevant identified uses

Main use category : Professional use
 Description/Application : Stain remover for textiles

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Christeyns France S.A.
 rue de la Maladrie 31
 F-44120 VERTOU - FRANCE
 T +33 (0)240 80 27 27 - F +33 (0)240 03 09 73
health-security@christeyns.fr - www.christeyns.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
France	INRS		+33 1 45 42 59 59	
United Kingdom	National Poisons Information Service Medical Toxicology Unit		0870 243 2241	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, H318
 Category 1

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

CLP Signal word : Danger
 Hazardous ingredients : Alcohols ethoxylated
 Hazard statements (CLP) : H318 - Causes serious eye damage
 Precautionary statements (CLP) : P280 - Wear eye 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

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohols ethoxylated	(CAS-no) 68213-23-0 (REACH-no) exemption polymer	< 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Alcohols, ethoxylated, sulfates, sodium salts	(CAS-no) 68891-38-3 (REACH-no) 01-2119488639-16	< 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Sodium cumenesulfonate	(CAS-no) 15763-76-5 (Einecs nr) 239-854-6 (REACH-no) 01-2119489411-37	< 5	Eye Irrit. 2, H319
1-(3-methoxypropoxy)propan-1-ol substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (FR, GB)	(CAS-no) 34590-94-8 (Einecs nr) 252-104-2 (REACH-no) 01-2119450011-60	<= 5	Not classified
Alcohol ethoxylated	(CAS-no) 157627-86-6 (REACH-no) exemption polymer	< 3	Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Subtilisin substance with national workplace exposure limit(s) (GB)	(CAS-no) 9014-01-1 (Einecs nr) 232-752-2 (REACH-no) 01-2119480434-38	< 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Alcohols, ethoxylated, sulfates, sodium salts	(CAS-no) 68891-38-3 (REACH-no) 01-2119488639-16	(5,01 =<C < 10) Eye Irrit. 2, H319 (10 =<C < 100) Eye Dam. 1, H318
Alcohol ethoxylated	(CAS-no) 157627-86-6 (REACH-no) exemption polymer	(10,01 =<C < 100) Eye Dam. 1, H318

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : In case of doubt or persistent symptoms, consult always a physician. For symptom description, see item 11.

Inhalation : In case of malaise, seek medical advice.

Skin contact : Take off contaminated clothes. Wash off with plenty of water.

Eye contact : Rinse immediately and plentifully with water and take medical advice.

Ingestion : If swallowed, seek medical advice immediately and show this container or label.

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

Acute effects inhalation : No specific information available.

Acute effects skin : No data available.

Acute effects eyes : Causes serious eye damage.

Acute effects oral route : No data available.

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 : The product itself does not burn. In fire case not far from, any kind of extinguisher can be used. Foam, powder, carbon dioxide (CO₂), water spray.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Protection during firefighting : Use a self-contained breathing apparatus and also a protective suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

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Protective equipment : Concerning personal protective equipment to use, see section 8.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Wash away remainder with plenty of water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not eat, drink or smoke when using this product. Shower, eyes shower and water point in proximity.

Hygiene measures : Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Only store product in original container.

Storage temperature : 5 - 40 °C

Material(s) to avoid : Not determined.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1-(3-methoxypropoxy)propan-1-ol (34590-94-8)		
EU	Local name	(2-Methoxymethylethoxy)-propanol
EU	IOELV TWA (mg/m³)	308 mg/m³
EU	IOELV TWA (ppm)	50 ppm
EU	Notes	Skin
France	Local name	(2-méthoxyméthyléthoxy)-propanol
France	VME (mg/m³)	308 mg/m³
France	VME (ppm)	50 ppm
France	Note (FR)	Valeurs réglementaires contraignantes; risque de pénétration percutanée
United Kingdom	Local name	(2-methoxymethylethoxy) propanol
United Kingdom	WEL TWA (mg/m³)	308 mg/m³
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Subtilisin (9014-01-1)		
United Kingdom	Local name	Subtilisins (Bacillus subtilis Carlsberg)
United Kingdom	Remark (WEL)	Sen (Capable of causing occupational asthma. See paragraphs 53–56)

Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	2750 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	175 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	15 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	52 mg/m³
Long-term - systemic effects, dermal	1650 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0,24 mg/l
PNEC aqua (marine water)	0,024 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0,9168 mg/kg dwt
PNEC sediment (marine water)	0,09168 mg/kg dwt

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Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)	
PNEC (Soil)	
PNEC soil	0,946 mg/kg dwt
1-(3-methoxypropoxy)propan-1-ol (34590-94-8)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	65 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	310 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	1,67 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	37,2 mg/m³
Long-term - systemic effects, dermal	15 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	19 mg/l
PNEC aqua (marine water)	1,9 mg/l
PNEC aqua (intermittent, freshwater)	190 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	70,2 mg/kg dwt
PNEC sediment (marine water)	7,02 mg/kg dwt
PNEC (Soil)	
PNEC soil	2,74 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	4168 mg/l

8.2. Exposure controls

Hand protection:

not required

Eye protection:

safety goggles (EN 166)

Protective equipment:

No special required clothing

Respiratory protection:

Not required

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Physical state/form	: Liquid.
Colour	: Colourless.
Odour	: No.
Odour threshold	: No data available
pH	: 7 - 9,5 (100%)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point/range	: No data available
Freezing point	: No data available
Boiling point/Boiling range	: No data available
Flash point	: Not applicable
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1,02 - 1,05
Solubility	: Water: 100% (20°C)
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

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Explosive properties : No data available
Oxidising properties : No data available
Explosive 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

Stable in use and storage conditions as recommended in item 7.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Temperatures below 0°C. High temperatures.

10.5. Incompatible materials

Do not mix with other products.

10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)	
LD50 oral rat	> 4100 mg/kg OCDE 401
LD50 dermal rat	> 2000 mg/kg OCDE 402
Alcohols ethoxylated (68213-23-0)	
LD50 oral rat	2000 mg/kg
1-(3-methoxypropoxy)propan-1-ol (34590-94-8)	
LD50 oral rat	> 4000 mg/kg
LD50 dermal rabbit	9500 mg/kg

Skin corrosion/irritation : Not classified
pH: 7 - 9,5 (100%)
Serious eye damage/irritation : Causes serious eye damage.
pH: 7 - 9,5 (100%)
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not classified according 1272/2008/CE.

Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)	
LC50 fish 1	7,1 mg/l OCDE 203
EC50 Daphnia 1	7,2 mg/l
EC50 72h algae (1)	27,7 mg/l
1-(3-methoxypropoxy)propan-1-ol (34590-94-8)	
LC50 fish 1	10000 mg/l
EC50 Daphnia 1	1919 mg/l

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Alcohol ethoxylated (157627-86-6)	
LC50 fish 1	1,1 (1 - 10) mg/l
EC50 Daphnia 1	0,11 (0,1 - 1) mg/l

12.2. Persistence and degradability

STAIN WASH POWER	
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)	
Persistence and degradability	Readily biodegradable.

Alcohols ethoxylated (68213-23-0)	
Persistence and degradability	Readily biodegradable.

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

Component	
Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Sodium cumenesulfonate (15763-76-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
Alcohols ethoxylated (68213-23-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1-(3-methoxypropoxy)propan-1-ol (34590-94-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Alcohol ethoxylated (157627-86-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of in accordance with relevant local regulations.
Waste / unused products : Avoid undiluted product to come into sewer or superficial water.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : Not applicable

14.2. UN proper shipping name

Proper shipping name : Not applicable

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

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14.7. Transport in bulk according to Annex II of Marpol 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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

CESIO recommendations : The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Other information, restriction and prohibition regulations : Not affected by the conditions of restriction _ ANNEXE XVII.

Detergent Regulation : Labelling of contents:

Component	%
Non-ionic surfactants	5-15%
anionic surfactants	<5%
Enzymes	

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
2		Modified	
8		Modified	
12.		Modified	
15.1		Modified	
16		Modified	

Other information : It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users. Such information is actually to be best of our knowledge and believes accurate as reliable. This information relates to the specific material designated and may not be valid in combination with other product(s). EC Regulation 1272/2008 and its amendments.

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Eye Dam. 1	H318	Calculation method

It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product