

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Review date: 24/01/2023 Supersedes version of: 12/09/2019 Version: 1.1

SECTION 1: Identification of the substant 1.1. Product identifier	tance/mixture and of the company/undertaking			
Product form	: Mixture			
Product name	: Green'R Superconcentrates 5 Kitchen Cleaner			
UFI	: HR40-Y0GS-P00U-6HM6			
Product code	: 00005			
Type of product	: Detergent			
1.2. Relevant identified uses of the substa	nce or mixture and uses advised against			
1.2.1. Relevant identified uses				
Main use category	: Professional use			
Use of the substance/mixture	: Cleaning/washing agents and additives			
Function or use category	: Cleaning/washing agents and additives			
1.2.2. Uses advised against				
Restrictions on use	: The product should not be used for purposes other than those shown above without first referring to the supplier and obtaining written handling instructions			
1.3. Details of the supplier of the safety da	ata sheet			
Manufacturer	Distributor			
Christeyns NV	Casoria Company Ltd. Ltd			
Afrikalaan 182 9000 GENT	1 Farnham Street IE– H12 A9K0 Cavan – Co. Cavan			
Belgium	Ireland			
T +32 (0)9/ 223 38 71 - F +32 (0)9/ 233 03 44	T 00353 49 4361869 - F 00353 49 436 1869			
info@christeyns.be - www.christeyns.com	sds@casoria.ie - www.casoria.ie			
Distributor	Distributor			
Christeyns UK Ltd.	Christeyns Technologies Ltd.			
Rutland Street	Mazars, Block 3, Harcout Centre, Harcourt Road			
GB– Bradford BD4 7EA United Kingdom	IE– 2 Dublin Ireland			
T +44 (0)1274 39 32 86 - F +44 (0)1274 30 91 43	T +353 1 8146022			
info@christeyns.be - www.christeyns.com				
Distributor				
Christeyns Food Hygiene Ltd. Ltd				
2, Cameron Court, Winwick Quay				

	3 96 - F +44 (0)1925 23 46 93 ayns.com - www.christeyns.com			
1.4. Emergency t	elephone number			
Country	Official advisory body		Address	

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

### **SECTION 2:** Hazards identification 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]		
Skin corrosion/irritation, Category 2	H315	
Serious eye damage/eye irritation, Category 1	H318	
Full text of H- and FUH-statements: see section 16		

## Adverse physicochemical, human health and environmental effects

No additional information available

GB- WA2 8RE Warrington - Cheshire

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/ Hazard pictograms (CLP)	2008 [CLP]
	GHS05
CLP Signal word	: Danger
Contains	: C10 Guerbet (2-propylheptyl) fatty acid ethoxylate 6EO
Hazard statements (CLP)	: H315 - Causes skin irritation. H318 - Causes serious eye damage.
Precautionary statements (CLP)	<ul> <li>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</li> <li>P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes.</li> <li>Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.</li> <li>P302+P352 - IF ON SKIN: Wash with plenty of water.</li> <li>P332+P313 - If skin irritation occurs: Get medical advice/attention.</li> </ul>
2.2 Other hererde	

#### 2.3. Other hazards

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

Component	
Alcohols, C12-14, 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

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 is not 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]
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS-no: 68891-38-3 Einecs nr: 500-234-8 REACH-no: 01-2119488639- 16	5 – 10	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
C10 Guerbet (2-propylheptyl) fatty acid ethoxylate 6EO	CAS-no: 160875-66-1 Einecs nr: 605-233-7	5 – 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Potassium oleate	CAS-no: 143-18-0 Einecs nr: 205-590-5	1 – 3	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Isopropanol substance with national workplace exposure limit(s) (BE, BG, DE, DK, EE, ES, FI, FR, GB, GR, HU, LT, LV, PL, PT, RO, SE, SI, SK, NO, CH)	CAS-no: 67-63-0 Einecs nr: 200-661-7 EG annex nr: 603-117-00-0 REACH-no: 01-2119457558- 25	1 – 3	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
PEG-4 RAPESEEDAMIDE	CAS-no: 85536-23-8 Einecs nr: 617-719-6 REACH-no: 01-2119565130- 50	1 – 3	Skin Irrit. 2, H315

#### **Specific concentration limits:**

Name	Product identifier	Specific concentration limits
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS-no: 68891-38-3 Einecs nr: 500-234-8 REACH-no: 01-2119488639- 16	( 5 ≤C < 10) Eye Irrit. 2, H319 ( 10 ≤C < 100) Eye Dam. 1, H318
Full text of H- and EUH-statements: see section 16		

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 4: First aid measures	
4.1. Description of first aid measures	
General advice	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
Skin contact	: Wash with plenty of water/ Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label).
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/doctor.
Ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects, be Acute effects skin	oth acute and delayed : Causes skin irritation.
Acute effects eyes	: Causes serious eye damage.
4.3. Indication of any immediate medical atter	
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
<b>5.2. Special hazards arising from the substan</b> No additional information available	ice or 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 the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release measures	S
6.1. Personal precautions, protective equipme	ent and emergency procedures
6.1.1. For non-emergency personnel	
	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
	: Equip cleanup crew with proper protection.
0 91	: Ventilate area.
6.2. Environmental precautions Prevent entry to sewers and public waters. Notify author	orities if liquid enters sewers or public waters
6.3. Methods and material for containment an	
	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
<b>6.4. Reference to other sections</b> See Section 8. Exposure controls and personal protect	tion.
SECTION 7: Handling and storage 7.1. Precautions for safe handling	
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 vapour.
Hygiene measures	: Wash hands, forearms and face thoroughly after handling.
<b>7.2. Conditions for safe storage, including an</b> Storage conditions	y incompatibilities : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
	: Sources of ignition. Direct sunlight.
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**7.3. Specific end use(s)** No additional information available

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

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

### Isopropanol (67-63-0)

#### **United Kingdom - Occupational Exposure Limits**

Local name	Propan-2-ol
WEL TWA (OEL TWA) [1]	999 mg/m³
WEL TWA (OEL TWA) [2]	400 ppm
WEL STEL (OEL STEL)	1250 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	500 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

#### 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** No additional information available

#### 8.2.2. Personal protection equipment Personal protective equipment:

Avoid all unnecessary exposure.

#### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses with side shields (EN 166)

#### 8.2.2.2. Skin protection

Protective equipment:

Wear suitable protective clothing minimum (EN 13034) Type 6 equipment

#### Hand protection:

Chemical resistant PVC gloves (to European standard EN 374 or equivalent)

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

No personal breathing protective equipment is normally required.

## 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### 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

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## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Freezing point	: Not available
Boiling point/Boiling range	: > 100 °C
Flammability	: Non flammable.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available
Autoignition temperature	: > 250 °C
Decomposition temperature	: > 200 °C
рН	: 8
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 20 – 40 mPa.s
Solubility	: Water: 100 %
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: ≈ 1.03 g/cm³
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable
9.2 Other information	

#### 9.2. Other information

9.2.1. Information with regard to physical hazard classes No additional information available

### 9.2.2. Other safety characteristics

No additional information available

#### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No additional information available **10.2. Chemical stability** Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

#### **10.4. Conditions to avoid** Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

#### **SECTION 11: Toxicological information**

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

C10 Guerbet (2-propylheptyl) fatty acid ethoxylate 6EO (160875-66-1)		
ATE CLP (oral)	LP (oral) 500 mg/kg bodyweight	
PEG-4 RAPESEEDAMIDE (85536-23-8)		
LD50 oral	> 2000 mg/kg bodyweight	
LD50 dermal	> 2000 mg/kg bodyweight	
Isopropanol (67-63-0)		
LD50 oral rat	5840 mg/kg (OECD Guideline 401)	
ATE CLP (oral)	5840 mg/kg bodyweight	

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)		
LD50 oral rat	> 4100 mg/kg OCDE 401	
LD50 dermal rat	> 2000 mg/kg OCDE 402	
ATE CLP (oral)	4100 mg/kg	
ATE CLP (dermal)	2000 mg/kg	
Skin corrosion/irritation	: Causes skin irritation.	
	pH: 8	
Serious eye damage/irritation	: Causes serious eye damage.	
<b>-</b>	pH: 8	
Respiratory or skin sensitisation Additional information	: Not classified : Based on available data, the classification criteria are not met	
Germ cell mutagenicity	: Not classified	
Additional information	: Based on available data, the classification criteria are not met	
Carcinogenicity	: Not classified	
Additional information	: Based on available data, the classification criteria are not met	
Isopropanol (67-63-0)		
IARC group	3 - Not classifiable	
Reproductive toxicity	: Not classified	
Additional information	: Based on available data, the classification criteria are not met	
STOT-single exposure	: Not classified	
Additional information	: Based on available data, the classification criteria are not met	
Isopropanol (67-63-0)		
STOT-single exposure	May cause drowsiness or dizziness.	
STOT-repeated exposure Additional information	: Not classified : Based on available data, the classification criteria are not met	
Aspiration hazard	: Not classified	
Additional information	: Based on available data, the classification criteria are not met	
11.2. Information on other hazards		
11.2.1. Endocrine disrupting properties		
No additional information available		
<b>11.2.2. Other information</b> Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met	
SECTION 12: Ecological information		
<b>12.1. Toxicity</b> Hazardous to the aquatic environment, short-term	: Not classified	
(acute) Hazardous to the aquatic environment, long-term	: Not classified	
(chronic)		
Not rapidly degradable		
C10 Guerbet (2-propylheptyl) fatty acid etho		
EC50 - Other aquatic organisms [1]	> 10 mg/l waterflea	
EC50 - Other aquatic organisms [2]	> 10 mg/l	
PEG-4 RAPESEEDAMIDE (85536-23-8)		
LC50 - Fish [1]	4.2 mg/l	
EC50 - Other aquatic organisms [1]	9.5 mg/l waterflea	
EC50 - Other aquatic organisms [2]	2410 mg/l	
	2110 119/1	
NOEC chronic crustacea	0.4 ml/l OECD 211	

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Alcohols, C12-14, ethoxylated, sulfates, sodi	um salts (68891-38-3)
LC50 - Fish [1]	7.1 mg/l OCDE 203
EC50 - Crustacea [1]	7.2 mg/l
EC50 72h - Algae [1]	27.7 mg/l
EC50 96h - Algae [1]	7.5 mg/l
NOEC chronic crustacea	0.27 mg/l
NOEC chronic algae	0.95 mg/l
Potassium oleate (143-18-0)	
LC50 - Fish [1]	10 – 100 mg/l
12.2. Persistence and degradability	
Green'R Superconcentrates 5 Kitchen Clean	er
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, C12-14, ethoxylated, sulfates, sodi	um salts (68891-38-3)
Persistence and degradability	Readily biodegradable, according to appropriate OECD test.
Potassium oleate (143-18-0)	
Persistence and degradability	Biodegradable.
12.3. Bioaccumulative potential	
Green'R Superconcentrates 5 Kitchen Clean	er
Bioaccumulative potential	Not established.
PEG-4 RAPESEEDAMIDE (85536-23-8)	
Log Pow	5
Isopropanol (67-63-0)	
Log Pow	0.05
Potassium oleate (143-18-0)	
Bioaccumulative potential	There is no bioaccumulation.
<b>12.4. Mobility in soil</b> No additional information available <b>12.5. Results of PBT and vPvB assessment</b>	
Component	
Alcohols, C12-14, 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
<b>12.6. Endocrine disrupting properties</b> No additional information available <b>12.7. Other adverse effects</b> Additional information	: Avoid release to the environment.
SECTION 13: Disposal considerations 13.1. Waste treatment methods Product/Packaging disposal recommendations Waste / unused products	: Dispose in a safe manner in accordance with local/national regulations. : Avoid release to the environment.

### Safety Data Sheet

HP

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

P Code	<ul> <li>: HP3 - "Flammable:" <ul> <li>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 &gt; 55 °C and ≤ 75 °C;</li> <li>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;</li> <li>flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;</li> <li>flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;</li> </ul> </li> </ul>
	<ul> <li>water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;</li> </ul>
	<ul> <li>other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.</li> </ul>
	HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

# SECTION 14: Transport information

ADR	IMDG	ΙΑΤΑ
14.1. UN number or ID number		·
Not applicable	Not regulated	Not regulated
14.2. UN proper shipping name		
Not applicable	Not regulated	Not regulated
14.3. Transport hazard class(es)		·
Not applicable	Not regulated	Not regulated
14.4. Packing group		
Not applicable	Not regulated	Not regulated
14.5. Environmental hazards		
Not applicable Not regulated Not regulated		

### 14.6. Special precautions for user

# Overland transport

Not applicable

#### Transport by sea

Not regulated

#### Air transport

Not regulated

**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)

#### 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)

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### 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	%	
non-ionic surfactants, anionic surfactants	5-15%	
SODIUM BENZOATE		
perfumes		

#### **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

Indication of changes

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

#### **SECTION 16: Other information**

Indication of changes			
Section Changed item		Change	Comments
	Supersedes	Added	
	Review date	Modified	
3	Composition/information on ingredients	Modified	
13.1	HP Code	Added	

: None.

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling 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

### Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
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	
Flam. Liq. 2	Flammable liquids, Category 2	
H225	Highly flammable liquid and vapour.	
H302	Harmful if swallowed.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H336	May cause drowsiness or dizziness.	
H412	Harmful to aquatic life with long lasting effects.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis	

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
Safety Data Sheet (SDS), EU		

ety Data Sheet (SDS), EL

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.