SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issuing Date: 21-Jan-2022 **Revision date** 21-Jan-2022 **Revision Number** 1

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

1.1. Product identifier

Product Identifier FP-22000165-1_RANDD_CLPR7
Product Name Ariel Formula Pro Plus
Product Form Mixture

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

Recommended Use Intermediate
Uses advised against No information available
Product category Unpackaged Bulk Product. This Safety Data Sheet must not be used for Packaged Consumer Product

1.3. Details of the supplier of the safety data sheet

Manufacturer
P&G - Newcastle Innovation Centre. Whitley Road, Longbenton, Newcastle upon Tyne, Tyne & Wear. NE12 9TS. UK.

For further information, please contact
E-mail address pgsds.im@pg.com

1.4. Emergency telephone number

Emergency Telephone EUROPE: CONTACT CHEMTREC (24 hr) +(41) 22 58 004 8213 (day phone); BELGIUM: Centre Antipoison/ Antigifcentrum: 070/245.245 BENELUX FR: Centre Antipoison 070/245.245, Chemtrec: +(32)-28083237; BULGARIA: +359 32 570 104; CZECH REPUBLIC: Chemtrec +(420)-228880039; DENMARK: Alarmcentralen, telefon 112 (Giftlinjen: 82 12 12 12): ESTONIA: +372 668 1294; FINLAND: Myrkytystietokeskus, Puhelin 09-471 977: FRANCE: Chemtrec +(33)-975181407; N° d'appel d'urgence Orfila : 01 45 42 59 59; GERMANY: Chemtrec 0800-181-7059; +49 (0) 6131-232466 (24h); GREECE: Τηλ. Κέντρου Δηλητηριάσεων: 210-7793777; HUNGARY: Chemtrec +(36)-18088425; 06 80 20 11 99; IRELAND: 1800 509 497; ITALY: Chemtrec 800-789-767; Numero di emergenza: 06 50971; LATVIA: Ārkārtas situācijās zvanīt uz Saindēšanās informācijas centru - tel. 67042473; LITHUANIA: +370 5 214 0238; NETHERLANDS: Chemtrec +(31)-858880596; Nationaal Vergiftigingen Informatie Centrum: Tel. 030 - 2748888 (Uitsluitend voor een behandelde arts bereikbaar in geval van accidentele vergiftigingen); NORWAY: Nødnummer: 113 (Giftinformasjonssentralen, telefon 22 59 13 00) POLAND: Chemtrec +(48)-223988029; tel. alarmowy 112 lub 801 25 88 25 (poniedziałek – piątek, godz. 8:30 -17); PORTUGAL: Tel. emergência CIAV: 808 250 143; RUSSIA Chemtrec 8-800-100-6346; ROMANIA: 021 3183606 SLOVAKIA: Toxikologické informačné centrum +421 2 5477 4166; SPAIN: Chemtrec +34-931768545; 91. 722. 21.00; SWEDEN: Chemtrec +(46)-852503403; Giftinformationscentralen, telefon 112.; SWITZERLAND: 145 (24h); TURKEY: 0 800 261 63 65 – 0 216 463 80 00 (Mesai günleri saat 09.00 ile 17.00 arasında ulaşabilirsiniz.) Ulusal Zehir Merkezi: 114; UK: Chemtrec +44 20 3807 3798; 0800 328 8304

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)

2.2. Label elements

Contains Sodium Carbonate Peroxide, Sodium Dodecylbenzenesulfonate, Sodium Silicate, C12-14 Pareth-n

Signal word
Danger

Hazard statements
H315 - Causes skin irritation
H318 - Causes serious eye damage

Precautionary Statements - EU (§28, 1272/2008)
P264 - Wash face, hands and any exposed skin thoroughly after handling
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/physician
P362 + P364 - Take off contaminated clothing and wash it before reuse

2.3. Other hazards

No information available.

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances
Not applicable

3.2 Mixtures

Chemical Name	CAS No	weight-%	REACH registration number	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Sodium Carbonate Peroxide	15630-89-4	10 - 20	01-2119457268-30	239-707-6	Ox. Sol. 3(H272) Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318)	Eye Dam. 1 :: 25%<=C<100% Eye Irrit. 2 :: 10%<=C<25%	-	-
Sodium Carbonate	497-19-8	10 - 20	01-2119485498-19	207-838-8	Eye Irrit. 2(H319)	-	-	-
Sodium Dodecylbenzenesulfonate	68081-81-2	5 - 10	No data available	268-356-1	Acute Tox. 4 (Oral)(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Aquatic Chronic	-	-	-

					3(H412)			
Citric Acid	5949-29-1	1 - 5	01-2119457026-42	201-069-1	Eye Irrit. 2(H319)	-	-	-
Sodium Silicate	1344-09-8	1 - 5	01-2119448725-31	215-687-4	Skin Irrit. 2(H315) Eye Dam. 1(H318) STOT SE 3(H335)	-	-	-
C12-14 Pareth-n	68439-50-9	1 - 5	No data available	Polymer	Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318) Aquatic Chronic 3(H412)	-	-	-
Phthalimidoperoxycaproic Acid	128275-31-0	<1	No data available	410-850-8	Org. Perox. D(H242) Eye Dam. 1(H318) Aquatic Acute 1(H400) Aquatic Chronic 3(H412)	-	-	-

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

Acute Toxicity Estimate
No information available

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur.

Eye contact Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

Skin contact Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

Ingestion Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician. Do not induce vomiting without medical advice.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

Symptoms Burning sensation.

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

Note to physicians Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	None in particular.

5.3. Advice for firefighters

Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation.
Other information	Refer to protective measures listed in Sections 7 and 8.
For emergency responders	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions	Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal.
Prevention of secondary hazards	Powdered material may form explosive dust-air mixtures. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections	See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

7.3. Specific end use(s)

Risk Management Methods (RMM)	The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical Name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Sodium Carbonate	-	TWA: 5 mg/m^3 Ceiling: 10 mg/m^3	-	-	-
Citric Acid	-	TWA: 4 mg/m^3	-	-	-
Chemical Name	France	Germany	Germany MAK	Greece	Hungary

Citric Acid	-	TWA: 2 mg/m³	TWA: 2 mg/m³ Peak: 4 mg/m³	-	-
Chemical Name	Portugal	Romania	Slovakia	Slovenia	Spain
Sodium Carbonate	-	TWA: 1 mg/m³ STEL: 3 mg/m³	-	-	-
Chemical Name	Sweden	Switzerland	United Kingdom	Israel - Occupational Exposure Limits - TWAs	Turkey
Citric Acid	-	TWA: 2 mg/m³ STEL: 4 mg/m³	-	-	-

Biological occupational exposure limits
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) Long term.

Chemical Name	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Sodium Carbonate Peroxide	-	-	12.8 mg/cm²	5 mg/m³
Sodium Carbonate	-	-	-	10 mg/m³
TAED	20 mg/kg bw/d	6.4 mg/m³	-	-
Sodium Silicate	1.59 mg/kg bw/d	5.61 mg/m³	-	-
Sodium Chloride	295.52 mg/kg bw/d	2068.62 mg/m³	-	-
Sodium Metasilicate	1.49 mg/kg bw/d	6.22 mg/m³	-	-

Chemical Name	Consumer - oral, long-term - local	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Sodium Carbonate Peroxide	-	-	6.4 mg/cm²

Chemical Name	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
TAED	0.45 mg/kg bw/d	75 mg/m³	10 mg/kg bw/d
Sodium Silicate	0.8 mg/kg bw/d	1.38 mg/m³	0.8 mg/kg bw/d
Sodium Chloride	126.65 mg/kg bw/d	443.28 mg/m³	126.65 mg/kg bw/d
Sodium Metasilicate	0.74 mg/kg bw/d	1.55 mg/m³	0.74 mg/kg bw/d

Derived No Effect Level (DNEL) Short term.

Chemical Name	Worker - dermal, short-term - systemic	Worker - inhalative, short-term - systemic	Worker - dermal, short-term - local	Worker - inhalative, short-term - local
Sodium Carbonate Peroxide	-	-	12.8 mg/kg bodyweight/day	-
Sodium Chloride	295.52 mg/kg bw/d	2068.62 mg/m³	-	-

Chemical Name	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local
Sodium Carbonate Peroxide	-	6.4 mg/cm²
Sodium Carbonate	10 mg/m³	-

Chemical Name	Consumer - oral, short-term - systemic	Consumer - inhalative, short-term - systemic	Consumer - dermal, short-term - systemic
Sodium Chloride	126.65 mg/kg bw/d	443.28 mg/m³	126.65 mg/kg bw/d

Predicted No Effect Concentration (PNEC)

Chemical Name	Fresh Water	Marine water	Intermittent release
Sodium Carbonate Peroxide	0.035 mg/L	0.035 mg/L	0.035 mg/L
TAED	10 mg/L	0.5 mg/L	10 mg/L
Sodium Silicate	7.5 mg/L	1 mg/L	7.5 mg/L

Sodium Chloride	5 mg/L	-	19 mg/L
Sodium Metasilicate	7.5 mg/L	1 mg/L	7.5 mg/L

Chemical Name	Freshwater sediment	Marine sediment	Sewage treatment plant	Soil	Air	Oral
Sodium Carbonate Peroxide	-	-	16.24 mg/L	-	-	-
TAED	2.5 mg/kg sediment dw	-	10 mg/L	5 mg/kg soil dw	-	-
Sodium Silicate	-	-	348 mg/L	-	-	-
Sodium Chloride	-	-	500 mg/L	4.86 mg/kg soil dw	-	-
Sodium Metasilicate	-	-	1000 mg/L	-	-	-

8.2. Exposure controls

Personal Protective Equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves. Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Solid
Appearance white powder
Color No information available
Odor Perfumes.
Odor threshold Not available. This product doesn't have substances deriving inhalation health risk

Property	Values	Remarks • Method
Melting Point / Freezing Point	No data available	Not available. This property is not relevant for the safety and classification of this product
Initial boiling point and boiling range	No data available	Not applicable. This property is not relevant for solid product forms
Flammability	Testing not required	Not available. This property is not relevant for the safety and classification of this product
Flammability Limit in Air		No Data Available
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
flash point		Not applicable. This property is not relevant for solid

		product forms
Autoignition temperature	No data available	Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature	No Data Available	Not available. This property is not relevant for the safety and classification of this product
pH	10	(as 1% solution)
Dynamic Viscosity	No Data Available	Not applicable
Water solubility	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Solubility(ies)	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Partition coefficient	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Vapor pressure	No Data Available	Not applicable. This property is not relevant for solid product forms
Relative density	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Relative vapor density	No data available	Not applicable. This property is not relevant for solid product forms
Particle characteristics		Not available. This property is not relevant for the safety and classification of this product
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

9.2.1. Information with regard to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity No information available.

10.2. Chemical stability
Stability Stable under normal conditions.
Explosion data
Sensitivity to mechanical impact None.
Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid
Conditions to avoid None known based on information supplied.

10.5. Incompatible materials
Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products
Hazardous Decomposition Products None known based on information supplied.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.

Skin contact Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 5,319.90 mg/kg

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Carbonic acid disodium salt, compd. with hydrogen peroxide	893 mg/kg bw (US EPA 1984)	> 2000 mg/kg bw (US EPA)	-
Carbonic acid sodium salt (1:2)	2800 mg/kg bw	> 2000 mg/kg bw (US EPA 16 CFR 1500.40)	-
Silicic acid, sodium salt	3400 mg/kg bw (OECD 401)	> 5000 mg/kg bw	> 2.06 mg/L air (OECD 403)
Alcohols, C12-14, ethoxylated	>300-2000 mg/kg bw (Rat)	> 5000 mg/kg bw	-

Chemical Name	Carcinogenicity	Species	Eye Damage	Species	Developmental toxicity	Species	Mutagenicity	Species
Sodium Carbonate Peroxide	-	-	Y (100%; OECD 405)	-	-	-	-	-
Sodium Carbonate	-	-	Y (100%)	-	-	-	-	-
Sodium Silicate	-	-	Y	-	-	-	-	-

Chemical Name	Reproductive toxicity	Species	Skin corrosion/irritation	Species	Sensitization	Species
Sodium Silicate	-	-	Y (OECD 404)	-	-	-
Sodium Metasilicate	-	-	Y (OECD 404)	-	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Irritating to skin.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes burns. Risk of serious

damage to eyes.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Unknown aquatic toxicity Contains 0 % of components with unknown hazards to the aquatic environment.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Carbonic acid disodium salt, compd. with hydrogen peroxide	-	70.7 mg/L (Pimephales promelas; 96 h)	-	4.9 mg/L (Daphnia pulex; 48 h)
Carbonic acid sodium salt (1:2)	-	300 mg/L (Lepomis macrochirus; 96 h)	-	200 mg/L (Ceriodaphnia sp.; 48 h)
Silicic acid, sodium salt	> 345.4 mg/L (Desmodesmus subspicatus; 72 h)	281 mg/L (Oncorhynchus mykiss; 96 h)	>348 mg/L (Pseudomonas putida; 18 h)	1700 mg/L (EU Method C.2; Daphnia magna; 48 h)
Alcohols, C12-14, ethoxylated	>1-10 mg/L (OECD 201; Desmodesmus subspicatus (green algae); static test)	>1-10 mg/L (OECD 203; Cyprinus carpio; flow-through test)	-	> 1 - 10 mg/L (OECD 202; Daphnia magna; static test)

Chronic Toxicity

Chemical Name	Toxicity to algae (NOEC or ECx)*	Toxicity to fish (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to other organisms

			(NOEC or ECx)*		
TAED	655 mg/L (OECD 201; Desmodesmus subspicatus; 3 d)	-	500 mg/L (OECD 211; Daphnia magna; 21 d)	> 1000 mg/L (OECD 209; 0.125 d)	500 mg/kg soil dw (OECD 222; species: eisenia fetida; artificial soil; 56 d)
Sodium Silicate	-	348 mg/L ((OECD 203; Danio rerio; 4 d)	-	-	-
Sodium Chloride	5800 mg/L (Euglena gracilis; 7 d)	252 mg/L (//OECD 210; Pimephales promelas; 33 d)	314 mg/L (//OECD 211; Daphnia pulex; 21 d)	35000 mg/L	243 mg/kg soil dw (Similar to OECD 208; Poa pratensis; based on growth; 7 d)

12.2. Persistence and degradability

Persistence and degradability

Chemical Name	Ready Biodegradation Test (OECD 301)	Abiotic Degradation Hydrolysis	Abiotic Degradation Photolysis	Biodegradation Other Tests
TAED	99% CO2; OECD 301 B; > 60% (10 d)	-	-	75.1% (OECD 301 B; aerobic; activated sludge, domestic, non-adapted; CO2 evolution; 27 d; meets the 10 d window criteria)
C12-14 Pareth-n	> 70 % (OECD 301 A (new version); 28 d; aerobic) and > 60 %(OECD 301 B; 28 d; aerobic)	-	-	-
Sodium Metasilicate		-	-	Readily eliminable from water

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical Name	Partition coefficient
Citric Acid	-1.72

Chemical Name	Octanol/water partition coefficient	Bioconcentration factor (BCF)
TAED	-0.09	-

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

Chemical Name	PBT and vPvB assessment
Sodium Carbonate Peroxide	The substance is not PBT / vPvB PBT assessment does not apply
Sodium Carbonate	The substance is not PBT / vPvB PBT assessment does not apply
Citric Acid	The substance is not PBT / vPvB
Sodium Silicate	The substance is not PBT / vPvB PBT assessment does not apply
C12-14 Pareth-n	The substance is not PBT / vPvB PBT assessment does not apply

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Disposal should be in accordance with applicable regional, national and local laws and regulations. The waste codes/waste designations below are in accordance with EWC.
Contaminated packaging	Do not reuse empty containers.
Waste codes / waste designations according to EWC / AVV	16 09 04

SECTION 14: Transport information

IATA

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	

IMDG

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADR

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADN

14.1 UN number	Not relevant
14.2	
14.3 Transport hazard class(es)	No information available
14.4 Packing Group	Not relevant
14.5 Marine pollutant	Not regulated

SECTION 15: Regulatory information

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

National regulations

France
Occupational Illnesses (R-463-3, France)

Germany
Water hazard class (WGK) slightly hazardous to water (WGK 1)

Netherlands

European Union
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorizations and/or restrictions on use:
This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical Name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
Sodium Carbonate	75.	-
Phthalimidoperoxycaproic Acid	75.	-

Persistent Organic Pollutants
Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009
Not applicable

Plant protection products directive (91/414/EEC)

EU - Biocides

Chemical Name	EU - Biocides
Citric Acid - 5949-29-1	Product-type 1: Human hygiene

15.2. Chemical safety assessment

Chemical Safety Report No chemical safety assessment has been carried out for this mixture per REACH regulation

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3
H242 - Heating may cause a fire
H272 - May intensify fire; oxidizer
H302 - Harmful if swallowed
H315 - Causes skin irritation
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H400 - Very toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects

Legend
SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method
Health hazards not otherwise classified (HHNOC)	Calculation method

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Further information Salts listed in Section 3 without a REACh Registration number are exempt, based on Annex V

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006
Disclaimer
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End of Safety Data Sheet