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 01-Apr-2021 **Revision Date** 01-Apr-2021 **Revision Number** 1

EGHS / English

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name John Frieda Detox & Repair Shampoo (5089103031)

Chemical name
Contains Sodium laureth sulfate

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

Recommended Use Shampoo (Liquid).

Uses advised against No information available.

1.3. Details of the supplier of the safety data sheet

Supplier Name Kao Germany GmbH

Supplier Address Pfungstaedter Strasse 92-100
Darmstadt, D-64297
DE

For further information, please contact.

1.4. Emergency telephone number

Emergency telephone + 44 (0) 207 851 19800

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aspiration hazard	Category 1 - (H304)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Specific target organ toxicity (single exposure)	Category 2 - (H371)
Chronic aquatic toxicity	Category 3 - (H412)

2.2. Label elements

Contains Sodium laureth sulfate

Signal word **Danger**

Hazard Statements

H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H371 - May cause damage to organs
H412 - Harmful to aquatic life with long lasting effects
EUH208 - Contains Benzyl alcohol, Methylchloroisothiazolinone, Methylisothiazolinone EUH208 - May produce an allergic reaction

Precautionary Statements - EU (§28, 1272/2008)

P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves and eye/face protection
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
P321 - Specific treatment (see supplemental first aid instructions on this label)
P331 - Do NOT induce vomiting

Additional information

This product requires tactile warnings if supplied to the general public
This product requires child resistant fastenings if supplied to the general public
This product requires child resistant fastenings when supplied to the general public unless the product is placed on the market in the form of aerosols or in a container with a sealed spray attachment

2.3. Other hazards

Toxic to aquatic life
No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Sodium laureth sulfate	266-192-5	9004-82-4	10.5	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) STOT SE 2 (H371) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411)	No data available
Sodium lauryl sulfate	205-788-1	151-21-3	3	Acute Tox. 4 (H302) Acute Tox. 2 (H310) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Aquatic Chronic 3 (H412)	No data available
Cocamidopropyl betaine	263-058-8	61789-40-0	1.6	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	No data available
Dimethicone	-	9006-65-9	1.2	Eye Irrit. 2 (H319)	No data available
Cetyl alcohol	253-149-0	36653-82-4	1	Aquatic Chronic 2 (H411)	No data available
1,2,3,4-Butanetetrol, (R,)-	205-737-3	149-32-6	1	Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) STOT SE 3 (H335)	No data available
Guar hydroxypropyltrimonium chloride	-	65497-29-2	0.3	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available
Benzyl alcohol	202-859-9	100-51-6	0.2501	Acute Tox. 4 (H302) Acute Tox. 4 (H332)	No data available
Sodium Benzoate	208-534-8	532-32-1	0.025	Acute Tox. 5 (H303) Eye Irrit. 2A (H319)	No data available
Methylchloroisothiazolinone	247-500-7	26172-55-4	0.0008	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Skin Sens. 1 (H317)	No data available
Sodium hydroxide	215-185-5	1310-73-2	0.0005	Skin Corr. 1A (H314)	No data available
Methylisothiazolinone	220-239-6	2682-20-4	0.0003	Acute Tox. 3 (H301) (EUH071) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Acute Tox. 2 (H330) Eye Dam. 1 (H318) Skin Sens. 1A (H317)	No data available

				Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	
Iodopropynyl butylcarbamate	259-627-5	55406-53-6	0.0002	Acute Tox. 4 (H302) STOT RE 1 (H372) Acute Tox. 3 (H331) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available

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

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

Inhalation Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur.

Skin contact If symptoms persist, call a physician. Wash off immediately with soap and plenty of water for at least 15 minutes.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

Ingestion Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Aspiration hazard if swallowed - can enter lungs and cause damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical advice/attention.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

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

Symptoms Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Burning sensation.

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

Note to physicians Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

Section 5: FIRE FIGHTING 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
Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous Combustion Products
Carbon oxides.

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 Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing.

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 Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

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

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store away from other materials.

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	European Union	United Kingdom	France	Spain	Germany
Benzyl alcohol 100-51-6	-	-	-	-	TWA: 5 ppm TWA: 22 mg/m^3 S*
Sodium Benzoate 532-32-1	-	-	-	-	TWA: 10 mg/m^3 S*
Sodium hydroxide 1310-73-2	-	STEL: 2 mg/m^3	TWA: 2 mg/m^3	STEL: 2 mg/m^3	-
Iodopropynyl butylcarbamate 55406-53-6	-	-	-	-	TWA: 0.005 ppm TWA: 0.058 mg/m^3
Chemical name	Italy	Portugal	Netherlands	Finland	Denmark
Benzyl alcohol 100-51-6	-	-	-	TWA: 10 ppm TWA: 45 mg/m^3	-
Sodium hydroxide 1310-73-2	-	Ceiling: 2 mg/m^3	-	Ceiling: 2 mg/m^3	Ceiling: 2 mg/m^3
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Benzyl alcohol 100-51-6	-	H* TWA: 5 ppm TWA: 22 mg/m^3	TWA: 240 mg/m^3	-	-
Methylchloroisothiazoli	TWA: 0.05 mg/m^3	STEL: 0.4 mg/m^3	-	-	-

none 26172-55-4		TWA: 0.2 mg/m^3			
Sodium hydroxide 1310-73-2	STEL 4 mg/m^3 TWA: 2 mg/m^3	STEL: 2 mg/m^3 TWA: 2 mg/m^3	STEL: 1 mg/m^3 TWA: 0.5 mg/m^3	Ceiling: 2 mg/m^3	STEL: 2 mg/m^3
Methylisothiazolinone 2682-20-4	TWA: 0.05 mg/m^3	STEL: 0.4 mg/m^3 TWA: 0.2 mg/m^3	-	-	-
Iodopropynyl butylcarbamate 55406-53-6	-	STEL: 0.02 ppm STEL: 0.24 mg/m^3 TWA: 0.01 ppm TWA: 0.12 mg/m^3	-	-	-

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2. Exposure controls

Personal protective equipment

Eye/face protection If splashes are likely to occur, wear safety glasses with side-shields.

Hand Protection 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.

Environmental exposure controls No information available.

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

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state Liquid
Appearance White
Odor Pleasant
Color No information available
Odor Threshold No data available

Property	Values	Remarks Method
pH	5	
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known

Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1	
Water Solubility	Partially soluble	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	no data available	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing properties	No data available	

9.2. Other information

Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Remarks No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

10.4. Conditions to avoid

None known.

Explosion Data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

10.5. Incompatible materials

Strong acids, Strong bases, Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Irritating to eyes. (based on components). Causes serious eye irritation.
Skin contact	Repeated exposure may cause skin dryness or cracking. 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. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. 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) 7,912.10 mg/kg

Unknown acute toxicity

19.8 % of the mixture consists of ingredient(s) of unknown toxicity
4.3 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
14.8 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
19.8 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
19.8 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
19.8 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium laureth sulfate	= 1600 mg/kg (Rat)	-	-
Sodium lauryl sulfate	= 1288 mg/kg (Rat)	= 200 mg/kg (Rabbit)	> 3900 mg/m^3 (Rat) 1 h
Cocamidopropyl betaine	> 10000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Dimethicone	-	> 2008 mg/kg (Rat)	-
Cetyl alcohol	> 5 g/kg (Rat)	= 11300 mg/kg (Rabbit)	-
1,2,3,4-Butanetetrol, (R,)-	= 13500 mg/kg (Rat) = 13100 mg/kg (Rat)	>= 16000 mg/kg (Rat)	-
Guar hydroxypropyltrimonium chloride	= 12500 mg/kg (Rat)	-	-
Benzyl alcohol	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	= 8.8 mg/L (Rat) 4 h
Sodium Benzoate	= 4070 mg/kg (Rat)	-	-
Methylchloroisothiazolinone	= 481 mg/kg (Rat)	-	= 1.23 mg/L (Rat) 4 h
Sodium hydroxide	= 325 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	-
Methylisothiazolinone	232 - 249 mg/kg (Rat) = 120 mg/kg (Rat)	= 200 mg/kg (Rabbit)	= 0.11 mg/L (Rat) 4 h
Iodopropynyl butylcarbamate	= 1470 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 0.67 mg/L (Rat) 4 h = 0.63 mg/L (Rat) 4 h = 0.99 mg/L (Rat) 4 h

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 serious eye irritation.

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 Based on the classification criteria of the Globally Harmonized System as adopted in the country or region with which this safety data sheet complies, this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). May cause damage to organs.

H371 - May cause damage to the following organs: Digestive System.

STOT - repeated exposure No information available.

Aspiration hazard May be fatal if swallowed and enters airways.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity Toxic to aquatic life. Harmful to aquatic life with long lasting effects. .

Unknown aquatic toxicity 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium lauryl sulfate	96h EC50: 3.59 - 15.6 mg/L (Pseudokirchneriella subcapitata) 96h EC50: 30 - 100 mg/L (Desmodesmus subspicatus) 96h EC50: = 117 mg/L (Pseudokirchneriella subcapitata) 72h EC50: = 53 mg/L (Desmodesmus subspicatus)	96h LC50: 10.2 - 22.5 mg/L (Pimephales promelas) 96h LC50: 10.8 - 16.6 mg/L (Poecilia reticulata) 96h LC50: 13.5 - 18.3 mg/L (Poecilia reticulata) 96h LC50: 15 - 18.9 mg/L (Pimephales promelas) 96h LC50: 22.1 - 22.8 mg/L (Pimephales promelas) 96h LC50: 4.06 - 5.75 mg/L (Lepomis macrochirus) 96h LC50: 4.2 - 4.8 mg/L (Lepomis macrochirus) 96h LC50: 4.3 - 8.5 mg/L (Oncorhynchus mykiss) 96h LC50: 5.8 - 7.5 mg/L (Pimephales promelas) 96h LC50: 6.2 - 9.6 mg/L (Pimephales promelas) 96h LC50: 8 - 12.5 mg/L (Pimephales promelas) 96h LC50: 9.9 - 20.1 mg/L (Brachydanio rerio) 96h LC50: = 1.31 mg/L (Cyprinus carpio) 96h LC50: = 4.2 mg/L (Oncorhynchus mykiss) 96h LC50: = 4.5 mg/L (Lepomis macrochirus) 96h	EC50 = 0.46 mg/L 30 min EC50 = 0.72 mg/L 15 min EC50 = 1.19 mg/L 5 min	48h EC50: = 1.8 mg/L (Daphnia magna)

		LC50: = 4.62 mg/L (Oncorhynchus mykiss) 96h LC50: = 7.97 mg/L (Brachydanio rerio)		
Cocamidopropyl betaine	72h EC50: 1.0 - 10.0 mg/L (Desmodesmus subspicatus)	96h LC50: 1.0 - 10.0 mg/L (Brachydanio rerio) 96h LC50: = 2 mg/L (Brachydanio rerio)	No data available	48h EC50: = 6.5 mg/L (Daphnia magna)
Cetyl alcohol	No data available	96h LC50: > 0.4 mg/L (Oncorhynchus mykiss)	No data available	No data available
Benzyl alcohol	No data available	96h LC50: = 10 mg/L (Lepomis macrochirus) 96h LC50: = 460 mg/L (Pimephales promelas)	EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min EC50 = 63.7 mg/L 5 min EC50 = 71.4 mg/L 30 min	48h EC50: = 23 mg/L (water flea)
Sodium Benzoate	No data available	96h LC50: 420 - 558 mg/L (Pimephales promelas) 96h LC50: > 100 mg/L (Pimephales promelas)	EC50 = 500 mg/L 24 h	48h EC50: < 650 mg/L (Daphnia magna)
Methylchloroisothiazolinone	96h EC50: 0.03 - 0.13 mg/L (Pseudokirchneriella subcapitata) 72h EC50: 0.11 - 0.16 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 1.6 mg/L (Oncorhynchus mykiss)	EC50 = 5.7 mg/L 16 h	48h EC50: 0.12 - 0.3 mg/L (Daphnia magna) 48h EC50: 0.71 - 0.99 mg/L (Daphnia magna) 48h EC50: = 4.71 mg/L (Daphnia magna)
Sodium hydroxide	No data available	96h LC50: = 45.4 mg/L (Oncorhynchus mykiss)	No data available	No data available
Iodopropynyl butylcarbamate	No data available	96h LC50: 0.049 - 0.079 mg/L (Oncorhynchus mykiss) 96h LC50: 0.05 - 0.089 mg/L (Oncorhynchus mykiss) 96h LC50: 0.14 - 0.32 mg/L (Lepomis macrochirus) 96h LC50: 0.18 - 0.23 mg/L (Pimephales promelas)	No data available	No data available

12.2. Persistence and degradability

Persistence and Degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation

.

Chemical name	Partition coefficient
Sodium lauryl sulfate	1.6
Cetyl alcohol	6.65
Benzyl alcohol	1.1
Sodium Benzoate	-2.13
Methylchloroisothiazolinone	0.75

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

Chemical name	PBT and vPvB assessment
Sodium lauryl sulfate	The substance is not PBT / vPvB
Cocamidopropyl betaine	The substance is not PBT / vPvB
Cetyl alcohol	The substance is not PBT / vPvB PBT assessment does not apply
1,2,3,4-Butanetetrol, (R,)-	The substance is not PBT / vPvB
Benzyl alcohol	The substance is not PBT / vPvB
Sodium Benzoate	The substance is not PBT / vPvB
Sodium hydroxide	The substance is not PBT / vPvB PBT assessment does not apply
Methylisothiazolinone	The substance is not PBT / vPvB
Iodopropynyl butylcarbamate	The substance is not PBT / vPvB PBT assessment does not apply

12.6. Other adverse effects

Other adverse effects No information available.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging No information available.

Section 14: TRANSPORT INFORMATION

IMDG/IMO	Not applicable
14.1 UN-No.	Not applicable
14.2 Proper Shipping Name	Not applicable
14.3 Hazard Class	N/A
14.4 Packing Group	Not applicable
14.5 Marine Pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

RID	Not applicable
14.1 UN-No.	Not applicable
14.2 Proper Shipping Name	Not applicable
14.3 Hazard Class	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

ADR	Not applicable
14.1 UN-No.	Not applicable
14.2 Proper Shipping Name	Not applicable
14.3 Hazard Class	Not applicable
14.4 Packing Group	Not applicable
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

IATA	Not applicable
14.1 UN-No.	Not applicable
14.2 Proper Shipping Name	NON REGULATED
14.3 Hazard Class	N/A
14.4 Packing Group	Not applicable
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

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)

Chemical name	French RG number	Title
Cocamidopropyl betaine 61789-40-0	RG 65,RG 66	-
Benzyl alcohol 100-51-6	RG 84	-

Iodopropynyl butylcarbamate 55406-53-6	RG 5,RG 14,RG 15,RG 15bis,RG 20bis	-

Germany

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

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 does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV). This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Persistent Organic Pollutants

Not applicable.

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable.

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

No information available.

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
EUH071 - Corrosive to the respiratory tract
H301 - Toxic if swallowed
H302 - Harmful if swallowed
H303 - May be harmful if swallowed
H304 - May be fatal if swallowed and enters airways
H310 - Fatal in contact with skin
H311 - Toxic in contact with skin
H312 - Harmful in contact with skin
H314 - Causes severe skin burns and eye damage
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H330 - Fatal if inhaled
H331 - Toxic if inhaled
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H371 - May cause damage to organs
H372 - Causes damage to organs through prolonged or repeated exposure
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects
H411 - Toxic to aquatic life with long lasting effects
H412 - Harmful to aquatic life with long lasting effects

Legend
SVHC: Substances of Very High Concern for Authorization:

Section 8: Exposure controls and personal protection

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

Classification procedure

Key literature references and sources for data used to compile the SDS
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
U.S. Environmental Protection Agency High Production Volume Chemicals
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

Issuing Date 01-Apr-2021

Revision Date 01-Apr-2021

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006.

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet