SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
UK REACH Regulations (SI 2019/758 as amended)

Supercedes date 26-Jul-2019 **Revision date** 11-Apr-2025 **Revision Number** 3

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

1.1. Product identifier

Product Code(s) 11506

Safety data sheet number 11506

Product Name TRITON GR-7ME SURFACTANT

Pure substance/mixture Mixture

Contains HYDROCARBONS C9 AROMATICS; SODIUM HYDROXIDE

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

Recommended use
surfactant
Industrial use
Professional use
Consumer
Coatings
Metal working fluids / rolling oils,
Use in agrochemicals

1.3. Details of the supplier of the safety data sheet

Supplier
Univar Solutions UK Ltd
Aquarius House
6 Mid Point Business Park
Bradford
GBR

For further information, please contact

E-mail address SDS.EMEA@univarsolutions.com

Non-Emergency Telephone Number +44 1274 267300 / +44 1274 267306

1.4. Emergency telephone number

Emergency Telephone SGS - +32 (0)3 575 55 55 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Flammable liquids	Category 3 - (H226)

Skin corrosion/irritation	Category 1 Sub-category B - (H314)
Serious eye damage/eye irritation	Category 1 - (H318)
Specific target organ toxicity — single exposure	Category 3 - (H335, H336)
Category 3 Narcotic effects, Respiratory irritation	
Aspiration hazard	Category 1 - (H304)
Chronic aquatic toxicity	Category 2 - (H411)

2.2. Label elements

Contains HYDROCARBONS C9 AROMATICS; SODIUM HYDROXIDE

Signal word
Danger

Hazard statements
H304 - May be fatal if swallowed and enters airways
H314 - Causes severe skin burns and eye damage
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H411 - Toxic to aquatic life with long lasting effects
H226 - Flammable liquid and vapour

Precautionary statements
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P273 - Avoid release to the environment
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]
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
P321 - Specific treatment (see .? on this label)
P330 - Rinse mouth
P331 - Do NOT induce vomiting
P370 + P378 - In case of fire: Use dry chemical, CO2, water spray or alcohol-resistant foam to extinguish
P391 - Collect spillage

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

Additional information
This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

In case of spills, beware of slippery floors and surfaces.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
DOCUSATE SODIUM 577-11-7	>= 62.5 - <= 65.5 %	209-406-4	-	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	-	-
HYDROCARBONS C9 AROMATICS 128601-23-0	>= 13.68 - <= 30.0 %	918-668-5	-	Flam. Liq. 3 (H226) STOT SE 3 (H335) (H336) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411)	-	-	-
BIS (2 ETHYLHEXYL) FUMARATE 141-02-6	>= 1.0 - < 2.5 %	205-448-2	-	Aquatic Chronic 2 (H411)	-	-	-
SODIUM HYDROXIDE 1310-73-2	2.0%	215-185-5 (011-002-00-6)	UK-01-6126796028-6-XXXX	Met. Corr. 1 (H290) Skin Corr. 1A (H314) Eye Dam. 1 (H318)	Eye Irrit. 2 :: 0.5%<=C<2% Skin Corr. 1A :: C>=5% Skin Corr. 1B :: 2%<=C<5% Skin Irrit. 2 :: 0.5%<=C<2%	-	-

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% (UK REACH Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice First aid personnel should wear appropriate protective equipment during any rescue.

Inhalation IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get medical attention if symptoms occur.

Eye contact 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. Call a doctor if irritation persists.

Skin contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Properly dispose of leather items such as shoes, belts, and watchbands. Get medical attention immediately if symptoms occur.

Ingestion Rinse mouth thoroughly with water. Do NOT induce vomiting. Get medical attention if symptoms occur.

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

Symptoms

Inhalation	May cause respiratory irritation. May cause drowsiness or dizziness.
Eyes	Causes serious eye damage. May cause permanent damage if eye is not immediately irrigated. Causes eye burns.
Dermal	Causes severe burns.
Ingestion	May be fatal if swallowed and enters airways

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

Note to doctors	Maintain adequate ventilation and oxygenation of the patient. Chemical eye burns may require extended irrigation. Chemical burns must be treated promptly by a physician. Treat any burns as thermal burns, after decontamination. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Do not induce vomiting without medical advice. Due to irritant properties, swallowing may result in burns and/or ulceration of mouth, stomach and lower gastrointestinal tract with subsequent stricture. Aspiration of vomitus may cause lung injury. Suggest endotracheal or esophageal control if lavage is done. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Dry chemical, CO2, alcohol-resistant foam or water spray.
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	When heated and in case of fire, toxic vapours/gases may be formed. Vapors are heavier than air and may travel a long distance and accumulate in low lying areas. Ignition and/or flash back may occur. Flammable concentrations of vapour can accumulate at temperatures above flash point; see Section 9. Flammable mixtures may exist within the vapour space of containers at room temperature.
Hazardous combustion products	Carbon oxides. Oxides of sulphur.

5.3. Advice for firefighters

Special protective equipment and precautions 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 protection recommended in Section 8. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Evacuate personnel to safe areas. Keep unnecessary and unprotected personnel from entering. No action shall be

taken involving any personal risk or without suitable training. Keep personnel out of low areas. Keep people away from and upwind of spill/leak. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Eliminate all sources of ignition in vicinity of spill or released vapor to avoid fire or explosion. Ground and bond container and receiving equipment. Vapours may form explosive mixtures with air. Do not allow run-off from fire-fighting to enter drains or water courses.

Other information Ventilate the area. 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 Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Should not be released into the environment. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Pump with explosion-proof equipment. If available, use foam to smother or suppress. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards 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 Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with skin, eyes and inhalation of vapours. Do not swallow. Wash skin thoroughly after handling. Keep container closed when not in use. Never use air pressure for transferring product. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Vapors are heavier than air and may travel a long distance and accumulate in low lying areas. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Containers, even those that have been emptied, can contain vapors. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers. Use spark-proof tools and explosion-proof equipment. This product is a poor conductor of electricity and can become electrostatically charged, even in bonded or grounded equipment. If sufficient charge is accumulated, ignition of flammable mixtures can occur.. Handling operations that can promote accumulation of static charges include but are not limited to mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations.

General hygiene considerations Wash hands before breaks and immediately after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Flammable mixtures may exist within the vapor space of containers at room temperature.

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3. Specific end use(s)

Specific use(s)
See section 1 for more information.

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	United Kingdom
SODIUM HYDROXIDE 1310-73-2	STEL: 2 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) - Workers

Chemical name	Oral	Dermal	Inhalation
DOCUSATE SODIUM 577-11-7		267.86 mg/kg bw/day [4] [6]	1889.1 mg/m³ [4] [6]
HYDROCARBONS C9 AROMATICS 128601-23-0		25 mg/kg/bw/day [4] [6]	150 mg/m³ [4] [6]
BIS (2 ETHYLHEXYL) FUMARATE 141-02-6		42 mg/kg/bw/day [4] [6]	292 mg/m³ [4] [6]
SODIUM HYDROXIDE 1310-73-2			1 mg/m³ [5] [6]

[4] Systemic health effects.
[5] Local health effects.
[6] Long term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
DOCUSATE SODIUM 577-11-7	17.86 mg/kg bw/day [4] [6]	160 mg/kg bw/day [4] [6]	559.01 mg/m³ [4] [6]
SODIUM HYDROXIDE 1310-73-2			1 mg/m³ [5] [6]

[4] Systemic health effects.
[5] Local health effects.
[6] Long term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
DOCUSATE SODIUM 577-11-7	0.18 mg/L	0.152 mg/L	0.018 mg/l		
BIS (2 ETHYLHEXYL) FUMARATE 141-02-6	0.006 mg/L	1 mg/L	0.0006 mg/L	0.1 mg/L	

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
DOCUSATE SODIUM 577-11-7	17.789 mg/kg sediment dw	1.7789 mg/kg sediment dw	12.2 mg/L	1.04 mg/kg soil dw	17 mg/kg food
BIS (2 ETHYLHEXYL) FUMARATE 141-02-6	3.2 mg/kg sediment dw	0.32 mg/kg sediment dw	1.1 mg/L		

8.2. Exposure controls

Engineering controls No information available.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Use eye protection according to EN 166.

Hand protection Wear suitable gloves. Gloves must conform to standard EN 374.

Gloves			
Duration of contact	PPE - Glove material	Glove thickness	Break through time
	Polyethylene (PE)	> 0.35 mm	> 480 minutes
	Ethyl vinyl alcohol laminate ("EVAL")	> 0.35 mm	> 480 minutes
	Polyvinyl alcohol (PVA)	> 0.35 mm	> 480 minutes
	Polyvinyl chloride (PVC)	> 0.35 mm	> 480 minutes
	Styrene/butadiene rubber	> 0.35 mm	> 480 minutes
	Wear protective Viton™ gloves	> 0.35 mm	> 480 minutes
	Wear protective butyl rubber gloves	> 0.35 mm	> 480 minutes
	Chlorinated polyethylene (CPE)	> 0.35 mm	> 480 minutes
	Wear protective Neoprene™ gloves	> 0.35 mm	> 480 minutes
	Nitrile/butadiene rubber ("nitrile" or "NBR").	> 0.35 mm	> 480 minutes

Skin and body protection Wear appropriate clothing to prevent reasonably probable skin contact. Antistatic footwear.

Respiratory protection Use appropriate respiratory protection.
Recommended filter type: Organic gases and vapours filter conforming to EN 14387. Type AP2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Colour	yellow
Odour	Pungent.
Odour threshold	No information available

Property	**Values**	**Remarks • Method**
Melting point / freezing point	-53 °C	Calculation method. Solvent.
Initial boiling point and boiling range	155 °C	@ 760 mmHg. Calculation method.
Flammability		No information available.
Flammability Limit in Air		Calculation method. Solvent.
Upper flammability or explosive limits	6 % vol	
Lower flammability or explosive limits	0.9 % vol	
Flash point	43 °C	CC (closed cup). (ASTM D93).
Autoignition temperature		No information available.
Decomposition temperature		No information available.
pH	8 - 9	@ 5 °C.
pH (as aqueous solution)		No information available.
Kinematic viscosity		No information available.
Dynamic viscosity		No information available.
Water solubility	Completely soluble	20 °C @ 1 atm.
Solubility(ies)		No information available.
Partition coefficient		Not determined.
Vapour pressure	3.2 hPa	@ 20 °C. Calculation method.
Relative density	1.04	@ 20 °C / 20 °C. Calculation method.
Bulk density		No information available
Liquid Density	No information available	No information available
Relative vapour density	6.59	@ 20 °C. Calculation method.
Particle characteristics		Not applicable. liquid.
Particle Size	No information available	
Particle Size Distribution	No information available	
Explosive properties	Not considered to be explosive.	
Oxidising properties	Does not meet the criteria for classification as oxidising	

9.2. Other information

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 Yes.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Hazardous polymerisation does not occur.

10.4. Conditions to avoid

Conditions to avoid Product may decompose at elevated temperatures.

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon oxides. Oxides of sulphur.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation May cause respiratory irritation. May cause drowsiness or dizziness.

Eye contact Causes serious eye damage. May cause permanent damage if eye is not immediately irrigated. Causes eye burns.

Skin contact Causes severe burns.

Ingestion May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Acute toxicity

Numerical measures of toxicity

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

Oral LD50 Oral LD50 > 2000 mg/kg
Dermal LD50 Dermal LD50 > 2000 mg/kg
Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
DOCUSATE SODIUM	> 2100 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	-
HYDROCARBONS C9 AROMATICS	= 3500 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	> 10.2 mg/l (Rat) 4h
BIS (2 ETHYLHEXYL) FUMARATE	> 29200 mg/kg (Rat)	> 18840 mg/kg (Rabbit)	-
SODIUM HYDROXIDE	= 325 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	-

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

Skin corrosion/irritation Causes severe burns. Symptoms may include pain, severe local redness and tissue damage.

DOCUSATE SODIUM (577-11-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Causes skin irritation Brief contact may cause moderate skin irritation with local redness. Symptoms may include pain, severe local redness, swelling, and tissue damage.

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Prolonged contact may cause slight skin irritation with local redness Dryness and/or cracking

BIS (2 ETHYLHEXYL) FUMARATE (141-02-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Brief contact may cause slight skin irritation with local redness.

SODIUM HYDROXIDE (1310-73-2)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 435: In Vitro Membrane Barrier Test Method for Skin Corrosion		in vitro			Corrosive Causes severe burns Symptoms may include pain, severe local redness and tissue damage.

Serious eye damage/eye irritation Causes serious eye damage. May cause permanent damage if eye is not immediately irrigated. Causes eye burns.

DOCUSATE SODIUM (577-11-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Causes serious eye damage May cause permanent damage if eye is not immediately irrigated. Causes eye burns

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Effects may be slow to heal. Corneal injury is unlikely Vapor may cause eye irritation

					experienced as mild discomfort and redness.

BIS (2 ETHYLHEXYL) FUMARATE (141-02-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					May cause slight eye irritation Corneal injury is unlikely

SODIUM HYDROXIDE (1310-73-2)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	eye			Causes serious eye damage May cause permanent damage if eye is not immediately irrigated. Causes eye burns

Respiratory or skin sensitisation Not a skin sensitiser.

Method	Species	Exposure route	Results
	Guinea pig	Dermal	Not a skin sensitiser

DOCUSATE SODIUM (577-11-7)

Method	Species	Exposure route	Results
	Human evidence	Dermal	Not a skin sensitiser

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Exposure route	Results
	Guinea pig	Dermal	Not a skin sensitiser

BIS (2 ETHYLHEXYL) FUMARATE (141-02-6)

Method	Species	Exposure route	Results
	Mouse	Dermal	Not a skin sensitiser

SODIUM HYDROXIDE (1310-73-2)

Method	Species	Exposure route	Results
Human patch test	human data	Dermal	Not a skin sensitiser

Germ cell mutagenicity No information available.

Component Information
DOCUSATE SODIUM (577-11-7)

Method	Species	Results
	in vitro	In vitro genetic toxicity studies were negative in some cases and positive in other cases.

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Results
	in vitro	Negative
		Negative Did not show mutagenic effects in animal experiments

BIS (2 ETHYLHEXYL) FUMARATE (141-02-6)

Method	Species	Results

	in vitro	Negative

SODIUM HYDROXIDE (1310-73-2)

Method	Species	Results
	in vitro	Negative

Carcinogenicity No information available.

Reproductive toxicity No information available.

DOCUSATE SODIUM (577-11-7)

Method	Species	Results
		This product does not contain any known or suspected reproductive hazards

STOT - single exposure May cause respiratory irritation. May cause drowsiness or dizziness.

DOCUSATE SODIUM (577-11-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Evaluation of available data suggests that this material is not an STOT-SE toxicant

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Exposure route	Effective dose	Exposure time	Results
		Inhalation			May cause respiratory irritation May cause drowsiness or dizziness respiratory tract Central nervous system

SODIUM HYDROXIDE (1310-73-2)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Corrosive Material is not classified as a respiratory irritant; however, Upper respiratory tract irritation or corrosivity may be expected.

STOT - repeated exposure No information available.

Component Information
DOCUSATE SODIUM (577-11-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Gastrointestinal discomfort Diarrhoea.

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					In animals, effects have been reported on the following organs: Blood Kidney Liver
					Narcotic effects

BIS (2 ETHYLHEXYL) FUMARATE (141-02-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Based on available data, repeated exposures are not anticipated to cause significant adverse effects

SODIUM HYDROXIDE (1310-73-2)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Based on available data, repeated exposures are not anticipated to cause significant adverse effects

Aspiration hazard May be fatal if swallowed and enters airways. Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage or even death due to chemical pneumonia.

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Toxic to aquatic life with long lasting effects.

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

DOCUSATE SODIUM (577-11-7)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Oryzias latipes (Ricefish)	LC50	68 mg/L	96 hours	
	Daphnia magna	EC50	6.6 mg/L	48 hours	
	Desmodesmus subspicatus	EC50	128.5 mg/L	72 hours	
	Pseudomonas putida		164 mg/L	16 hours	

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Endpoint type	Effective dose	Exposure time	Results

OECD Test No. 203: Fish, Acute Toxicity Test or Equivalent.	Oncorhynchus mykiss (rainbow trout)	LC50	9.2 mg/L	96 hours	
	Mysidopsis bahia	LC50	2.0 mg/L	96 hours	
	Pseudokirchneriella subcapitata	ErC50	2.9 mg/L	72 hours	
	Colinus virginianus	LC50	> 6500 mg/kg	8 days	
	Colinus virginianus	LD50	> 2150 mg/kg	21 days	

BIS (2 ETHYLHEXYL) FUMARATE (141-02-6)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Daphnia magna	EL50	> 100 mg/L	48 hours	
	Brachydanio rerio	NOEC	0.3 mg/L	35 days	

SODIUM HYDROXIDE (1310-73-2)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203: Fish, Acute Toxicity Test	Oncorhynchus mykiss (rainbow trout)	LC50	45.4 mg/L	96 hours	
OECD Test No. 202: Daphnia sp., Acute Immobilisation Test	aquatic invertebrates	EC50	40.4 mg/L	48 hours	
DIN 38412 Part 27	Pseudomonas putida	EC0	>100 mg/L	30 minutes	

12.2. Persistence and degradability

Persistence and degradability No information available.

DOCUSATE SODIUM (577-11-7)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) or Equivalent.	28 days	Biodegradation > 60 %	Readily biodegradable

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Exposure time	Value	Results
			Expected to biodegrade very slowly

BIS (2 ETHYLHEXYL) FUMARATE (141-02-6)

Method	Exposure time	Value	Results
OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B) or Equivalent.	28 days	Biodegradation 48.8 %	Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

SODIUM HYDROXIDE (1310-73-2)

Method	Exposure time	Value	Results
			Not applicable Inorganic.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Chemical name	Partition coefficient
DOCUSATE SODIUM	1.998
BIS (2 ETHYLHEXYL) FUMARATE	4.62

12.4. Mobility in soil

Mobility in soil Completely soluble.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
DOCUSATE SODIUM	The substance is not PBT / vPvB PBT assessment does not apply
HYDROCARBONS C9 AROMATICS	The substance is not PBT / vPvB
BIS (2 ETHYLHEXYL) FUMARATE	The substance is not PBT / vPvB PBT assessment does not apply
SODIUM HYDROXIDE	The substance is not PBT / vPvB PBT assessment does not apply

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

SECTION 14: Transport information

IATA

14.1 UN number or ID number UN2920
14.2 UN proper shipping name CORROSIVE LIQUID, FLAMMABLE, N.O.S. (HYDROCARBONS C9 AROMATICS, SODIUM HYDROXIDE)
14.3 Transport hazard class(es) 8
Subsidiary hazard class 3
14.4 Packing group II
14.5 Environmental hazards Yes
14.6 Special precautions for user
Special Provisions None
ERG Code 8F

IMDG

14.1 UN number or ID number UN2920
UN proper shipping name CORROSIVE LIQUID, FLAMMABLE, N.O.S. (HYDROCARBONS C9 AROMATICS, SODIUM HYDROXIDE)
14.3 Transport hazard class(es) 8

Subsidiary hazard class 3
14.4 Packing group II
14.5 Environmental hazards Yes
14.6 Special precautions for user
Special Provisions 274
EmS-No F-E, S-C
14.7 Maritime transport in bulk according to IMO instruments No information available

RID
14.1 UN number or ID number UN2920
14.2 UN proper shipping name CORROSIVE LIQUID, FLAMMABLE, N.O.S. (HYDROCARBONS C9 AROMATICS, SODIUM HYDROXIDE)
14.3 Transport hazard class(es) 8
Subsidiary hazard class 3
14.4 Packing group II
14.5 Environmental hazards Yes
14.6 Special precautions for user
Special Provisions 274
Classification code CF1

ADR
14.1 UN number or ID number UN2920
14.2 UN proper shipping name CORROSIVE LIQUID, FLAMMABLE, N.O.S. (HYDROCARBONS C9 AROMATICS, SODIUM HYDROXIDE)
14.3 Transport hazard class(es) 8
Subsidiary hazard class 3
14.4 Packing group II
14.5 Environmental hazards Yes
14.6 Special precautions for user
Special Provisions 274
Classification code CF1
Tunnel restriction code (D/E)

SECTION 15: Regulatory information

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

National regulations

Authorisations and/or restrictions on use:
This product contains one or more substances subject to restriction (UK REACH - Annex XVII).
This product does not contain substances subject to authorisation (UK REACH - Annex XIV).
Product restricted per REACH Annex XVII: 3. 5, 72, 75

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
SODIUM HYDROXIDE - 1310-73-2	75	-

Persistent Organic Pollutants
Not applicable

Export Notification requirements
Not applicable

Dangerous substance category per COMAH Regulations 2015 (as amended)
E2 - Hazardous to the Aquatic Environment in Category Chronic 2
P5c - FLAMMABLE LIQUIDS

Named dangerous substances per COMAH Regulations 2015 (as amended)

Not applicable

The Ozone-Depleting Substances Regulations 2015
Not applicable

The Biocidal Products Regulations 2001 (as amended)
Not applicable

The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)
Not applicable

Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)

Chemical name	Poisons and Explosive Precursors
SODIUM HYDROXIDE	Poison, Reportable 12 % of total caustic alkalinity

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
KECI	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status
NZIoC	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
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

Chemical Safety Report No Chemical Safety Assessment has been carried out for this substance/mixture

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
H226 - Flammable liquid and vapour
H290 - May be corrosive to metals
H304 - May be fatal if swallowed and enters airways
H314 - Causes severe skin burns and eye damage
H315 - Causes skin irritation
H318 - Causes serious eye damage
H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness
H373 - May cause damage to organs through prolonged or repeated exposure
H411 - Toxic to aquatic life with long lasting effects

Legend
SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

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

Revision Note SDS sections updated 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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 - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	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

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)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australian 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)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Supercedes date 26-Jul-2019

Revision date 11-Apr-2025

This material safety data sheet complies with the requirements of UK REACH Regulations (SI 2019/758 as amended)
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

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