

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

Revision date 03-Feb-2026

Revision Number 2

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

1.1. Product identifier

Product Code(s) 127206
Safety data sheet number 127206
Product Name BRAD-CHEM 537

Pure substance/mixture Mixture
Contains SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE

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

Recommended use Corrosion inhibitor

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

Acute toxicity - Oral	Category 4 - (H302)
Skin corrosion/irritation	Category 1 Sub-category B - (H314)
Serious eye damage/eye irritation	Category 1 - (H318)
Reproductive toxicity	Category 2 - (H361d)
Chronic aquatic toxicity	Category 2 - (H411)

2.2. Label elements

Contains SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE

**Signal word**

Danger

Hazard statements

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H361d - Suspected of damaging the unborn child

H411 - Toxic to aquatic life with long lasting effects

Precautionary statements

P260 - Do not breathe dust/fume/gas/mist/vapours/spray

P273 - Avoid release to the environment

P280 - Wear protective gloves/protective clothing/eye protection/face protection

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

2.3. Other hazards

Pregnant women should not work with the product, if there is the least risk of exposure.

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)
SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE 64665-57-2	49.5 - 51%	265-004-9	-	Acute Tox. 4 (H302) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Repr. 2 (H361d) Aquatic Chronic 2 (H411)	-	-	-
SODIUM HYDROXIDE 1310-73-2	< 1%	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%		
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Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (UK 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.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a doctor immediately.
Eye contact	In case of contact with substance, immediately flush eyes with running water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.
Skin contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a doctor. Drink plenty of water. Call a doctor or poison control centre immediately.

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

Symptoms	Suspected of damaging the unborn child.
Inhalation	Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate.
Eyes	Causes serious eye damage. May cause chemical eye burns. May cause permanent damage if eye is not immediately irrigated.
Dermal	Causes severe burns.
Ingestion	Harmful if swallowed Causes corrosive burns of the mouth, gullet and gastrointestinal tract if swallowed

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

Note to doctors	Treat symptomatically. Symptoms may be delayed. In case of lung irritation, first treatment with dexametason aerosol (spray).
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable Extinguishing Media	Dry chemical, CO ₂ , sand, earth, water spray or regular foam. Halons.
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 The material is toxic to aquatic life with long lasting effects. Do not flush into surface water or sanitary sewer system. Pregnant women should not work with the product, if there is the least risk of exposure.

Hazardous combustion products Thermal decomposition can lead to release of toxic/corrosive gases and vapours. Carbon oxides. Nitrogen oxides (NOx).

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. Cool containers with flooding quantities of water until well after fire is out. Collect contaminated fire extinguishing water separately. Do not allow it to enter drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Avoid contact with skin, eyes and inhalation of vapours. Use personal protection recommended in Section 8. Avoid release to the environment. Pregnant women should not work with the product, if there is the least risk of exposure.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

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 inhalation, ingestion and contact with skin and eyes. When diluting, always add the product to water. Never add water to the product. Pregnant women should not work with the product, if there is the least risk of exposure.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and

immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Contaminated work clothing should not be allowed out of the workplace. Take off immediately all contaminated clothing and wash it before reuse. Ensure that eyewash stations and safety showers are close to the workstation location.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feedings. Avoid contact with: Oxidising agents. Acids. Acid chlorides. Acid anhydrides.

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

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

Chemical name	United Kingdom
SODIUM HYDROXIDE 1310-73-2	STEL: 2 mg/m ³

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
SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE 64665-57-2		0.5 mg/kg bw/day [4] [6]	8.8 mg/m ³ [4] [6]
SODIUM HYDROXIDE 1310-73-2			1 mg/m ³ [5] [6]

[4]

Systemic health effects.

[6]

Long term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE 64665-57-2	0.25 mg/kg bw/day [4] [6] 0.54 mg/kg bw/day [4] [7]		4.4 mg/m ³ [4] [6]
SODIUM HYDROXIDE 1310-73-2			1 mg/m ³ [5] [6]

[4]	Systemic health effects.
[6]	Long term.
[7]	Short term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
SODIUM 4(OR 5)-METHYL-1H-BENZOTR IAZOLIDE 64665-57-2	0.008 mg/L	0.086 mg/L	0.008 mg/L		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
SODIUM 4(OR 5)-METHYL-1H-BENZOTR IAZOLIDE 64665-57-2	0.0025 mg/kg sediment dw	0.0025 mg/kg sediment dw	39.4 mg/L	0.0024 mg/kg soil dw	

8.2. Exposure controls**Engineering controls**

Ensure adequate ventilation. Handle product only in closed system or provide appropriate exhaust ventilation. Ensure that eyewash stations and safety showers are close to the workstation location. Pregnant women should not work with the product, if there is the least risk of exposure.

Personal protective equipment**Eye/face protection**

Tight sealing safety goggles. Face protection shield. Use eye protection according to EN ISO 16321-1.

Hand protection

Wear suitable gloves. Impervious gloves. Gloves must conform to standard EN 374. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Examples of preferred glove barrier materials include: Polyvinyl chloride (PVC). Butyl rubber. Neoprene gloves.

Skin and body protection

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Use respiratory equipment with gas filter, type K. Gas filter, type A. EN 136/140/141/145/143/149.

General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Contaminated work clothing should not be allowed out of the workplace. Take off immediately all contaminated clothing and wash it before reuse. Ensure that eyewash stations and safety showers are close to the workstation location.

Environmental exposure controls

Avoid release to the environment. Bund storage facilities to prevent soil and water pollution in the event of spillage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear liquid
Colour	Amber., to, Yellow
Odour	No information available.
Odour threshold	No information available

Property	Values	Remarks • Method
Melting point / freezing point		No information available.
Initial boiling point and boiling range		No information available.
Flammability		No information available.
Flammability Limit in Air		No information available.
Upper flammability or explosive limits		
Lower flammability or explosive limits		
Flash point		No information available.
Autoignition temperature		No information available.
Decomposition temperature		No information available.
pH	12.7	No information available.
pH (as aqueous solution)		No information available.
Kinematic viscosity		No information available.
Dynamic viscosity		No information available.
Water solubility	Miscible with water	No information available.
Solubility(ies)		No information available.
Partition coefficient		No information available.
Vapour pressure		No information available.
Relative density	1.19	20 °C.
Bulk density		No information available
Liquid Density	No information available	No information available
Relative vapour density		No information available.
Particle characteristics		No information available.
Particle Size	No information available	
Particle Size Distribution	No information available	
Explosive properties	No information available	
Oxidising properties	No information available	

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Reacts with:. Acids. Oxidising agents. Acid chlorides. Acid anhydrides.
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10.2. Chemical stability

Stability	Stable under normal conditions.
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Explosion data

Sensitivity to mechanical impact	None.
Sensitivity to static discharge	No.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Stable under normal conditions. Hazardous polymerisation does not occur.
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10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials Acids. Oxidising agents. Acid chlorides. Acid anhydrides.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Nitrogen oxides (NOx).

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Information on likely routes of exposure****Product Information**

Inhalation Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate.

Eye contact Causes eye burns. Causes serious eye damage.

Skin contact Causes severe burns.

Ingestion Harmful if swallowed. Ingestion causes burns of the upper digestive and respiratory tracts.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Suspected of damaging the unborn child.

Acute toxicity**Numerical measures of toxicity****Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE	735 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
SODIUM HYDROXIDE	> 2000 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 skin burns.

SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE (64665-57-2)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Causes severe burns Symptoms may include pain, severe local redness

					and tissue damage.
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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. Causes eye burns.

SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE (64665-57-2)

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

SODIUM HYDROXIDE (1310-73-2)

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

Respiratory or skin sensitisation Based on available data the classification criteria are not met.

SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE (64665-57-2)

Method	Species	Exposure route	Results
	Guinea pig	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 Based on available data the classification criteria are not met.

Component Information

SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE (64665-57-2)

Method	Species	Results
	in vitro	Negative

SODIUM HYDROXIDE (1310-73-2)

Method	Species	Results
	in vitro	Negative

Carcinogenicity No information available.

Reproductive toxicity

Suspected of damaging the unborn child.

SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE (64665-57-2)

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

STOT - single exposure

Based on available data the classification criteria are not met.

SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE (64665-57-2)

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.

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

Based on available data the classification criteria are not met.

Component Information**SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE (64665-57-2)**

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 Not applicable.

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Toxic to aquatic life with long lasting effects.

SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE (64665-57-2)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203: Fish, Acute Toxicity Test or Equivalent.	Brachydanio rerio	LC50	> 173 mg/L	96 hours	
OECD Test No. 203: Fish, Acute Toxicity Test or Equivalent.	Cyprinodon variegatus	LC50	55 mg/L	98 hours	
or Equivalent.	Daphnia magna	EC50	8.58 mg/L	48 hours	
	Acartia tonsa	LC50	55 mg/L	48 hours	
	Skeletonema costatum	NOEC	1.18 mg/L	72 hours	
	Skeletonema costatum	ErC50	53 mg/L	72 hours	
OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test or Equivalent.	Pseudokirchneriella subcapitata	ErC50	75 mg/L	72 hours	
OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test or Equivalent.	Pseudokirchneriella subcapitata	NOEC	10 mg/L	72 hours	
	Bacteria activated sludge	EC50	1060 mg/L	1 days	
	Daphnia magna	EC10	0.4 mg/L	21 days	
	Daphnia magna	NOEC	18.4 mg/L	21 days	

SODIUM HYDROXIDE (1310-73-2)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Fish	LC50	35-189 mg/L	96 hours	
	Daphnia magna	EC50	40.4 mg/L	48 hours	

12.2. Persistence and degradability

Persistence and degradability No information available.

SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE (64665-57-2)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) or Equivalent.	28 days	Biodegradation 4 %	Expected to biodegrade very slowly

SODIUM HYDROXIDE (1310-73-2)

Method	Exposure time	Value	Results
			Not applicable Inorganic.

12.3. Bioaccumulative potential

Bioaccumulation No information available.

Component Information

Chemical name	Partition coefficient
SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE	1.091

12.4. Mobility in soil

Mobility in soil No information available.

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
SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE	The substance is not PBT / vPvB
SODIUM HYDROXIDE	The substance is not PBT / vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. Toxic to aquatic life with long lasting effects. Do not discharge onto the ground or into water courses. Empty containers retain product residue and can be hazardous.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information**IATA**

- 14.1 UN number or ID number UN3267
 14.2 UN proper shipping name CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE)
 14.3 Transport hazard class(es) 8
 14.4 Packing group II
 14.5 Environmental hazards Yes
 14.6 Special precautions for user
 Special Provisions A3, A803
 ERG Code 8L

IMDG

- 14.1 UN number or ID number UN3267
 14.2 UN proper shipping name CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE)
 14.3 Transport hazard class(es) 8
 14.4 Packing group II

14.5 Environmental hazards Yes
 14.6 Special precautions for user
 Special Provisions 274
 EmS-No F-A, S-B
 14.7 Maritime transport in bulk according to IMO instruments No information available

RID

14.1 UN number or ID number UN3267
 14.2 UN proper shipping name CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE)
 14.3 Transport hazard class(es) 8
 14.4 Packing group II
 14.5 Environmental hazards Yes
 14.6 Special precautions for user
 Special Provisions 274
 Classification code C7

ADR

14.1 UN number or ID number UN3267
 14.2 UN proper shipping name CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE)
 14.3 Transport hazard class(es) 8
 14.4 Packing group II
 14.5 Environmental hazards Yes
 14.6 Special precautions for user
 Special Provisions 274
 Classification code C7
 Tunnel restriction code (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

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
SODIUM 4(OR 5)-METHYL-1H-BENZOTRIAZOLIDE - 64665-57-2	3	-
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

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)

Not applicable

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/NDL	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/NDL - 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 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

H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage
H361d - Suspected of damaging the unborn child
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 Not applicable			

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
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

Prepared By J Spenceley

Revision date 03-Feb-2026

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