

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

SDS # XPEL-034-EU  
Product name XPEL Foam Soap

**Other means of identification**

Pure substance/mixture Mixture  
Contains Sodium lauroyl sarcosinate, Hexylene glycol, Alkylpolyglycoside C8-10

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

Recommended Use Vehicle Wash  
Uses Advised Against No information available

**1.3. Details of the supplier of the safety data sheet**

Supplier XPEL, Inc.  
3251 I-35  
San Antonio, TX 78219  
For further information, please contact  
**Contact Point:** XPEL, Inc. PHONE: 1-210-678-3700  
**Email Address:** support@xpel.com

**1.4. Emergency telephone number**

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

**Emergency Telephone Number - §45 - (EC)1272/2008**

Europe

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**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Regulation (EC) No 1272/2008

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

**2.2 Label Elements**

Contains Sodium lauroyl sarcosinate, Hexylene glycol, Alkylpolyglycoside C8-10



Signal Word Danger  
Hazard statements H315 - Causes skin irritation  
H318 - Causes serious eye damage

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

P264	Wash face, hands and any exposed skin thoroughly after handling
P280	Wear protective gloves/protective clothing and eye/face protection
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P332 + P313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310	Immediately call a POISON CENTER or doctor/physician

**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

Toxic to aquatic life.

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

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

Chemical Name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Alpha Olefin Sulfonate 68439-57-6	>6	No data available	270-407-8	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	-	-
Sodium lauroyl sarcosinate 137-16-6	>2	No data available	205-281-5	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	-	-
Lauryl Glucoside 110615-47-9	>1	No data available		Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	-	-
Hexylene glycol 107-41-5	>1	No data available	(603-053-00-3) 203-489-0	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	-	-	-
Amine Oxide Surfactant 61788-90-7	>1	No data available	263-016-9	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	-	-

Alkylpolyglycoside C8-10 68515-73-1	>1	No data available	-	Eye Dam. 1 (H318)	-	-	-
Blue dye 4368-56-3	<10	No data available	224-460-9	Eye Irrit. 2A (H319)	-	-	-

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

#### Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical Name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Alpha Olefin Sulfonate 68439-57-6	2220	740	Inhalation LC50 Rat >52 mg/L 4 h (no deaths occurred, aerosol, Source: ECHA_ API)	>52	Inhalation LC50 Rat >52 mg/L 4 h (no deaths occurred, aerosol, Source: ECHA_ API)
Sodium lauroyl sarcosinate 137-16-6	No data available	No data available	Inhalation LC50 Rat 0.05 - 0.5 mg/L 4 h (particulate powder, Source: ECHA_API)	0.05 - 0.5	Inhalation LC50 Rat 0.05 - 0.5 mg/L 4 h (particulate powder, Source: ECHA_API)
Lauryl Glucoside 110615-47-9	No data available	2000	No data available	No data available	No data available
Hexylene glycol 107-41-5	3700	12300	Inhalation LC50 Rat >310 mg/m <sup>3</sup> 1 h (Source: NLM_CIP) 0.0775	>310	Inhalation LC50 Rat >310 mg/m <sup>3</sup> 1 h (Source: NLM_CIP)
Alkylpolyglycoside C8-10 68515-73-1	No data available	2000	No data available	No data available	No data available
Blue dye 4368-56-3	No data available	5020	No data available	No data available	No data available

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

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Eye contact	Get immediate medical attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

Symptoms	Burning sensation. Prolonged contact may cause redness and irritation.
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**4.3. Indication of any immediate medical attention and special treatment needed**

Note to doctors	Treat symptomatically.
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**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

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

**5.2. Special hazards arising from the substance or mixture**

Specific hazards arising from the chemical	No information available.
Hazardous combustion products	Nitrogen oxides (NOx). Carbon monoxide. Carbon dioxide (CO2).

**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.
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**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

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

**6.2. Environmental precautions**

Environmental precautions	Prevent further leakage or spillage if safe to do so.
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**6.3. Methods and material for containment and cleaning up**

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal.
Prevention of secondary hazards	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.
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**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 it before reuse.
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

## 7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.
Storage class (TRGS 510)	LGK 6.1C.

## 7.3. Specific end use(s)

Specific Use(s)	Vehicle Wash.
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 Limit

Chemical Name	European Union	Austria	Belgium	Bulgaria	Croatia
Hexylene glycol 107-41-5	-	TWA: 10 ppm TWA: 49 mg/m <sup>3</sup> STEL 10 ppm STEL 49 mg/m <sup>3</sup> Ceiling: 10 ppm Ceiling: 49 mg/m <sup>3</sup>	-	-	TWA: 25 ppm TWA: 123 mg/m <sup>3</sup> STEL: 25 ppm STEL: 123 mg/m <sup>3</sup> *
Chemical Name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Hexylene glycol 107-41-5	-	-	Ceiling: 25 ppm Ceiling: 125 mg/m <sup>3</sup>	-	TWA: 25 ppm TWA: 120 mg/m <sup>3</sup> STEL: 40 ppm STEL: 200 mg/m <sup>3</sup>
Chemical Name	France	Germany TRGS	Germany DFG	Greece	Hungary
Hexylene glycol 107-41-5	STEL: 25 ppm STEL: 125 mg/m <sup>3</sup>	-	TWA: 10 ppm TWA: 49 mg/m <sup>3</sup> Peak: 20 ppm Peak: 98 mg/m <sup>3</sup>	TWA: 25 ppm TWA: 125 mg/m <sup>3</sup> STEL: 25 ppm STEL: 125 mg/m <sup>3</sup>	-
Chemical Name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Hexylene glycol 107-41-5	STEL: 25 ppm STEL: 125 mg/m <sup>3</sup>	-	STEL: 50 ppm STEL: 10 mg/m <sup>3</sup>	-	Ceiling: 25 ppm Ceiling: 120 mg/m <sup>3</sup>
Chemical Name	Luxembourg	Malta	Netherlands	Norway	Poland
Hexylene glycol 107-41-5	-	-	-	Ceiling: 20 ppm Ceiling: 100 mg/m <sup>3</sup>	STEL: 100 mg/m <sup>3</sup> TWA: 50 mg/m <sup>3</sup>
Chemical Name	Portugal	Romania	Slovakia	Slovenia	Spain
Hexylene glycol 107-41-5	Ceiling: 25 ppm	-	-	-	STEL: 25 ppm STEL: 123 mg/m <sup>3</sup>

Chemical Name	Sweden	Switzerland	United Kingdom
Hexylene glycol 107-41-5	Bindande KGV: 25 ppm Bindande KGV: 120 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 49 mg/m <sup>3</sup> STEL: 20 ppm STEL: 98 mg/m <sup>3</sup>	TWA: 25 ppm TWA: 123 mg/m <sup>3</sup> STEL: 25 ppm STEL: 123 mg/m <sup>3</sup>

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	No information available
Derived No Effect Level (DNEL) - General Public	No information available

Predicted No Effect Concentration (PNEC) No information available

## 8.2. Exposure controls

Engineering controls No information available.

## Personal Protective Equipment

Eye/Face Protection Tight sealing safety goggles.

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.

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

Environmental exposure controls No information available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Blue liquid
Color	Blue
Odor	Fruity
Odor Threshold	No information available

Property	Values
Melting point / freezing point	No data available
Initial boiling point and boiling range	100 °C
Flammability (Solid, Gas)	No data available
Flammability Limit in Air	
Upper flammability or explosive limits	No data available
Lower flammability or explosive limits	No data available
Flash point	No data available
Autoignition temperature	No data available
Decomposition temperature	
pH	7-8
pH (as aqueous solution)	No data available
Kinematic viscosity	No data available
Dynamic Viscosity	No data available
Water solubility	No data available Miscible in water
Solubility(ies)	No data available
Partition Coefficient	No data available
Vapor Pressure	32 hPa at 25 °C
Relative Density	1.1 g /ml

Bulk Density	No data available
Liquid Density	No data available
Vapour Density	No data available
Particle characteristics	
Particle Size	No information available
Particle Size Distribution	No information available

## 9.2. Other information

9.2.1. Information with regards to physical hazard classes Not applicable

9.2.2. Other safety characteristics No information available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity No information available.

### 10.2. Chemical stability

Stability Stable under normal conditions.

#### Explosion Data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

Hazardous Decomposition Products None known based on information supplied.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

#### Information on likely routes of exposure

#### Product Information

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

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

Skin contact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). Causes mild skin irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

#### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Redness. Burning. May cause blindness. May cause redness and tearing of the eyes. Prolonged contact may cause redness and irritation.
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#### Acute toxicity

##### Numerical measures of toxicity

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

ATEmix (oral)	27,073.20 mg/kg
ATEmix (dermal)	8,459.30 mg/kg
ATEmix (inhalation-dust/mist)	1.00 mg/l

##### Unknown acute toxicity

##### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alpha Olefin Sulfonate	= 2220 mg/kg ( Rat )	> 740 mg/kg ( Rabbit )	> 52 mg/L ( Rat ) 4 h
Sodium lauroyl sarcosinate	-	-	0.05 - 0.5 mg/L ( Rat ) 4 h
Lauryl Glucoside	-	> 2000 mg/kg ( Rabbit )	-
Hexylene glycol	= 3700 mg/kg ( Rat )	= 12300 mg/kg ( Rabbit )	> 310 mg/m3 ( Rat ) 1 h
Alkylpolyglycoside C8-10	-	> 2000 mg/kg ( Rabbit )	-
Blue dye	-	> 5020 mg/kg ( Rat )	-

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

Skin corrosion/irritation	May cause skin irritation. Classification based on data available for ingredients. Causes skin irritation. Causes mild skin irritation.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes burns. Causes serious eye damage.
Respiratory or skin sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

#### 11.2. Information on other hazards

##### 11.2.1. Endocrine disrupting properties

Endocrine disrupting properties	This product does not contain any known or suspected endocrine disruptors.
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### 11.2.2. Other information

Other Adverse Effects No information available.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecotoxicity The environmental impact of this product has not been fully investigated.

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

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Alpha Olefin Sulfonate	-	LC50: 1.0 - 10.0mg/L (96h, Brachydanio rerio) LC50: =12.2mg/L (96h, Brachydanio rerio)	-	-
Sodium lauroyl sarcosinate	-	LC50: =107mg/L (96h, Danio rerio)	-	-
Hexylene glycol	-	LC50: 10500 - 11000mg/L (96h, Pimephales promelas) LC50: =10000mg/L (96h, Lepomis macrochirus) LC50: =8690mg/L (96h, Pimephales promelas) LC50: =10700mg/L (96h, Pimephales promelas)	EC50 = 3038 mg/L 5 min	EC50: 2700 - 3700mg/L (48h, Daphnia magna)
Alkylpolyglycoside C8-10	-	LC50: =170mg/L (96h, Danio rerio)	-	-

### 12.2. Persistence and degradability

Persistence/Degradability No information available.

### 12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

#### Component Information

Chemical Name	Partition coefficient
Alpha Olefin Sulfonate	-1.3
Hexylene glycol	0.14
Blue dye	-0.048

### 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	Partition coefficient
Alpha Olefin Sulfonate	The substance is not PBT / vPvB
Sodium lauroyl sarcosinate	The substance is not PBT / vPvB
Lauryl Glucoside	The substance is not PBT / vPvB

Hexylene glycol	The substance is not PBT / vPvB
Alkylpolyglycoside C8-10	The substance is not PBT / vPvB

**12.6. Endocrine disrupting properties**

Endocrine disrupting properties      No information available.

**12.7. Other adverse effects**

No information available.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

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

Contaminated packaging      Do not reuse empty containers.

**SECTION 14: TRANSPORT INFORMATION****IMDG**

14.5 Marine Pollutant      This material may meet the definition of a marine pollutant

**RID**

14.2 Proper Shipping Name      Not regulated

**ADR**

14.2 Proper Shipping Name      Not regulated

**IATA**

14.2 Proper Shipping Name      Not regulated

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations

France

Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number
Hexylene glycol 107-41-5	RG 84

**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.

**Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (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)

Chemical Name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
Hexylene glycol - 107-41-5	75.	-
Blue dye - 4368-56-3	75.	-

**Persistent Organic Pollutants**

Not applicable

**Dangerous substance category per Seveso Directive (2012/18/EU)**

H2 - ACUTE TOXIC

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

Not applicable

**International Inventories**

Chemical name	TSCA	DSL/NDSL	EINECS/ ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Alpha Olefin Sulfonate 68439-57-6 ( >6 )	X	X	X	X	-	X	X	X
Sodium lauroyl sarcosinate 137-16-6 ( >2 )	X	X	X	X	X	X	X	X
Lauryl Glucoside 110615-47-9 ( >1 )	X	X	-	X	X	X	X	X
Hexylene glycol 107-41-5 ( >1 )	X	X	X	X	X	X	X	X
Amine Oxide Surfactant 61788-90-7 ( >1 )	X	X	X	X	X	X	X	X
Alkylpolyglycoside C8-10 68515-73-1 ( >1 )	X	X	X	X	X	X	X	X
Blue dye 4368-56-3 ( <10 )	X	X	X	X	X	X	X	X

**Legend**

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

AICS Australian Inventory of Chemical Substances  
NZIoC New Zealand Inventory of Chemicals

## 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

H315 - Causes skin irritation

H319 - Causes serious eye irritation

### Legend

SVHC: Substances of Very High Concern for Authorisation:

### Legend

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

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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)  
EPA (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)  
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

**Issue Date:** 29-Jan-2024

**Revision Date:** 14-Mar-2024

**Revision Note:** New format.

**Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)**

**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**