

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by  
UK REACH Regulations SI 2019/758

# CRODA

## SP CRILL 3 MBAL-PW-(SG)

Version 1.0	Revision Date: 26.05.2023	Product code: SD80408	Date of last issue: - Date of first issue: 26.05.2023	Print Date : 08.06.2023
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product name : SP CRILL 3 MBAL-PW-(SG)  
REACH Registration Number : 01-2119969652-26-0004  
Substance name : Sorbitan, monoctadecanoate

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

Use of the  
Substance/Mixture : Emulsifier

#### 1.3 Details of the supplier of the safety data sheet

Company : Croda Europe Limited  
Cowick Hall  
Snaith  
Goole  
DN14 9AA  
East Riding of Yorkshire  
GB

Telephone : +441405860551  
Telefax : +441405860205  
E-mail address : Sds.compiler@croda.com

#### 1.4 Emergency telephone number

Emergency telephone number : USA: 24 Hour Emergency Response Information CHEMTREC  
toll free: 1-800-424-9300; direct/international: 1-703-527-3887.  
CANADA: GFL 1-877-898-7222. EUROPE: 00 32 3575 5555.  
ASIA PACIFIC - excl. China:+65 6542-9595. CHINA: +86 816-  
635 2206. AUSTRALIA: +61 2 7808 3390. SOUTH AFRICA:  
+32 3 575 55 55. BRASIL: Ambipar 0800 117 2020. LATAM:  
Suatrans (+55) 11 98149-0850 / (+55) 19 3833-5300.  
COLOMBIA: +312 586 2890 / 310 588 1555. INDIA: +91 22  
30948601/2. JAPAN: +65 6542 9595 (24 時間日本語対 応無料  
通話, シンガポール). TÜRKIYE: Sağlık Bakanlığı Ulusal Zehir  
Merkezi 114

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Not a hazardous substance or mixture.

#### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Not a hazardous substance or mixture.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Substance name : Sorbitan, monoctadecanoate

#### Components

No hazardous ingredients

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- If inhaled : If breathed in, move person into fresh air. If symptoms persist, call a physician.
- In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water. If symptoms persist, call a physician.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- If swallowed : If large quantities of this material are swallowed, call a physician immediately.

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

Symptoms : None known.

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

Treatment : None known.

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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.  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:  
Carbon oxides

Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ensure adequate ventilation.  
Use personal protective equipment.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

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### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Sweep up and shovel into suitable containers for disposal.

### 6.4 Reference to other sections

None.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid dust formation.  
Handle in accordance with good industrial hygiene and safety practice.

Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed. Avoid dust formation in confined areas.

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

Requirements for storage : Store in original container. Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage : No special restrictions on storage with other products.

Further information on storage stability : Keep in a dry place.  
Stable under recommended storage conditions.

### 7.3 Specific end use(s)

Specific use(s) : Emulsifier

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### Predicted No Effect Concentration (PNEC):

Substance name	Environmental Compartment	Value
Sorbitan ester	Fresh water	0.32 mg/l
	Marine water	0.032 mg/l
	Water	
Remarks:	Intermittent use/release, Not applicable	
	Fresh water sediment	1.141 mg/kg
	Marine sediment	1.141 mg/kg
	Sewage treatment plant	
	Not applicable	
	Soil	
	Not applicable	
	Air	
	Not applicable	

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	Secondary Poisoning, Not applicable		
Sorbitan ester	Fresh water		0.32 mg/l
	Marine water		0.032 mg/l
	Water		
Remarks:	Intermittent use/release, Not applicable		
	Fresh water sediment		1.141 mg/kg
	Marine sediment		1.141 mg/kg
	Sewage treatment plant		
	Not applicable		
	Soil		
	Not applicable		
	Air		
	Not applicable		
	Secondary Poisoning, Not applicable		

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Safety glasses with side-shields  
Hand protection

Remarks : For prolonged or repeated contact use protective gloves.  
Skin and body protection : Impervious clothing  
Respiratory protection : No personal respiratory protective equipment normally required.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : powder  
Colour : yellow  
Odour : No data available  
Odour Threshold : No data available  
  
pH : No data available  
  
Melting point/range : No data available  
  
Boiling point : No data available  
  
Decomposition temperature : No data available  
  
Flash point : Not applicable  
  
Evaporation rate : No data available  
  
Flammability (solid, gas) : No data available

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Upper explosion limit / Upper flammability limit : Not applicable

Lower explosion limit / Lower flammability limit : Not applicable

Vapour pressure : No data available

Relative vapour density : Not applicable

Density : No data available

Solubility(ies)  
Water solubility : No data available  
Solubility in other solvents : not determined

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : Not applicable

Viscosity  
Viscosity, dynamic : No data available  
Viscosity, kinematic : Not applicable  
No data available

Explosive properties : No data available

Oxidizing properties : No data available

### 9.2 Other information

Oxidizing potential : No data available

Particle size : No data available

Particle Size Distribution : No data available

Self-ignition : No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

No data available

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### 10.3 Possibility of hazardous reactions

Hazardous reactions : Dust may form explosive mixture in air.  
Stable under recommended storage conditions.

### 10.4 Conditions to avoid

Conditions to avoid : Avoid dust formation.

### 10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

### 10.6 Hazardous decomposition products

No data available

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Product:

Acute oral toxicity : LD50 (Rat): 15,900 mg/kg

Acute inhalation toxicity : No data available:

Acute dermal toxicity : No data available:

#### Skin corrosion/irritation

##### Product:

Species : Rabbit

Exposure time : 72 h

Method : Draize Test

Remarks : Mild skin irritation

#### Serious eye damage/eye irritation

##### Product:

Species : Rabbit

Exposure time : 7 d

Method : Draize Test

Remarks : Mild eye irritation

#### Respiratory or skin sensitisation

##### Product:

Remarks : Patch test on human volunteers did not demonstrate sensitisation properties.

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### Germ cell mutagenicity

**Product:**

Genotoxicity in vitro : Remarks: No data available

### Carcinogenicity

**Product:**

Carcinogenicity -  
Assessment : No data available

### Reproductive toxicity

**Product:**

Reproductive toxicity -  
Assessment : No data available

### STOT - single exposure

**Product:**

Assessment : No data available

### STOT - repeated exposure

**Product:**

Assessment : No data available

### Aspiration toxicity

**Product:**

No data available

### Further information

**Product:**

Remarks : A two-year feeding study on rats did not reveal adverse health effects.

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## SECTION 12: Ecological information

### 12.1 Toxicity

**Product:**

Toxicity to fish : Remarks: No data available

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### 12.2 Persistence and degradability

**Product:**

Biodegradability : Remarks: Readily biodegradable

### 12.3 Bioaccumulative potential

**Product:**

Bioaccumulation : Remarks: Does not bioaccumulate.

### 12.4 Mobility in soil

**Product:**

Distribution among  
environmental compartments : Remarks: No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

**Product:**

Environmental fate and pathways : None.  
Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.  
Additional ecological information : No data available

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.  
Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### SECTION 14: Transport information

#### 14.1 UN number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Remarks : Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

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### SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

#### The components of this product are reported in the following inventories:

TSCA	: All chemical substances in this product are listed on the Active TSCA Inventory.
REACH	: Registered for import by authorised entities only.
DSL	: All components of this product are on the Canadian DSL
AICS	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
ISHL	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory

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IECSC : On the inventory, or in compliance with the inventory

### 15.2 Chemical safety assessment

not required

## SECTION 16: Other information

### Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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

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