



Guidance on Safe Use

Cocoa Powder

Region: APAC & EMEA

***This product is out of scope of Regulation (EC) No 1272/2008 and a Safety Data Sheet is not legally required according to Art. 31 of Regulation (EC) No 1907/2006.
This document is provided on voluntarily basis to facilitate the communication of safety information and to ensure the appropriate handling, storage and disposal of the product.***

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

1.1 Product Identifier

Substance name: Cocoa powder

CAS number: 84649-99-0

EC number: 283-480-6

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

Identified use: As food ingredients

1.3 Supplier:

Cargill BV, Cargill Cocoa & Chocolate

Evert van de Beekstraat 378

1118 CZ Schiphol

The Netherlands

Phone number

+31 (0)20 500 6000

Email address FSQR Customer Relations Asia Pacific

AP-FSQRinfo@cargill.com

Email address FSQR Customer Relations Europe, Middle East, Africa

EMEA-FSQRinfo@Cargill.com

Emergency phone number

+31 (0)20 485 8604

Production sites:

De Eenhoorn:

Eenhoornweg 12, 1531ME Wormer, The Netherlands

Cargill SARL:

Abidjan 01, Zone Industrielle de Yopougon, 01 B.P. V 77,
Côte d'Ivoire

Cargill Cocoa and Chocolate SAS France:

ZI du Grand Launay, 6 av. Philippe Lebon, BP 282, 76124,
Le Grand Quevilly, France

Cargill Cocoa & Chocolate Gresik:

Jl. Manyar KM 25 Beta Plot 2, Kawasan Industrsi Maspion (KIM),

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Cargill Ghana Limited:
Cargill Agrícola S/A:

Manyar Sidomukti, Manyar, Gresik, 61151, Indonesia
Free Zone Enclave, PMB 251, Community 1, Tema, Ghana
Rodovia Ilhéus-Uruçuca, Km08, Distrito Industrial,
Ilhéus – Ba – Brazil

2. HAZARDS IDENTIFICATION

This product is not classified as hazardous under Regulation (EC) No 1272/2008.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical name	CAS-No. EC-No. REACH registration number	Classification	Concentration (% w/w)
Cocoa, ext.	84649-99-0 283-480-6 01-2119974120-46	Not classified as hazardous	>= 90 - <= 100

4. FIRST-AID MEASURES

If inhaled: If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of Skin contact: Wash with water and soap

In case of Eye contact: Remove contact lenses.
If eye irritation persists, consult a specialist.

If swallowed: Drink hot water
Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray, Carbon dioxide (CO₂), sand, dry chemical or appropriate foam.

Unsuitable extinguishing media: Do NOT use water jet.



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Specific hazards during fire-fighting:	May form explosive mixtures in air. Burning may produce carbon monoxide.
Special protective equipment for firefighters:	Wear self-contained breathing apparatus for firefighting if necessary.
Further information:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid dust formation. Ensure adequate ventilation. Remove all sources of ignition.
Environmental precautions:	If the material has been released into a stream or sewer, inform the proper authorities of the possible presence of solid material.
After spillage / leakage on soil:	remove mechanically. In water remove mechanically. Keep in suitable containers for disposal.
Measures for cleaning/collecting:	Recover product by vacuum or broom and shovel into suitable containers for disposal. Reject spilt material for food use.

7. HANDLING AND STORAGE

Handling:	Smoking, eating and drinking should be prohibited in the application area. Apply general industrial hygiene practice.
Advice on protection against fire and explosion:	Take measures to prevent the buildup of electrostatic charge. During processing, dust may form explosive mixture in air. Provide appropriate exhaust ventilation at places where dust is formed.
Storage:	Store in a dry, well ventilated area, away from strong odors, to prevent entry of moisture and foreign odors.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit:	Contains no substances with occupational exposure limit values.
Eye protection:	Safety glasses
Skin and body protection:	Protective suit
Respiratory protection:	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown/red powder
Odour:	Characteristic
Bulk density:	10/12 % fat: around 350 g/l
	20/22 % fat: around 400 g/l

Other information:

Lower Explosive Limit:	15 – 125 g/m ³
Minimum Ignition Temperature:	490 – 590 °C
Minimum Ignition Energy:	>10 ⁵ mJ
Maximum explosion pressure:	6,5 – 9,1 bar
Dust explosion constant (K _{st} -value):	62-108 bar.m/sec

10. STABILITY AND REACTIVITY

Hazardous reactions:	Stable under normal operating conditions
Hazardous decomposition products:	No hazardous decomposition products are known.

Other information:

Shelf life:	36 months.
The optimum storage conditions are at 10-25°C with RH < 50%, in a clean, dry, well-ventilated area, away from strong odors.	

11. TOXICOLOGICAL INFORMATION

This product has a long history of safe use in wide range of nutritional applications (food stuffs) and other industrial applications. It is not expected to induce germ cell mutagenicity, carcinogenicity and reproductive toxicity.



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12. ECOLOGICAL INFORMATION

In case of large spills in the environment, temporary pollution may occur.
The product is completely biodegradable

13. DISPOSAL CONSIDERATION

Recommendations about product: Substance is biodegradable. Dispose in land fill if local regulations allow.

Recommendation about packaging: disposal must be made according to official local regulations

14. TRANSPORTATION INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59):	Not applicable
REACH - List of substances subject to authorization (Annex XIV):	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer:	Not applicable
Regulation (EC) No 850/2004 on persistent organic pollutants:	Not applicable
Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals:	Not applicable
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII):	Not applicable
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.:	Not applicable

16. OTHER INFORMATION

If you have any questions, don't hesitate to contact your Cargill Food Safety, Quality and Regulatory contact for further information and background.

FSQR Customer Relations
Food Safety, Quality & Regulatory
Cargill Cocoa & Chocolate

Statement will be reviewed within 15 months.



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