

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

1.1. Product identifier

Trade name : Control powder with applicator- 150gr
Product code : CPS 160

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Chemical Europe NV
Baarbeek 2
2070 Zwijndrecht
T +32 (0) 3 234 87 80 - F +32 (0) 3 234 87 89
info@chemical.eu

1.4. Emergency telephone number

Emergency number : +32 (0) 3 760 08 09

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) : None
Signal word (CLP) : To our knowledge, the product does not present any particular risk, under normal conditions of use
Hazard statements (CLP) : To our knowledge, the product does not present any particular risk, under normal conditions of use.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Fe ₃ O ₄ (Fe ₂ O ₃ *FeO) Synthetic iron oxide	(CAS-No.) 1317-61-9 (EC-No.) 215-277-5		Not classified

Comments : According to EC criteria, this product is not classified as a hazardous substance

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Keep victim warm and rested.

First-aid measures after inhalation : Allow affected person to breathe fresh air. Get medical advice/attention if you feel unwell. Administer oxygen if breathing is difficult. Respiratory problems: consult a doctor/medical service. If unconscious, place in the recovery position and seek medical advice. Allow affected person to breathe fresh air. Keep respiratory tract clear. Loosen tight clothing such as a collar, tie, belt or waistband.

First-aid measures after skin contact : No specific measures are necessary.

First-aid measures after eye contact : Contact lenses should be removed. If eye irritation persists: Get medical advice/attention. Eye contact: immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Continue to rinse for at least 10 minutes.

First-aid measures after ingestion : No specific measures have to be taken if the product is swallowed.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. carbon dioxide (CO₂). extinguishing powder. Water fog.

5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard.

Reactivity in case of fire : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

5.3. Advice for firefighters

Protection during firefighting : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Other information : No action shall be taken involving any personal risk or without suitable training.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear personal protective equipment. Keep public away.

6.1.1. For non-emergency personnel

Protective equipment : No specific data.

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Emergency procedures : No particular/specific measures required.
Measures in case of dust release : No particular/specific measures required.

6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment. Breathing apparatus.

6.2. Environmental precautions

Do not allow material to contaminate ground water system.

6.3. Methods and material for containment and cleaning up

For containment : Mechanically recover the product.
Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.
Other information : Wash contaminated clothes.

6.4. Reference to other sections

SECTION 7. SECTION 8. SECTION 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : No specific data.
Precautions for safe handling : No specific data.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : When using do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs.
Storage conditions : Keep away from food and drink.
Storage area : Good standard of general ventilation. Ensure good ventilation of the work station.

7.3. Specific end use(s)

No particular/specific measures required.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Recommended monitoring procedures: if this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

8.2. Exposure controls

Appropriate engineering controls:

Provide adequate ventilation to minimize dust concentrations. Do not breathe dust. When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

Materials for protective clothing:

Wear suitable protective clothing

Hand protection:

protective gloves. Wash hands, forearms and face thoroughly after handling.

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Eye protection:

Safety glasses. Safety glasses. Wear closed safety glasses. Safety glasses with side shields. safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin and body protection:

Wear suitable protective clothing. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure

Respiratory protection:

Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust

Device	Filter type	Condition	Standard
	Type P2		

Personal protective equipment symbol(s):



Consumer exposure controls:

Ensure the ventilation system is regularly maintained and tested.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Colour	: Black.
Odour	: odourless.
Odour threshold	: No data available
pH	: 4.5 – 8
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: > 1000 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: ≥ 0
Relative density	: No data available
Density	: 4.6 kg/l
Solubility	: Insoluble in the following materials: cold water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

at temperatures above 120°C the product may become unstable and oxidise. This generates additional heat which, under unfavourable conditions, may result in the combustion of flammable materials. The product should therefore not be stored near heat sources.

10.5. Incompatible materials

To our knowledge, the product does not present any particular risk, under normal conditions of use.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Skin corrosion/irritation : Not classified
pH: 4.5 – 8

Serious eye damage/irritation : Not classified
pH: 4.5 – 8

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

Potential adverse human health effects and symptoms : No data available, however by analogy, this product is not considered to be irritating to the skin.

LD50 value relevant for classification

Fe3O4 (Fe2O3*FeO) Synthetic iron oxide

Oral	LD50	>5000 mg/kg (rat)* *Test results on an analogous product
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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No observed effects.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Recycle or dispose of in compliance with current legislation. Ensure all national/local regulations are observed. This material and its container must be disposed of in a safe way, and as per local legislation. Refer to manufacturer/supplier for information on recovery/recycling.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN
14.1. UN number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

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14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Other information, restriction and prohibition regulations : According to EC criteria, this product is not classified as a hazardous substance.

15.1.2. National regulations

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

No additional information available

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.