



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Item number/ Trade name **CS 3550**Version/ Issue date: **13 / 22.05.18**Print date **01.02.19**Page **1 of 7**

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

1.1 Product identifier

Item number/ Trade name Additive / Stabiliser for candles
CS 3550

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

General use Stabiliser for candles

1.3 Details of the supplier of the safety data sheet

Company/undertaking identification

Name	Protection Chemicals GmbH & Co. KG
Street/POB-No.: 1	Industriestrasse 104
City	66802 Ueberherrn / Germany
Phone #	+49 6836 9198 0
Telefax #	+49 6836 9198 10
E-mail	info@protection-chemicals.com

1.4 Emergency telephone number

Name	---
Phone #	+49 6836 9198 0 [8.00-16.00 h]

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

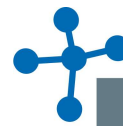
Eye Irrit. 2; H319 Causes serious eye irritation.
STOT SE 3; H335 May cause respiratory irritation.
Skin Irrit. 2; H315 Causes skin irritation.

2.2 Label elements



Warning

Nature of Hazard	GHS07 Exclamation mark
Hazard statements (CLP)	H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.
Precautionary statements (CLP)	P264 Wash affected areas thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P362 Take off contaminated clothing. P302+P350 IF ON SKIN: Gently wash with plenty of soap and water. P332+P313 If skin irritation occurs: Get medical advice/attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area. P312 Call a POISON CENTER/doctor/###/if you feel unwell. P501 Dispose of contents/container to hazardous or special waste collection point. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P403+P233 Store in a well-ventilated place. Keep container tightly closed.
Hazard-determining component(s) of labelling	



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2-Hydroxy-4-Methoxybenzophenon

2.3 Other hazards

SECTION 3: Composition / information on ingredients

3.1 Substances

Mixture of stabilisers for candles
CAS-Number ---
EINECS / ELINCS / NLP ---
REACH registration No. ---

3.2 Mixtures

Hazardous ingredients

2-Hydroxy-4-Methoxybenzophenon: 50 % - 74,99 %
CAS-Number: 131-57-7
EINECS / ELINCS / NLP: 205-031-5
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / STOT SE 3; H335 / Skin Irrit. 2; H315

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

SECTION 4: First aid measures

4.1 Description of first aid measures

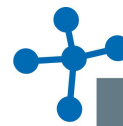
General information	If you feel unwell, seek medical advice.
In case of inhalation	Move victim to fresh air. Seek medical aid in case of troubles.
In case of skin contact	Remove residues with soap and water.
After eye contact	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists.
After swallowing	Do NOT induce vomiting. Drink large quantities of water. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms ---

4.3 Indication of any immediate medical attention and special treatment needed

Information to physician ---



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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide , water fog , extinguishing powder , foam

Extinguishing media which must not be used for safety reasons Full water jet

5.2 Special hazards arising from the substance or mixture

Possible combustion products Nitrogen oxides (NOx), carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Special protective equipment for firefighters Wear self-contained breathing apparatus. full protection suit

Additional information Do not allow water used to extinguish fire to enter drains, ground or waterways. Do not allow fire water to penetrate into surface or ground water. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Do not breathe dust. Keep away from sources of ignition - No smoking. Avoid contact with skin, eyes, and clothing.

6.2 environmental precautions

Do not allow to enter into ground-water, surface water or drains. Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Take up spilled product with dustpan and brush. Avoid causing any dust. Industrial vacuum cleaner recommended to avoid causing dust. Clean soiled areas with a conventional household cleaner.

6.4 Reference to other sections

Personal protection equipment: see section 8, Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling Handle and open container with care. Danger of dust explosion. Avoid dust formation. Make sure there is sufficient air exchange and / or that working rooms are air suctioned. When using do not eat, drink, smoke, sniff.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers Store in a cool dry place. Keep away from sources of ignition and heat. Protect against direct sunlight. Keep container tightly closed. Use only closed, grounded equipment with this product.

Storage class 11

7.3 Specific end use(s)

General use Stabiliser for candles

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No specific workplace limits for the mixture and the contents thereof are known.



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8.2 Exposure controls

Respiratory protection	Provide good ventilation and/or an exhaust system in the work area. Use appropriate respiratory protection.
Hand protection	Wear suitable gloves.
Eye protection	Goggles
Body protection	Wear suitable protective clothing and shoes.
General protection and hygiene measures	Keep away from food and drinks. When using do not eat, drink or smoke. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	solid
Colour	whitish, yellowish
Odour	characteristic

Important health, safety and environmental information

Initial boiling point and boiling range	not determined		
Melting point/freezing point	62 °C	- 125 °C	
Flash point/flash point range	> 100 °C		
Ignition temperature	not determined		
Solubility	Product is difficult to dissolve in water.		
Vapour pressure	not determined	---	---
Density	not determined	---	---
Bulk density	491 kg/m ³	---	
Viscosity	---	---	---
Explosion limits	---	---	
PH value			---
Partition coefficient: n-octanol/water	> 3,5		---

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

Non-reactive

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Avoid dust formation. Avoid dust deposits. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

10.5 Incompatible materials

strong acids and bases, strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous vapours may form during fires. In case of fire may be liberated: Nitrogen oxides (NO_x), carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

General remarks

No toxicological tests were conducted with the mixture.

Toxicological tests: components

2-Hydroxy-4-Methoxybenzophenon



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Skin irritation:	-	Causes skin irritation.
Eye irritation:	-	Causes serious eye irrita
Acute oral toxicity <i>Rat</i>	LD50>	7400.0 mg/kg
Ames test	-	negative
Acute dermal toxicity <i>Rabbit</i>	LD50>	16000.0 mg/kg

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity ---

Ecotoxicological effects: components

2-Hydroxy-4-Methoxybenzophenon

Fish toxicity: LC50 >= 100.0 mg/l

12.2 Persistence and degradability

Evaluation text ---
Degree of elimination ---
Analytical method ---

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

The substance/ mixture is not classified as PBT or vPvB.

12.6 Other adverse effects

The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Recommendation Dispose of waste according to applicable legislation. Discharge into the environment must be avoided.

Contaminated packaging

Recommendation Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled.. Handle contaminated packages in the same way as the substance itself.



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SECTION 14: Transport information

14.1 UN number

ADR, IATA, IMDG ---

14.2 UN proper shipping name

Product designation: ADR/RID ---

Proper shipping name: IATA ---

Proper shipping name: IMDG ---

14.3 Transport hazard class(es)

Class ADR/RID ---

Code: ADR/RID ---

Class IATA ---

Subrisk IATA ---

Class IMDG ---

Subrisk IMDG ---

14.4 Packing group

ADR, IATA, IMDG ---

14.5 Environmental hazards

Marine Pollutant -
IMDG ---

EmS ---

Stowage and segregation ---

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Additional information

EQ ---

Limited quantities ---

Tunnel restriction ---

Transport category ---

Kemmler-number ---

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

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

National regulations

Germany

Storage class 11

Water Hazard Class 2

Information on working limitations ---

15.2 Chemical Safety Assessment

Chemical Safety Assessment

No substance safety evaluation was conducted with the mixture/ substance.



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SECTION 16: Other information

Hazard statements (CLP)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Reason of change **General revision**

Abbreviations

--- no data, not determined or not applicable

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Verordnung (EG) Nr. 1907/2006)

OECD Organisation for Economic Co-operation and Development

LD50 Median lethal dose

LC50 Median lethal concentration

EC50 Median effective dose

IC50 Median inhibitory concentration

VCI Verband der chemischen Industrie

CAS Chemical Abstract Service

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

NLP No Longer Polymers

CLP Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging

EG Europäische Gemeinschaft

WGK Wassergefährdungsklasse (nach VwVwS)

AGW Arbeitsplatzgrenzwert

ADR Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID Règlement concernant le transport international ferroviaire des marchandises dangereuses (International Rule for Transport of Dangerous Substances by Railway)

IATA International Air Transport Association

IMDG International Maritime Dangerous Goods

MARPOL International Convention for the Prevention of Pollution From Ships (MARine POLLution)

EmS Emergency Schedules