

STERICOAT™ HD20 (Hygiene Paint)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Issue date: 8/29/2020 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Trade name : SteriCoat™ HD20
Product Identity : Hygiene paint

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Hygienic paint application by brush, roller or spray..
Use in buildings or building externals where opportunity for exposure arises.
Industrial /professional application
PC9a: Coatings and paints, thinners, paint removers.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Chem X Ltd, Godfrey Suite, St Margarets, Leeds Old Road, Bradford, West Yorkshire, BD3 8JX
United Kingdom
Phone- Number: + 44 (0) 333 3355499
e-mail: info@chem-x.uk

1.4. Emergency telephone number

Emergency number : + 44 (0) 333 3355499
Only available during office hours.
9:00 - 17:00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not hazardous according to these regulations

Adverse physicochemical, human health and environmental effects

No data available.

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2.2. Label elements

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

Hazard pictograms :

Signal word : No signal word.

Hazard statements : None.

Prevention :

Precautionary statements :

P233	Keep container tightly closed
P261	Avoid breathing dust, fumes, gas, mist, vapours or spray.
P301+P330+P331	If swallowed rinse mouth. DO NOT INDUCE VOMITING.
P305+P351+P338	If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P401	Store in accordance with National Regulations
P501	Dispose of contents and container to approved waste disposal site in accordance with National Regulations.

Special Packaging Requirements:

Containers to be fitted with child resistant fastenings :

Not applicable.

Tactile warning of danger : Not applicable.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures			
Name	Product identifier	%	Regulation (EC) No. 1272/2008 [CLP]
REACTION MASS SILVER CHLORIDE WITH TITANIUM DIOXIDE		<1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
DIOCTYL SULFOSUCCINATE SODIUM SALT	(CAS-No.) 577-11-7 (EC-No.) 209-406-4 (REACH) 01-2119491296-29-01-2119491296-29-0010 01-2119491296-29-0011 2119491296-29-0021	<0.1	Skin Irrit. 2, H315 Eye Dam. 1, H318

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Remove immediately contaminated clothing.
First-aid measures after inhalation	: Move to fresh air. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Rinse skin with water/shower. Consult a doctor/medical service if you feel unwell.

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First-aid measures after eye contact	: Rinse opened eye for at least 10 minutes under running water. Then consult doctor.
First-aid measures after ingestion	: Rinse mouth immediately and drink plenty of water. Induce vomiting. In case of doubt or persistent symptoms, consult always a physician.

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

Symptoms/effects after inhalation	: No symptoms
Symptoms/effects after skin contact	: There may be mild irritation at the site of contact.
Symptoms/effects after eye contact	: There may be irritation and redness.
Symptoms after ingestion	: There may be mild irritation of the throat.
Delayed / Immediate effects	: No data 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 (CO ₂), powder.
Unsuitable extinguishing media	: Water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Fire will produce dense black smoke.
Hazardous decomposition products in case of fire	: Fire may release hazardous fumes. Where appropriate breathing apparatus.

5.3. Advice for firefighters

Firefighting instructions	: Cool closed containers exposed to fire with water. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Do not allow run off to enter the drains or water courses.
Protective equipment for firefighters	: EN 137. Use self-contained breathing apparatus. Standard EN 469 - Protective clothing for firefighters. Standard - EN 659: Protective gloves for firefighters.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Wear breathing apparatus if exposed to vapours/dusts/aerosols. Turn leaking containers leak side up to prevent escape of liquid.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable protective clothing.
Measures in case of dust release	: Avoid inhalation of the product.

6.1.2. For emergency responders

Protective equipment	: In case of fire: Wear self-contained breathing apparatus. Wear suitable protective clothing. Wear recommended personal protective equipment.
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6.2. Environmental precautions

Do not allow to enter into ground-water, surface water or drains.
If the product contaminates lakes, rivers, sewers or watercourses notify the local authorities in accordance with local regulations

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Clean up, preferably with a detergent and water - avoid use of solvents.
Other information	: No information available.

6.4. Reference to other sections

For disposal of residues refer to section 13 : Disposal considerations. Refer to chapter 8.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Avoid aerosol formation.
Smoking, eating and drinking should be prohibited in the application area.
Never use pressure to empty, container is not a pressure vessel.
Always keep in containers of same material as the original one.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in accordance with the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR) in a cool dry place. Store at room temperature in accordance with Health & Safety at Work Regulations.
Store away from strong oxidising agents, strong acids or strong bases.
Keep away from sources of ignition; no smoking
Observe label information and precautions

Storage temperature : 5 – 25 °C away from heat and direct sunlight in a well ventilated storage location

7.3. Specific end use(s)

The principles contained in the HSE guidance note: Chemical Warehousing: The storage of packaged dangerous substances should be observed when storing this product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits

Contains no substances with occupational exposure limit values.

DNEL/ PNEC Values				
Hazardous ingredients:				
None present				
TYPE	EXPOSURE	VALUE	POPULATION	EFFECT

8.2. Exposure controls

Appropriate engineering controls:

Provide adequate ventilation. Either local exhaust or general room ventilation is usually required. A washing facility/water for eye and skin cleaning purposes should be present. The floor of the storage room must be impermeable to prevent the escape of liquids.

Personal protective equipment:

Gloves. Skin protection, Protective clothing. Respiratory protection not required. Safety glasses.

Materials for protective clothing:

Long sleeved anti static protective clothing, made of natural fibre or high temperature resistant synthetic material.

Hand protection:

Wear suitable gloves tested to EN 374. Thickness of the glove material > 0.11 mm. Breakthrough time : > 480 min. Nitrile rubber.

Eye protection:

Safety glasses. EN 166

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Skin and body protection:

Lightweight anti static protective clothing. The use of barrier creams may help to protect exposed areas but should be applied before exposure can occur.

Respiratory protection.

Respiratory protection not required.

Personal protective equipment symbol(s):



Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke during use. Wash hands and face before breaks and immediately after handling of the product. Remove contaminated clothes.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: White, other colours available.
Odour	: Odourless.
Odour threshold	: No data available
pH	: ~9
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: 0 °C
Boiling point	: >100 °C
Flash point	: 68 °C
Auto-ignition temperature	: not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: not applicable
Relative vapour density at 20 °C	: <1 (lighter than air)
Relative density	: No data available
Density	: 1.12 – 1.27 g/cm ³
Solubility	: Miscible with Water:
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: ~1 (Rot thinner)
Explosive properties	: Not considered to be explosive.
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

Not available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use. Stable at room temperature.

10.2. Chemical stability

No decomposition if used as directed.

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10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Overheating. Sources of ignition

10.5. Incompatible materials

Strong oxidising agents. Strong acids and bases. (May cause exothermic reaction)

10.6. Hazardous decomposition products

In combustion may emit hazardous fumes (Carbon monoxide, carbon dioxide, oxides of nitrogen, smoke)

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
Eye damage/irritation	: There may be irritation and redness.
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

SECTION 12: Ecological information

12.1. Toxicity

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

Persistence and degradability	Product is not easily biodegradable.
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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

Ecology - soil	Avoid undiluted product to come into drains, sewer or water courses.
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12.5. Results of PBT and vPvB assessment

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Transfer to a suitable container and dispose of according to local regulations. Small amounts of unsorted special household wastes.

Additional information : Disposal must be done according to official regulations.

European List of Waste (LoW) code : European Waste Catalogue (EWC) 08 01 12

SECTION 14: Transport information

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

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

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail 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

No REACH Annex XVII restrictions

DIOCTYL SULFOSUCCINATE SODIUM SALT is not on the REACH Candidate List

DIOCTYL SULFOSUCCINATE SODIUM SALT is not on the REACH Annex XIV List

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DIOCTYL SULFOSUCCINATE SODIUM SALT is not 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.

DIOCTYL SULFOSUCCINATE SODIUM SALT is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : Not available

15.1.2. National regulations

Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to VwVwS, Annex 3; ID No. 6516)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen – Borstvoeding : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen – Vruchtbaarheid : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen – Ontwikkeling : The substance is not listed

15.2. Chemical safety assessment

A chemical safety assessment has been not been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
SDS	Safety Data Sheet
CAS	CAS - Chemical Abstracts Service
GHS	GHS - Globally Harmonised System
CSR	CSR - Chemical Safety Report
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
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
PVC	PVC (Polyvinyl chloride).

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PNEC	Predicted No-Effect Concentration
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

Sources of Key data : Supplier information.

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.