

SAFETY DATA SHEET

GREY

Issued: 2020-03-27

Version: 3

Reviewed on: 2021-11-12

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

1.1 PRODUCT NAME

Svensk Grå Slamfärg

CATALOGUE NO

48005

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Paint.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier: Vadstena Färg AB

Address: Platensgatan 21, 591 35 Motala

Telephone: 0143-63 47 00

E-mail: info@vadstenafarg.se

Webpage: www.vadstenafarg.se

1.4 EMERGENCY TELEPHONE NUMBER

Swedish Poisons Information Centre 112 (acute), +46 (0)10-456 67 00 (working hours)

Section 2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLP (Regulation (EC) No 1272/2008): EUH208, EUH211, EUH212

2.2 LABEL ELEMENTS

Labeling CLP (REGULATION (EC) No 1272/2008)

Pictograms:

-

Signal word:

-

Hazard statements:

-

Precautionary statements:

-

Contains: 1,2-Benzisothiazol-3-(2H)-on and 2-Methyl-2H-isothiazol-3-one.

2.3 OTHER HAZARDS

EUH208 – Contains 3(2H)-Isothiazolone, 4,5-dichloro-2-octyl, 2N-octyl-4-isothiazolin-3-one, 1,2-Benzisothiazol-3-(2H)-on and 2-Methyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH211 – 'Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.'

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The product does not meet the criteria for PBT (persistent / bioaccumulative / toxic) or vPvB (very persistent / very bioaccumulative).

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

ACCORDING TO CLP (REGULATION (EC) No 1272/2008)

Ingredient	EC No	REACH Registrati on Number	CAS Number	%	CLP Hazard Category	H-Statements
Ttanium dioxide	236-675-5	01-2119489379-17	13463-67-7	1-9 %	-	EUH211 EUH212
3(2H)-Isothiazolone, 4,5-dichloro-2-octyl-(DCOIT)	264-843-8	-	64359-81-5	0,001-0,01 %	GHS05 GHS06 GHS09 Danger	H302 H314 H317 H318 H330 H400 H410 EUH071
2N-octyl-4-isothiazolin-3-one (OIT)	247-761-7	01-2120768921-45	26530-20-1	0,001-0,01 %	GHS05 GHS06 GHS09 Danger	H301 H311 H314 H318 H317 H330 H400 H410 EUH071
1,2-Benzisothiazol-3-(2H)-on	220-120-9	01-2120761540-60	2634-33-5	0,001-0,009 %	GHS05 GHS07 GHS09 Danger	H302 H315 H318 H317 H400
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	911-418-6	01-2119490790-32	55965-84-9	0,001-0,005 %	GHS05 GHS06 GHS09 Danger	H301 H310 H314 H318 H317 H330 H400 H410 EUH071

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Alkohol ethoxylate, 13C + 3 EO	500-241- 6	01- 21199763 62-32	69011-36-5	0,1-0,9 %	GHS05 GHS07 Danger	H318 H302
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Section 4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL RECOMMENDATION

Keep the person warm and calm. Never give anything to eat or drink to the unconscious person. In case of slight uncertainty or if any problems remain, consult a doctor. View this Safety Data Sheet for a physician.

INHALATION

Remove patient to fresh air, allow to rest and keep warm. If any symptom persists, consult a physician.

SKIN CONTACT

Remove contaminated clothing, shoes and jewellery and wash before reuse. Wash skin thoroughly with soap and water or cleansing cream. If any symptom persists, consult a physician.

EYE CONTACT

Flush immediately with plenty of water for several minutes, keeping eyelids open. If any symptom persists, consult a physician.

INGESTION

Rinse mouth out with water and drink several glasses of water. Do not induce vomiting! If any symptom persists, consult a physician.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

May cause allergic reaction in already allergic persons. Inhalation of dust can be irritating.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

Eye wash facility should be available in working area.

Section 5. FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Use extinguishing media adapted to what is burning in the surroundings.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Non-combustible. Hazardous gases can be formed from carbon oxides in case of fire.

5.3 ADVICE FOR FIREFIGHTERS

In the event of fire, wear self-contained breathing apparatus. Prevent fire extinguishing water from contaminating surface water or the ground water system. Remove container from danger zone and cool with water.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Ensure adequate ventilation. Protective equipment, see Section 8. Avoid inhalation of dust from previously processed material and skin and eye contact. Warning! Hazardous respiratory droplets

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may develop when sprayed. Hazardous respirable dust may develop, while working with the product. Do not inhale dust, spray or mist.

6.2 ENVIRONMENTAL PRECAUTIONS

Prevent from entering sewers or the immediate environment. In case of large spill, inform local police, local authority, water company, National Rivers Authority and/or fire brigade as appropriate.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Contain/absorb with non-combustible absorbent material (eg. sand, earth, vermiculite, chemical absorbent) and place in suitable, closable container for safe disposal. Transfer to a closable, labelled salvage container for disposal by an appropriate method. See Section 13.

6.4 REFERENCE TO OTHER SECTIONS

See Sections 8 and 13 for information concerning protective equipment and waste treatment methods.

Section 7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Wear protective equipment, see Section 8. Ensure good ventilation. Avoid eye and skin contact. Avoid inhalation of dust from processed material, spray or fog.

7.2 CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES

.Keep container closed when not in use. Store in cool and dry location.

7.3 SPECIFIC END USE(S)

See EWC-code under Section 13.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

OCCUPATIONAL EXPOSURE LIMITS (according to 2000/39/EG and 2006/15/EG)

No OEL values apply to the product.

DNEL

-

PNEC

-

8.2 INDIVIDUAL PROTECTION MEASURES

RESPIRATORY PROTECTION

Ensure good ventilation. Particle filter P2 should be used for brushing painted surfaces and dust handling. Contact your protective equipment supplier for more information.

HAND PROTECTION

Protective gloves are recommended when working with the product. Wear protective gloves made of Nitrile rubber, Viton, 4H. Contact your protective equipment supplier for more information.

EYE/FACE PROTECTION

Use safety goggles if any risk for splashes in the eyes.

OTHER PROTECTIVE EQUIPMENT

Use if needed.

HYGIENE MEASURES

Avoid dusty handling.

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Do not eat, drink, or smoke while using this product. Immediately take off any contaminated clothing and launder before re-use. Wash hands and/or face before breaks and at the end of the shift. Use hand lotion if skin irritation should occur.

Eye wash facility should be available in working area.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON FUNDAMENTAL PHYSICAL AND CHEMICAL PROPERTIES

a) Physical state	Viscous liquid
b) Colour	Grey
c) Odour	Not available
<i>Odour threshold</i>	Not determined
d) Melting point/ freezing point	Not determined
e) Boiling point or initial boiling point and boiling range	Not determined
f) Flammability	Not determined
g) Lower and upper explosion limit	Not determined
h) Flash point	None
i) Auto-ignition temperature	Product is not self-igniting.
j) Decomposition temperature	Not determined
k) pH	5-7
l) Kinematic viscosity	Not determined
m) Solubility	Not determined
n) Partition coefficient n- octanol/water (log value)	Not determined
o) Vapour pressure	Not determined
p) Density and/or relative density	1,1-1,2 kg/L
q) Relative vapour density	Not determined
r) Particle characteristics	Not determined

9.2 OTHER INFORMATION

Physical hazard class: none.

9.2.2 Other safety characteristics

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a)	mechanical sensitivity	Not determined
b)	self-accelerating polymerisation temperature	Not determined
c)	formation of explosible dust/air mixture	Not determined
d)	acid/alkaline reserve	Not determined
e)	evaporation rate	Not determined
f)	miscibility	Not determined
g)	conductivity	Not determined
h)	corrosiveness	Not determined
i)	gas group	Not determined
j)	redox potential	Not determined
k)	radical formation potential	Not determined
l)	photocatalytic properties	Not determined

Section 10. STABILITY AND REACTIVITY

10.1 REACTIVITY

The product is stable under standard conditions.

10.2 CHEMICAL STABILITY

The product is chemically stable under standard conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

The product is chemically stable under standard conditions.

10.4 CONDITIONS TO AVOID

Avoid heating.

10.5 INCOMPARTIBLE MATERIALS

Not known if used under standard conditions.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

In the event of a fire, harmful flue gases may be formed, including: carbon dioxide and carbon monoxide.

Section 11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

	ACUTE EFFECTS	CHRONIC EFFECTS
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SKIN CONTACT	May cause allergic reaction to those already allergic to included allergens.	-
EYE CONTACT	-	-
INHALATION	Hazardous respiratory droplets may be formed when sprayed. Hazardous respirable dust may be formed when handling the product. Inhaling dry product, may be dangerous. Dust that spreads during brushing of previously painted material can cause breathing difficulties. The risk increases with prolonged or repeated exposure.	-
INGESTION	Swallowing can cause stomach pain and headaches.	-

ACUTE TOXICITY

TOXICOLOGICAL DATA FOR THE PRODUCT

Toxicological data for the product is not available.

3(2H)-Isothiazolone, 4,5-dichloro-2-octyl:

The primary health hazards are sensitisation of the skin resulting in allergies, as well as the inhalation of solvents.

2N-octyl-4-isothiazolin-3-one:

LC50 Inhaled rat 4h: >2 mg/l (hazardous if inhaled)

LD50 Oral rat: 550 mg/kg Bodyweight (hazardous if ingested)

LD50 Dermal rabbit: 690 mg/kg Bodyweight (hazardous in contact with skin)

1,2-Benzisothiazol-3-(2H)-on:

LD50 Oral Rat: 1020 mg/kg Body Weight (dangerous if inhaled)

LD50 Dermal Rat: >2000 mg/kg Body Weight (non-acute toxic)

Sensitising.

2-methyl-2H-isothiazol-3-one:

LC50 Inhalation Rat 4h: <0,2 mg/l (very toxic if inhaled)

LD50 Oral Rat: 40 mg/kg Body Weight (toxic if ingested)

LD50 Dermal Rabbit: 87 mg/kg Body Weight (toxic in contact with skin)

Risk of allergic contact dermatitis down to levels of 15 ppm.

5-chloro-2-methyl-2H-isothiazol-3-one:

LC50 Inhalation Rat 4h: <0,2 mg/l (very toxic if inhaled)

LD50 Oral Rat: 53-60 mg/kg Body Weight (toxic if ingested)

LD50 Dermal Rabbit: 80 mg/kg Body Weight (toxic in contact with skin)

Eyes: The compound is corrosive and after splashes in the eyes there is a risk of permanent damage.

Alcohol ethoxylate, 13C + 3 EO:

Biodegradation

>70% degradation in 28 days OECD 301A (readily biodegradable)

(a) acute toxicity

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No acute toxicity known.

(b) skin corrosion/irritation

No corrosion/irritation effects known.

(c) serious eye damage/irritation

Dust may cause irritation if inhaled.

(d) respiratory or skin sensitisation

May cause allergic skin reaction for those already allergic to included allergens.

(e) germ cell mutagenicity

No mutagenicity known.

(f) carcinogenicity

No carcinogenicity known.

(g) reproductive toxicity

No reproductive toxicity known.

(h) STOT-single exposure

No effects known.

(i) STOT-repeated exposure

No effects known.

(j) aspiration hazard

No effects known.

INTERACTIVE EFFECTS

Not known.

MISSING DATA

See the Chemical Safety Assessment (CSA) for data on more substances.

Contains no endocrine disruptors.

Section 12. ECOLOGICAL INFORMATION

12.1 TOXICITY

Not classified as hazardous for the environment.

ECOTOXICOLOGICAL DATA FOR THE PRODUCT

3(2H)-Isothiazolone, 4,5-dichloro-2-octyl:

Toxicity

LC50 Fish 96h : 0,0027 mg/l (Art:Oncorhynchus mykiss) (non-acute toxic)

Daphnia 48h : 0,0301 mg/l (Art:D. magna) (non-acute toxic)

Bioaccumulation

BCF: 114,82 (risk for bioaccumulation)

2N-octyl-4-isothiazolin-3-one:

Toxicity

LC50 Fish 96h : 0,047 mg/l (Art:Oncorhynchus mykiss) (very toxic)

Daphnia 48h : 0,18 mg/l (Art:D. magna) (very toxic)

Bioaccumulation

BCF: 1280 (risk for bioaccumulation)

LogPow: 2,45 (no bioaccumulation expected)

1,2-Benzisothiazol-3-(2H)-on:

Toxicity

LC50 Fish 96h: 1,6 mg/l (Art: Salmo gairdneri) (toxic)

EC50 Daphnia 48h: 1,05 mg/l (toxic)

IC50 Algae 72h: 0,15 mg/l (Art: (green algae)) (very toxic)

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Accumulation

Log Pow: 1,3 (no bioaccumulation is expected)

2-methyl-2H-isothiazol-3-one:

Toxicity

EC50 Daphnia 48h: 0,18 mg/l (Art: D. magna) (very toxic)

Accumulation

BCF: 2,3

Log Pow: -0,486 (no bioaccumulation is expected)

Biodegradation

48-54% degradation in 29 days OECD 301B (not readily biodegradable)

5-chloro-2-methyl-2H-isothiazol-3-one:

Toxicity

LC50 Fish 96h: 6,1 mg/l (Art: Brachydanio rerio) (toxic)

EC50 Daphnia 48h: 0,18 mg/l (Art: D. magna) (very toxic)

Accumulation

BCF: 114

Biodegradation

39-62% degradation in 29 days OECD 301B (not readily biodegradable)

ECOTOXICITY FOR INGREDIENTS

Ecotoxicologic data for the ingredients is not available.

12.2 PERSISTENCE AND BIODEGRADATION

Expected to be readily biodegradable, but contains a small amount of substances that are not readily biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

Not expected to bioaccumulate in animals.

12.4 MOBILITY IN SOIL AND WATER

Soluble in water.

12.5 RESULTS OF PBT- AND vPvB assessment

Does not fulfil the criteria for classification as PBT or vPvB.

12.6 ENDOCRINE DISRUPTORS

Contains no endocrine disruptors.

12.7 OTHER ADVERSE EFFECTS

Not known.

SUMMARY

Product is not classified as harmful for the environment. However, discharge into the environment should be avoided.

Section 13. DISPOSAL CONSIDERATIONS

13.1 DISPOSAL FROM EXCESS/UNUSED PRODUCT

In accordance with directive 2000/532/EC unused product is non-hazardous waste.

Suggestion of EWC-code:

08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS

08 01 12 waste paint and varnish other than those mentioned in 08 01 11

CONTAMINATED PACKAGE

Should be recycled in accordance with local, state or national regulation.

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Section 14. TRANSPORT INFORMATION

Not classified as dangerous goods according to ADR/RID/IMO/DGR.

14.1 - UN-NUMBER

-

14.2 - PROPER SHIPPING NAME

-

14.3 - CLASS

-

14.4 - PACKAGING GROUP

-

14.4.1 - LIMITED QUANTITY

-

14.5 - ENVIRONMENTAL RISKS

-

14.6 - SPECIAL SAFETY MEASURES

-

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

The product is not dangerous goods.

Section 15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Safety data sheet and classification in accordance with CLP (Regulation 1272/2008/EC) and Commission Regulation (EU) 878/2020 (REACH, Annex II).

15.2 CHEMICAL SAFETY ASSESSMENT

A Chemical safety assessment (CSA) according to REACH has not been conducted for the product. See section 16 for further information.

Section 16. OTHER INFORMATION

FULL TEXT OF H-STATEMENTS REFERRED TO UNDER SECTION 3

H301 – Toxic if swallowed.

H310 – Fatal in contact with skin.

H330 – Fatal if inhaled.

H302 – Harmful if swallowed.

H314 – Causes severe skin burns and eye damage.

H318 – Causes serious eye damage.

H317 – May cause an allergic skin reaction.

H315 – Causes skin irritation.

H400 – Very toxic to aquatic life.

H410 – Very toxic to aquatic life with long lasting effects.

EUH071 – corrosive to the respiratory tract'.

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EUH211 – – 'Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.'

EUH212 – 'Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.'

LEGEND TO ABBREVIATIONS

-

LITERATURE REFERENCES AND SOURCES FOR DATA

Refer to chemical safety assessment (CSA) for sources.

REVISION

Version 1 (2020-03-27): original document.

Version 2 (2021-02-22): Change of EG number for CIT/MIT in section 3.2.

Version 3 (2021-11-12): update in accordance with a new formula. Updates in sections 2, 3, 9, 11, 12, and 15.

OTHER INFORMATION

This information is complementary. However, the user should independently decide whether the information is sufficient. Responsible for the product safety and facts is Vadstena Färg AB. Safety Data Sheet has been established with the participation of Amasis Konsult AB, Solna.