SAFETY DATA SHEET

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

1.1. Product identifier

Trade name
Clas Ohlson Gloss Paint 80

Product no.
-

REACH registration number
Not applicable

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

Relevant identified uses of the substance or mixture
Paint

Uses advised against
-
The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address
Clas Ohlson Ltd
10-13 Market Place
Kingston-upon-Thames
UK-KT1 1JZ Surrey
Tel. 845 3009 799

Contact person

E-mail
info@clasohlson.se

SDS date
2017-02-02

SDS Version
1.0

1.4. Emergency telephone number
111 (National Poisons Information Service (NPIS))

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
This product is not classified as dangerous.

2.2. Label elements

Hazard pictogram(s)
-

Signal word
-

Hazard statement(s)
-

Safety statement(s)

General	-
Prevention	-
Response	-
Storage	-
Disposal	-

Identity of the substances primarily responsible for the major health hazards

-

2.3. Other hazards

-

Additional labelling

Contains 1,2-Benzisothiazol-3(2H)-one (BIT), 5-Chloro-2-methyl-4-isothiazolin-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1)). May produce an allergic reaction. (EUH208).

Additional warnings

-

VOC

VOC-MAX: 50 g/l, MAXIMUM VOC CONTENT (A/d (WB)): 130 g/l.

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME:	Propane-1,2-diol
IDENTIFICATION NOS.:	CAS-no: 57-55-6 EC-no: 200-338-0 REACH-no: 01-2119456809-23
CONTENT:	2.5 - <5%
CLP CLASSIFICATION:	NA
NAME:	1,2-Benzisothiazol-3(2H)-one (BIT)
IDENTIFICATION NOS.:	CAS-no: 2634-33-5 EC-no: 220-120-9 Index-no: 613-088-00-6
CONTENT:	<0.05%
CLP CLASSIFICATION:	Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 3 H302, H315, H317, H318, H400, H412 (M-acute = 1)
NAME:	2-Methyl-2H-isothiazol-3-one (MIT)
IDENTIFICATION NOS.:	CAS-no: 2682-20-4 EC-no: 220-239-6
CONTENT:	<0.01%
CLP CLASSIFICATION:	Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1A, Eye Dam. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 2 H301, H311, H314, H317, H318, H335, H400, H411 (M-acute = 1)
NAME:	5-Chloro-2-methyl-4-isothiazolin-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))
IDENTIFICATION NOS.:	CAS-no: 55965-84-9 EC-no: - Index-no: 613-167-00-5
CONTENT:	<0.0015%
CLP CLASSIFICATION:	Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, Eye Dam. 1, Acute Tox. 3, Aquatic Acute 1, Aquatic Chronic 1 H301, H311, H314, H317, H318, H331, H400, H410 (M-acute = 10) (M-chronic = 1)

(*) See full text of H-phrases in chapter 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

ATEmix(inhale, dust/mist) > 20
ATEmix(dermal) > 2000
ATEmix(oral) > 2000

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

Inhalation

Get the person into fresh air and stay with them.

Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water (20-30 °C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If irritation continues, contact a doctor.

Ingestion

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor

immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

Burns

Not applicable

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

This product contains substances that may cause an allergic reaction in people who are already so disposed.

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

No special

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, as in the case of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in thick black smoke. Exposure to catabolic products can damage your health. Fire fighters should use proper protection gear. Closed containers, which are exposed to fire, should be cooled with water. Do not let fire-extinguishing water run into sewers and other water courses.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

6.4. Reference to other sections

See section 13 with regard to the handling of waste. See section 8 for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, consumption of food or liquid, and storage of tobacco, food or liquids are not allowed in the workrooms. See section 8 for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature

Store frost-free.

7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

Propane-1,2-diol

Long-term exposure limit (8-hour TWA reference period): 150 ppm | 474 / 10 (parti mg/m³
Short-term exposure limit (15-minute reference period): - ppm | - mg/m³

DNEL / PNEC

DNEL (Propane-1,2-diol): 213 mg/kg bw/day
Exposure: Dermal
Duration of Exposure: Long term – Systemic effects - General population
DNEL (Propane-1,2-diol): 168 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - Workers
DNEL (Propane-1,2-diol): 10 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Local effects - Workers
DNEL (Propane-1,2-diol): 50 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - General population
DNEL (Propane-1,2-diol): 10 mg/m³
Exposure: Inhalation
Duration of Exposure: Long term – Local effects - General population
DNEL (Propane-1,2-diol): 85 mg/kg bw/day
Exposure: Oral
Duration of Exposure: Long term – Systemic effects - General population

PNEC (Propane-1,2-diol): 260 mg/l
Exposure: Freshwater
PNEC (Propane-1,2-diol): 26 mg/l
Exposure: Marine water
PNEC (Propane-1,2-diol): 20000 mg/l
Exposure: Sewage Treatment Plant
PNEC (Propane-1,2-diol): 572 mg/kg dw
Exposure: Freshwater sediment
PNEC (Propane-1,2-diol): 57,2 mg/kg dw
Exposure: Marine water sediment
PNEC (Propane-1,2-diol): 50 mg/kg dw
Exposure: Soil

8.2. Exposure controls

Compliance with the stated exposure limits values should be checked on a regular basis.

General recommendations

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

Trade users are covered by the rules of the working environment legislation on maximum concentrations for exposure. See work hygiene threshold values above.

Appropriate technical measures

Airborne gas and dust concentrations must be kept as low as possible and below the current threshold values. Use for example an exhaust system if the normal air flow in the work room is not sufficient. Make sure that eyewash and emergency showers are clearly marked.

Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

Use full-face mask with combination filter when spraying.
Dust, which is unhealthy, is produced when treated surfaces are grinded. Use respiratory protection if necessary (P2).

Skin protection

Use suitable protective clothing, for example overalls made of polypropylene or work clothes made of cotton/polyester.
When spraying wear chemical resistant suit with hood, which is of EN-approved type 4, 5, 6 and Category III.

Hand protection

Recommended: Nitrile rubber. See the manufacturer's instructions.

Eye protection

Use face shield. Use safety glasses with a side shield as an alternative.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	White
Odour	Acrylic dispersion
pH	8,9
Viscosity (40°C)	No data available.
Density (g/cm³)	1,23-1,26

Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.

Data on fire and explosion hazards

Flashpoint (°C)	No data available.
Ignition (°C)	No data available.
Self-ignition (°C)	No data available.
Explosion limits (Vol %)	No data available.

Solubility

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

9.2. Other information

Solubility in fat (g/L)	No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions noted in section 7.

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reductants agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance	Species	Test	Route of exposure	Result
2-Methyl-2H-isothiazol-3-one	Rat	LD50	Oral	183 mg/kg
2-Methyl-2H-isothiazol-3-one	Rat	LD50	Dermal	242 mg/kg
1,2-Benzisothiazol-3(2H)-one	Rat	LD50	Oral	675,3 mg/kg

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitisation

This product contains substances that may cause an allergic reaction in people who are already so disposed.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Long term effects

No special

SECTION 12: Ecological information

12.1. Toxicity

Substance	Species	Test	Duration	Result
5-Chloro-2-methyl-4-isothiazol...	Oncorhynchus mykiss			
	Scenedesmus	NOEC	14 d	0,05 mg/l
5-Chloro-2-methyl-4-isothiazol...	capricornutum	EC50	72 h	0,027 mg/l
	Selenastrum	ErC50	72 h	0,158 mg/l
2-Methyl-2H-isothiazol-3-one	capricornutum	NOEC	21 d	0,04 mg/l
2-Methyl-2H-isothiazol-3-one	Daphnia magna	ErC50	72 h	0,36 mg/l
1,2-Benzisothiazol-3(2H)-one	Skeletonema costatum	NOEC	72 h	0,15 mg/l
1,2-Benzisothiazol-3(2H)-one	Skeletonema costatum			

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
2-Methyl-2H-isothiazol-3-one (...	Yes	Simulation study	98 %

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
5-Chloro-2-methyl-4-isothiazol...	No	0,401	No data available
2-Methyl-2H-isothiazol-3-one	No	-0,75	No data available
1,2-Benzisothiazol-3(2H)-one	No	No data available	3,2

12.4. Mobility in soil

5-Chloro-2-methyl-4-isothiazol...: Log Koc= 0,3959519, Calculated from LogPow (High mobility potential.).
2-Methyl-2H-isothiazol-3-one (...: Log Koc= -0,515525, Calculated from LogPow (High mobility potential.).

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

This product contains ecotoxic substances which can have damaging effects on water-organisms. This product contains substances which can cause undesirable long-term effects in the water environment, due to its poor biodegradability.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

This product is not covered by the regulations on dangerous waste.

Waste

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

Specific labelling

-

Contaminated packing

No specific requirements.

SECTION 14: Transport information

14.1 – 14.4

Not listed as dangerous goods under ADR and IMDG regulations.

ADR/RID

14.1. UN number	-
14.2. UN proper shipping name	-
14.3. Transport hazard class(es)	-
14.4. Packing group	-
Notes	-
Tunnel restriction code	-

IMDG

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-
EmS	-
MP**	-
Hazardous constituent	-

IATA/ICAO

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

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

No data available

(*) Packing group
(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

-

Demands for specific education

-

Additional information

-

Sources

Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.
The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.
REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).
EC regulation 1907/2006 (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H301 - Toxic if swallowed.
H302 - Harmful if swallowed.
H311 - Toxic in contact with skin.
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H331 - Toxic if inhaled.
H335 - May cause respiratory irritation.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.
H411 - Toxic to aquatic life with long lasting effects.
H412 - Harmful to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

-

Other symbols mentioned in section 2

-

Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:
The classification of the mixture in regard of physical hazards has been based on experimental data.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

ELGR

Date of last essential change (First cipher in SDS version)

-

Date of last minor change (Last cipher in SDS version)

-