Safety Data Sheet
COLOREEL BLACK
Safety Data Sheet dated 2021-06-01 version 2

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

1.1. Product identifier

Mixture identification:

Trade name: COLOREEL BLACK

Trade code: INK-75/200-K

Registration Number: See Paragraph 3

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

Recommended use: Ink-Jet ink

Uses advised against: Not Available

1.3. Details of the supplier of the safety data sheet

Company: Coloreel Group AB
Gjuterigatan 9
55318 JÖNKÖPING
SWEDEN
Tel: +46 36 100 250
e-mail : info@coloreel.com

1.4. Emergency telephone number

Telephone number : +46 10 456 67 00 (Swedish Poisons Information Centre 24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) n. 1272/2008 (CLP)

Skin Sens. 1 May cause an allergic skin reaction.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Regulation (EC) No 1272/2008 (CLP):

Pictograms and Signal Words

Warning

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.P333+P313
If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with all applicable regulations.

Special Provisions:

EUH208 Contains 3-HYDROXY-2-(3-HYDROXY-2-QUINOLYL)-1H-INDEN-1-ONE. May produce an allergic reaction. EUH208
Contains REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H - ISOTHIAZOL-3-ONE. May produce an allergic reaction.

Contains

DISPERSE BLUE 360

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT Ingredients are present

Other Hazards: No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

Not determined

3.2. Mixtures

Mixture identification: COLOREEL BLACK

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Numb.	Classification	Registration Number
1-3 %	DISPERSE BLUE 360	CAS:70693-64-0 EC:435-600-5	Flam. Sol. 1, H228; Skin Sens. 1,H317	
0.25-0.5 %	3-HYDROXY-2-(3-HYDROXY-2-QUINOLYL)-1H-INDEN-1-ONE	CAS:17772-51-9 EC:241-753-7	Skin Sens. 1B, H317	
< 0.05 %	REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3- ONE AND 2-METHYL-2H - ISOTHIAZOL-3-ONE	CAS:55965-84-9 EC:611-341-5 Index:613-167-00-5	Acute Tox. 2, H310; Acute Tox. 2,H330; Acute Tox. 3, H301; Skin Corr. 1C, H314; Eye Dam. 1, H318; Skin Sens. 1A, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410, M-Chronic:100,M-Acute:100, EUH071	

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediatley and dispose off safely.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and label hazardous.If symptoms persist consult doctor.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Not determined

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO_2).

Extinguishing media which must not be used for safety reasons:None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion or combustion gases. Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water. Do not discharge into drains.
Move undamaged containers from immediate hazard area but only if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.Remove
persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.Retain contaminated
washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for
taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sandWash with
plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhaltion of vapours and mists.Don't use
empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials:

None in particular.

Instructions regarding storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

Recommendation(s)

None in particular

Industrial sector specific solutions:

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Not determined

Hygienic and Technical measures

Not determined

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State: Liquid
Appearance and colour: Liquid, Brown to blackOdour:
Not determined
Odour threshold: Not determined

pH: Not determined
Melting point / freezing point: Not determined
Initial boiling point and boiling range: Not determinedFlash point: > 100°C / 212°F
Evaporation rate: Not determined
Upper/lower flammability or explosive limits: Not determinedVapour density: Not determined
Vapour pressure: Not determined Relative density: Not determined Solubility in water: Not determinedSolubility in oil: Not determined
Partition coefficient (n-octanol/water): Not determinedAuto-ignition temperature: Not determined Decomposition temperature: Not determined Viscosity: Not determined
Explosive properties: Not determined Oxidizing properties: Not determined Solid/gas flammability: Not determined
Volatile Organic compounds - VOCs = Not Available

9.2. Other information

Substance Groups relevant properties Not determined
Miscibility: Not determined
Conductivity: Not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Data not available.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological Information of the Preparation

a) acute toxicity	Not classified
	Based on available data, the classification criteria are not met
b) skin corrosion/irritation	Not classified
	Based on available data, the classification criteria are not met
c) serious eye damage/irritation	Not classified
	Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation	The product is classified: Skin Sens. 1(H317)
e) germ cell mutagenicity	Not classified
	Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified
	Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified
	Based on available data, the classification criteria are not met
h) STOT-single exposure	Not classified
	Based on available data, the classification criteria are not met
i) STOT-repeated exposure	Not classified
	Based on available data, the classification criteria are not met

j) aspiration hazard	Not classified Based on available data, the classification criteria are not met	

Toxicological information on main components of the mixture:

REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3- ONE AND 2-METHYL-2H - ISOTHIAZOL-3-ONE	a) acute toxicity	LD50 Oral Rat = 53 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment. Eco-Toxicological Information:

List of Eco-Toxicological properties of the product

12.2. Persistence and degradability

Not Available

12.3. Bioaccumulative potential

Not Available

12.4. Mobility in soil

Not Available

12.5. Results of PBT and vPvB assessment

No PBT Ingredients are present

12.6. Other adverse effects

Not determined

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force. Water Hazard Class Class 3: extremely hazardous.

SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number

N/A

14.2. UN proper shipping name

ADR-Shipping Name: N/A
IATA-Technical name: N/A
IMDG-Technical name: N/A

14.3. Transport hazard class(es)

ADR-Class: N/A
IATA-Class: N/A
IMDG-Class: N/A

14.4. Packing group

ADR-Packing Group: N/A
IATA-Packing group: N/A
IMDG-Packing group: N/A

14.5. Environmental hazards

Toxic Ingredients Qty: 0.00
High Toxicity Ingredients Qty: 0.00
Marine pollutant: No Environmental Pollutant: No

14.6. Special precautions for user

Road and Rail (ADR-RID) :

ADR-Label: N/A
ADR - Hazard identification number: N/A

ADR-Special Provisions: N/A
ADR-Transport category (Tunnel restriction code): N/A

Air (IATA) :

IATA-Passenger Aircraft: N/A
IATA-Cargo Aircraft: N/A IATA-
Label: N/A
IATA-Subsidiary hazards: N/A
IATA-Erg: N/A
IATA-Special Provisioning: N/A

Sea (IMDG) :

IMDG-Stowage Code: N/A IMDG-
Stowage Note: N/A IMDG-
Subsidiary hazards: N/A IMDG-
Special Provisioning: N/AIMDG-
Page: N/A
IMDG-Label: N/A
IMDG-EMS: N/A
IMDG-MFAG: N/A

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Available

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)Dir.
2000/39/EC (Occupational exposure limit values) Regulation (EC)
n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013Regulation
(EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation
(EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n.
944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014
(ATP 6 CLP) Regulation (EU) n. 2015/1221 (ATP 7
CLP) Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP) Regulation
(EU) n. 2017/776 (ATP 10 CLP) Regulation (EU) n.
2018/669 (ATP 11 CLP) Regulation (EU) n. 2018/1480
(ATP 13 CLP)Regulation (EU) n. 2019/521 (ATP 12
CLP) Regulation (EU) 2015/830

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: 3, 40
Restrictions related to the substances contained: None

Provisions related to directive EU 2012/18 (Seveso III):

Not Available German

Water Hazard Class.

Not determined

SVHC Substances:

None > 0.1%

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Code	Description
H228	Flammable solid.
H317	May cause an allergic skin reaction.

Code	Hazard class and hazard category	Description
2.7/1	Flam. Sol. 1	Flammable solid, Category 1
3.4.2/1	Skin Sens. 1	Skin Sensitisation, Category 1
3.4.2/1B	Skin Sens. 1B	Skin Sensitisation, Category 1B

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation(EC) Nr. 1272/2008	Classification procedure
3.4.2/1	Calculation method

This document was prepared by a competent person who has received appropriate training.Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This SDS cancels and replaces any preceding release.

ACGIH: American Conference of Governmental Industrial Hygienists
AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways ATE: Acute Toxicity Estimate
ATEmix: Acute toxicity estimate of the mixtureBCF: Biological Concentration Factor
BEI: Biological Exposure Index BOD: Biochemical Oxygen DemandCAV: Poison Center
CE: European Community
CLP: Classification, Labeling, Packaging.COD: Chemical Oxygen Demand
COV: Volatile Organic Compound CSA: Chemical Safety Assessment CSR: Chemical Safety Report DMEL: Derived Minimal Effect Level
DPD: Dangerous Preparations Directive DSD: Dangerous Substances Directive EC50: Half Maximal Effective ConcentrationECHA: European Chemicals Agency
ES: Exposure Scenario
IARC: International Agency for Research on CancerIC50: half maximal inhibitory concentration
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO). IRCCS: Scientific Institute for Research, Hospitalization and Health Care
KAFH: KAFH
LDLo: Leathal Dose Low
N.A.: Not Applicable N/A: Not Applicable
N/D: Not defined/ Not availableNA: Not available
NIOSH: National Institute for Occupational Safety and HealthNOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration.PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PSG: Passengers
vPvB: Very Persistent, Very Bioaccumulative.KSt: Explosion coefficient.