Material Safety Data Sheet

Completed **08-12-2023**
Revision: (date) **-**
SDS version **1.0**

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

1.1. Product Identifier
Trade Name: HB Color 5 / HB Color 5 M&P Pro (Blue, yellow, purple, green, violet, black)
Product- no.: -

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended uses:
Soap colors for the coloring of handmade soaps.

Uses advised against:
This product must not be used for purposes other than those recommended without first seeking the advice of the supplier.

1.3. Details of the supplier of the safety data sheet
Company and address:
Creativ Company A/S
Rasmus Færchs Vej 23
7500 Holstebro
Denmark
Tlf.: +45 96 13 30 10

Contact person and E-mail:
mail@cchobby.dk

The Safety data sheet is completed and validated by:
Mediator A/S, Centervej 2, DK-6000 Kolding. Consultant: RC

1.4. Emergency telephone number
NHS: 111
Use your national or local emergency number - See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not subject to labelling under CLP Regulation No. 1272/2008.

2.2. Label elements
-

Signal word:
-

Keep out of reach of children. (P102)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305 + P351 + P338)

2.3. Other hazards

Additional labelling:
-

Additional warnings
-

SECTION 3: Composition/information on ingredients

3.1./3.2. Substances/Mixtures

Substance	EU-Index no. / REACH-Reg. no.	CAS-no.	EINECS-no.	CLP-classification	Wt/Wt %	Note
Glycerol	- / -	56-81-5	200-289-5	-	10 - 20	-
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	- / 01-2119488639-16-xxxx	68891-38-3	500-234-8	Skin Irrit. 2;H315, Eye Dam. 1;H318, Aquatic Chronic 3;H412	1 - 5	1
Dodecanoic acid, sodium salt	- / -	629-25-4	211-082-4	Skin Irrit. 2;H315, Eye Dam. 1;H318, STOT SE 3;H335	< 3	-
Alcohols, C10-16, ethoxylated, sulfosuccinates, disodium salts	- / 01-2120769938-29-xxxx	68815-56-5	500-232-7	Eye Irrit. 2;H319	0,1 -1	-
Tetrasodium ethylene diamine tetraacetate	607-428-00-2 / 01-2119486762-27-xxxx	64-02-8	200-573-9	Acute Tox. 4;H302, Eye Dam. 1;H318	< 0,1	-
5-Chloro-2-methyl-2H-isothiazol-3-one	- / -	26172-55-4	247-500-7	Acute Tox. 3;H301, Acute Tox. 3;H311, Skin Corr. 1B;H314, Skin Sens. 1;H317, Acute Tox. 3;H331, Aquatic Acute 1;H400, Aquatic Chronic 1;H410	< 0,000375	-
2-Methyl-2H-isothiazol-3-one	613-326-00-9 / -	2682-20-4	220-239-6	Acute Tox. 3;H301, Acute Tox. 3;H311, Skin Corr. 1B;H314, Skin Sens. 1A;H317, Eye Dam. 1;H318, Acute Tox. 2;H330, Aquatic Acute 1;H400 - M=10, Aquatic Chronic 1;H410 - M=1 SCL: Skin Sens. 1A;H317 > 0,0015 %	< 0,00015	-

1) Specific concentration limits.

See full text of H-phrases in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
Seek fresh air.
Seek medical advice in case of persistent discomfort.

Ingestion:
Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.
Do not induce vomiting.
Seek medical advice in case of discomfort.

Skin contact:
Remove contaminated clothing.
Wash the skin thoroughly with water and continue washing for a long time.
Seek medical advice in case of persistent discomfort.

Eye contact:
Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Additional information:
When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed
May cause slight irritation to the skin and eyes.

4.3. Indication of any immediate medical attention and special treatment needed
Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Extinguish with powder, foam, carbon dioxide or water mist.
Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture
The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.
Can generate harmful flue gases containing carbon monoxide in the event of fire.

5.3. Advice for firefighters
If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
See section 8 for type of protective equipment.

6.2. Environmental precautions
Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up
Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.
Wipe up minor spills with a cloth.
Rinse with water.

6.4. Reference to other sections
See section 8 for type of protective equipment.
See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
See section 8 for information about precautions for use and personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities
The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.
Keep in tightly closed original packaging.
Store frost-free.
Avoid direct sunlight.

7.3. Specific end use(s)
See application section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Occupational exposure limits according to EH40/2005 Workplace exposure limits (Fourth Edition 2020):
-

DNEL/PNEC-values:
DNEL Glycerol

	Workers	Consumers
Inhalation - Chronic Local	-	132 mg/m³

DNEL Alcohols, C12-14, ethoxylated, sulfates, sodium salts

	Workers	Consumers
Inhalation - Chronic Systemic	175 mg/m³	52 mg/m³
Dermal - Chronic Systemic	2750 mg/kg bw/day	1650 mg/kg bw/day
Dermal - Chronic Local	132 µg/cm²	79 µg/cm²
Oral - Chronic Systemic	-	15 mg/kg bw/day

DNEL Tetrasodium ethylene diamine tetraacetate

	Workers	Consumers
Inhalation - Chronic Systemic	1,5 mg/m³	-
Inhalation - Acute Systemic	3 mg/m³	-
Inhalation - Chronic Local	1,5 mg/m³	0,6 mg/m³
Inhalation - Acute Local	3 mg/m³	1,2 mg/m³
Oral - Chronic Systemic	-	25 mg/kg bw/day

DNEL 2-Methyl-2H-isothiazol-3-one

	Workers	Consumers
Inhalation - Chronic Local	0,021 mg/m³	0,021 mg/m³
Inhalation - Acute Local	0,043 mg/m³	0,043 mg/m³
Oral - Chronic Systemic	-	0,027 mg/kg bw/day
Oral - Acute Systemic	-	0,053 mg/kg bw/day

PNEC Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Fresh water	0,24 mg/L
Intermittent releases (Fresh water)	0,071 mg/L
Marine water	0,024 mg/L
Soil	7,5 mg/kg soil dw

PNEC Tetrasodium ethylene diamine tetraacetate

Fresh water	2,83 mg/L
Intermittent releases (Fresh water)	1 mg/L
Marine water	0,283 mg/L
Intermittent releases (Marine water)	1 mg/L
Soil	1,1 mg/kg soil dw

PNEC 2-Methyl-2H-isothiazol-3-one

Fresh water	3,39 µg/L
Intermittent releases (Fresh water)	3,39 µg/L
Marine water	3,39 µg/L
Intermittent releases (Marine water)	3,39 µg/L
Soil	0,047 mg/kg soil dw

8.2. Exposure controls
There are no exposure scenarios for this product.

Appropriate engineering controls:
Wear the personal protective equipment specified below.
Wash hands after use.

Personal protective equipment:
Respiratory protection:
Not required.

Hand protection:
Generally not required.
Plastic or rubber gloves recommended.

Eye/face protection:
Generally not required.
Wear safety goggles if there is a risk of eye splash.

Skin protection:
Not required.

Environmental exposure controls:
Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Paste
Colour:	Blue, yellow, purple, green, violet, black
Odour:	Odourless
Melting point/ Freezing Point (°C):	35
Boiling point or initial boiling point and boiling range (°C):	-
Flammability:	-
Lower and upper explosion limit (vol-%):	-
Flash point (°C):	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
pH:	-
Kinematic viscosity (mm2/s):	-
Solubility:	Soluble in water
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	-
Relative vapour density:	-
Particle characteristics:	-

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data.

10.2. Chemical stability

The product is stable when used in accordance with the supplier’s directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

No special precautions regarding contact with other materials at the recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:
Based on the existing data, the classification is not met.

Substance	exposure	Species	Test	Result
Glycerol	Oral	Rat	LD50	27200 mg/kg bw
Glycerol	Inhalation	Rat	LC50/ 4 Hours	5850 mg/m³ air
Glycerol	Dermal	Guinea pig	LD50	45 mL/kg bw
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Oral	Rat	LD50	2870 - 4100 mg/kg bw
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Dermal	Rabbit	LD50	>= 2000 mg/kg bw
Tetrasodium ethylene diamine tetraacetate	Oral	Rat	LD50	1780 mg/kg bw
2-Methyl-2H-isothiazol-3-one	Oral	Rat	LD50	120 mg/kg bw
2-Methyl-2H-isothiazol-3-one	Inhalation	Rat	LC50/ 4 Hours	0,11 mg/L air
2-Methyl-2H-isothiazol-3-one	Dermal	Rat	LD50	242 mg/kg bw

Skin corrosion/irritation:
May cause slight irritation.

Serious eye damage/irritation:
May cause eye irritation.

Respiratory or skin sensitisation:
Based on the existing data, the classification is not met.

Germ cell mutagenicity:
Based on the existing data, the classification is not met.

Carcinogenicity:
Based on the existing data, the classification is not met.

Reproductive toxicity:
Based on the existing data, the classification is not met.

STOT-single exposure:
Based on the existing data, the classification is not met.

STOT-repeated exposure:
Based on the existing data, the classification is not met.

Aspiration hazard:
Based on the existing data, the classification is not met.

11.2. Information on other hazards
Test data are not available.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Test duration	Species	Test	Result
Glycerol	96 Hours	Fish	LC50	54000 mg/L
Glycerol	24 Hours	Daphnia	EC50	> 10000 mg/L
Glycerol	72 Hours	Algae	EC50	> 10000 mg/L
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	96 Hours	Fish	LC50	7,1 mg/L
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	48 Hours	Daphnia	EC50	7,4 mg/L
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	72 Hours	Algae	EC50	27,7 mg/L
Alcohols, C10-16, ethoxylated, sulfosuccinates, disodium salts	48 Hours	Daphnia	EC50	4,04 mg/L
Alcohols, C10-16, ethoxylated, sulfosuccinates, disodium salts	72 Hours	Algae	EC50	1,76 mg/L
Tetrasodium ethylene diamine tetraacetate	96 Hours	Fish	LC50	> 100 mg/L
Tetrasodium ethylene diamine tetraacetate	24 Hours	Daphnia	EC50	> 114 mg/L
Tetrasodium ethylene diamine tetraacetate	72 Hours	Algae	EC50	> 60 mg/L
2-Methyl-2H-isothiazol-3-one	96 Hours	Fish	LC50	4,77 mg/L
2-Methyl-2H-isothiazol-3-one	96 Hours	Daphnia	LC50	1,81 mg/L
2-Methyl-2H-isothiazol-3-one	96 Hours	Algae	EC50	0,069 mg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Yes	EU Method C.4-A	28 Days 100 %
Alcohols, C10-16, ethoxylated, sulfosuccinates, disodium salts	Yes	OECD Guideline 301 B	28 Days 67 %
Tetrasodium ethylene diamine tetraacetate	No	OECD Guideline 301 D	28 Days 2%
2-Methyl-2H-isothiazol-3-one	No	OECD Guideline 301 D	28 Days 0%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
Glycerol	No	-1,75
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	No	0,3
2-Methyl-2H-isothiazol-3-one	No	-0,32

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment
The product does not meet the criteria for PBT or vPvB.

12.6. Endocrine disrupting properties
Test data are not available.

12.7. Other adverse effects
None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
The product is not classified as hazardous waste according to Waste Management. Disposal of spillage and waste via the municipal waste collection service with the specifications below is recommended.

EWC-Code	Description
20 01 30	Detergents other than those mentioned in 20 01 29

Specific labelling:
-

Contaminated packaging:
(Rinseable) Empty, cleansed packaging should be disposed of for recycling.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR, IMDG and IATA.

14.1 -14.4.
ADR
-
IMDG/IATA
-

14.5. Environmental hazards
-

14.6. Special precautions for user
-

14.7. Maritime transport in bulk according to IMO instruments
Not relevant.

SECTION 15: Regulatory information

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

Sources:
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

Additional labelling:
-

Declaration in accordance to the EU regulation no. 648/2004:
30% and more:
Soap

15% or over but less than 30%:
Anionic surfactants

Less than 5%:
Dyes
Preservation agents: 5-Chloro-2-methyl-3(2H)-isothiazolone, 2-methyl-2H-isothizal-3-one

Restrictions for application:
-

Demands for specific education:
-

15.2. Chemical safety assessment
None.

SECTION 16: Other information

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019

Other information:
Sources:
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

Full text of H-phrases as mentioned in section 2+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.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
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.
H412	Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) Nr. 1272/2008:
-

Abbreviations and acronyms used in the safety data sheet:
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006.
CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.
CAS-Number.: Chemical Abstracts Service number.
EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).
DNEL: Derived No Effect Level.
PNEC(s): Predicted No Effect Concentration(s).
STOT: Specific Target Organ Toxicity.
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
LC50: Lethal Concentration to 50 % of a test population.
EC50: The effective concentration of substance that causes 50% of the maximum response.
PBT: Persistent, Bioaccumulative and Toxic.
vPvB: Very Persistent and Very Bioaccumulative.
NOEC: The highest tested concentration at which, in a study, no statistically significant effect is observed in the exposed population compared with an appropriate control group.
NOAEL: The highest tested dose or exposure level at which there are no statistically significant increases in the frequency or severity of adverse effects between the exposed population and an appropriate control group; some effects may be produced at this level, but they are not considered adverse or precursors of adverse effects.

Other:
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.

Minor changes have been made in following sections:
-

This material safety data sheet replaces version:
-