

Material Safety Data Sheet

COLOP GES.m.b. H & CO. KG

Manufacturer
A-4699 WELS DR.-F-ARMING STRABE -5

Address
AUSTRIA

07242-66-1-04

Phone Number (For Information)

25677

Emergency Phone Number

Telex

INK, COLOP ENDORSEMENT - BLACK

Identity (Trade Name As Used On Label)

MSDS Number

CAS Number

Date Prepared

Prepared By

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS — Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
FOOD BLACK 2	30			
PIGMENT BLACK 7	5			
WATER	30			
GLYCERINE DAB-8 99.5% (FOOD MARKING)	20			
PROPANEDIOL 1.2 CAS # 57-55-6	15			
Non-Hazardous Ingredients	85			
TOTAL	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	305 - F	Specific Gravity (H ₂ O = 1)	1.0
Vapor Pressure (mm Hg and temperature)	.08 mm	Melting Point	
Vapor Density (Air = 1)	HEAVIER THAN AIR	Evaporation Rate (= 1)	N BUTYL ACETATE
Solubility in Water	COMPLETE	Water Reactive	NO

Appearance and Odor THIN LIQUID WITH NEGLIGIBLE ODOR

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	250 C.C.	Auto-Ignition Temperature	N.A.	Flammability Limits in Air % by Volume	N.A.	LEL	N.A.	UEL	N.A.
Extinguisher Media	CO ₂								
Special Fire Fighting Procedures	- FOAM - DRY CHEMICAL								
	N.A.								

Unusual Fire and Explosion Hazards N.A.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY ☒ Stable ☐ Unstable	Conditions To Avoid	N.A.
Incompatibility (Materials to Avoid)		N.A.
Hazardous Decomposition Products		NONE
HAZARDOUS POLYMERIZATION ☐ May Occur ☐ Will Not Occur	Conditions To Avoid	N.A.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	☐ Inhalation ☐ Skin Absorption	☐ Ingestion ☐ Not Hazardous	CARCINOGEN LISTED IN	☐ NTP ☐ IARC Monograph	☐ OSHA ☐ Not Listed
HEALTH HAZARDS	Acute	N.A.			
	Chronic	N.A.			
Signs and Symptoms of Exposure		N.A.			
Medical Conditions Generally Aggravated by Exposure		NONE			

EMERGENCY FIRST AID PROCEDURES - Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact FLUSH WITH WATER FOR 15 MINUTES THEN CONSULT PHYSICIAN IMMEDIATELY

Skin Contact WASH THOROUGHLY WITH SOAP AND WATER

Inhalation NONE

Ingestion INDUCE VOMITING - CONSULT PHYSICIAN IMMEDIATELY

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type)	N.A.	Eye Protection	SAFETY GLASSES
Protective Gloves	LATEX GLOVES		
VENTILATION TO BE USED	☐ Local Exhaust ☐ Other (specify)	☒ Mechanical (general)	☐ Special
Other Protective Clothing and Equipment	N.A.		
Hygienic Work Practices	N.A.		

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material is Spilled Or Released ABSORBENT PAPER TOWELING

Waste Disposal Methods ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS

Precautions to be Taken in Handling and Storage N.A.

Other Precautions and/or Special Hazards N.A.

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SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS — Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
ACID BLUE 104	10			
WATER	30			
GLYCERINE DAB-8 99.5% (FOOD MARKING)	40			
PROPANEDIOL 1.2 CAS # 57-55-6	20			
Non-Hazardous Ingredients	80			
TOTAL	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	305 - F	Specific Gravity (H ₂ O = 1)	1.0
Vapor Pressure (mm Hg and temperature)	.08 mm	Melting Point	
Vapor Density (Air = 1)	HEAVIER THAN AIR	Evaporation Rate (= 1)	N BUTYL ACETATE
Solubility in Water	COMPLETE	Water Reactive	NO

Appearance and Odor THIN LIQUID WITH NEGLIGIBLE ODOR

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	250 C.C.	Auto-Ignition Temperature	N.A.	Flammability Limits in Air % by Volume	N.A.	LEL	N.A.	UEL	N.A.
Extinguisher Media	CO ₂	- FOAM - DRY CHEMICAL							
Special Fire Fighting Procedures	2	N.A.							

Unusual Fire and Explosion Hazards N.A.

*Optional

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY ☒ Stable ☐ Unstable	Conditions To Avoid N.A.
Incompatibility (Materials to Avoid) N.A.	
Hazardous Decomposition Products NONE	
HAZARDOUS POLYMERIZATION ☐ May Occur ☐ Will Not Occur	Conditions To Avoid N.A.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY ☐ Inhalation ☐ Skin Absorption	☐ Ingestion ☐ Not Hazardous	CARCINOGEN LISTED IN ☐ NTP ☐ IARC Monograph	☐ OSHA ☐ Not Listed
HEALTH HAZARDS Acute Chronic	N.A. N.A.		
Signs and Symptoms of Exposure Medical Conditions Generally Aggravated by Exposure	N.A. NONE		

EMERGENCY FIRST AID PROCEDURES - Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact FLUSH WITH WATER FOR 15 MINUTES THEN CONSULT PHYSICIAN IMMEDIATELY

Skin Contact WASH THOROUGHLY WITH SOAP AND WATER

Inhalation NONE

Ingestion INDUCE VOMITING - CONSULT PHYSICIAN IMMEDIATELY

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type) N.A.	Protective Gloves LATEX GLOVES	Eye Protection SAFETY GLASSES
VENTILATION TO BE USED ☐ Local Exhaust ☐ Other (specify)	☒ Mechanical (general)	☐ Special
Other Protective Clothing and Equipment Hygienic Work Practices	N.A. N.A.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken If Material Is Spilled Or Released ABSORBENT PAPER TOWELING
Waste Disposal Methods ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS
Precautions to be Taken in Handling and Storage N.A.
Other Precautions and/or Special Hazards N.A.

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INK, COLOP-ENDORSEMENT - RED

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SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS — Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
DIRECT RED 25%	12			
WATER	30			
GLYCERINE DAB-8 99.5% (FOOD MARKING)	40			
PROPANEDIOL 1.2 CAS # 57-55-6	18			
Non-Hazardous Ingredients	82			
TOTAL	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	305 - F	Specific Gravity (H ₂ O = 1)	1.0
Vapor Pressure (mm Hg and temperature)	.08 mm	Melting Point	
Vapor Density (Air = 1)	HEAVIER THAN AIR	Evaporation Rate (= 1)	N BUTYL ACETATE
Solubility in Water	COMPLETE	Water Reactive	NO

Appearance and Odor

THIN LIQUID WITH NEGLIGIBLE ODOR

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	250 c.c.	Auto-ignition Temperature	N.A.	Flammability Limits in Air % by Volume	N.A.	LEL	N.A.	UEL	N.A.
Extinguisher Media	CO ₂ - FOAM - DRY CHEMICAL								
Special Fire Fighting Procedures	N.A.								

Unusual Fire and Explosion Hazards

N.A.

*Optional

STABILITY

☒ Stable
☐ UnstableConditions
To Avoid

N.A.

Incompatibility
(Materials to Avoid)

N.A.

Hazardous
Decomposition Products

NONE

HAZARDOUS POLYMERIZATION

☐ May Occur
☐ Will Not OccurConditions
To Avoid

N.A.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES
OF ENTRY☐ Inhalation☐ Skin Absorption☐ Ingestion☐ Not HazardousCARCINOGEN
LISTED IN☐ NTP☐ IARC Monograph☐ OSHA☐ Not Listed

HEALTH HAZARDS

Acute

N.A.

Chronic

N.A.

Signs and Symptoms
of Exposure

N.A.

Medical Conditions
Generally Aggravated by Exposure

NONE

EMERGENCY FIRST AID PROCEDURES - Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact

FLUSH WITH WATER FOR 15 MINUTES THEN CONSULT PHYSICIAN IMMEDIATELY

Skin Contact

WASH THOROUGHLY WITH SOAP AND WATER

Inhalation

NONE

Ingestion

INDUCE VOMITING - CONSULT PHYSICIAN IMMEDIATELY

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection
(Specify Type)

N.A.

Protective Gloves

LATEX GLOVES

Eye Protection

SAFETY GLASSES

VENTILATION
TO BE USED☐ Local Exhaust☒ Mechanical (general)☐ Special☐ Other (specify)Other Protective
Clothing and Equipment

N.A.

Hygienic Work
Practices

N.A.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material
is Spilled or Released

ABSORBENT PAPER TOWELING

Waste Disposal
Methods

ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS

Precautions to be Taken
in Handling and Storage

N.A.

Other Precautions and/or Special Hazards

N.A.