DICHLORAN GLYCEROL MEDIUM BASE

SECTION 1: PRODUCT IDENTIFICATION

Product Name: Dichloran Glycerol Medium Base
Product Code: TM 981
REACH Registration Number: This product is a mixture. Reach registration number is not available for this mixture
Relevant identified uses :Laboratory Chemicals, Analytical Purpose, Biochemical Analysis For InVitro Diagnostic Use

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture.
CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]
Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.
Label elements
Labeling according to Regulation (EC) No.1272/2008
The product does not need to be labelled in accordance with EC directives or respective national laws.
Other hazards
None

SECTION 3: COMPOSITION /INFORMATION ON INGREDIENTS

Mixture

Component	Classification	Concentration
Chloramphenicol		
CAS No. : 56-75-7 EC No. : 200-287-4	**As Per EC Regulation 1272/2008** Carc. 1B H350	>=1.0 - <=1.0%

Refer Section 16 for complete statement of H codes and its classification.

SECTION 4: FIRST AID MEASURES

Description of first aid measures
General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact
Wash off with soap and plenty of water. Consult a physician.
In case of eye contact
Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.
If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delayed
No data available.
Indication of immediate medical attention and special treatment needed
No data available

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media
Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media
No data available.
Special hazards arising from the substance or mixture
Carbon oxides, Hydrogen chloride gas, Sodium oxides
Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.
Further information
No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and materials for containment and cleaning up
Soak up with inert adsorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
Reference to other sections
For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection.
Conditions for safe storage, including any incompatibilities Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Recommended StorageTemperature: On receipt store between 10-25°C
Specific end uses
Apart from the uses mentioned in section 1, no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Components with workplace control parameters
Exposure controls
Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products.
Personal protective equipment
Hygiene measure
Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product.
Eye/face protection
Tightly fitting safety goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
Skin protection Handle with gloves.
Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection
Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Environment exposure controls
Do not empty into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

a) Appearance	:	Cream to yellow coloured homogeneous free flowing powder.
b) Odour	:	No data available
c) Odour Threshold	:	No data available
d) pH	:	5.40 - 5.80
e) Melting point/freezing point	:	No data available
f) Initial boiling point and boiling range	:	No data available
g) Flash point	:	No data available
h) Evaporation rate	:	No data available
i) Flammability (solid, gas)	:	No data available
j) Upper/lower flammability or explosive limits	:	No data available
k) Vapour pressure	:	No data available
l) Vapour density	:	No data available
m) Relative density	:	No data available
n) Water solubility	:	No data available
o) Partition coefficient noctanol/water	:	No data available
p) Auto-ignition temperature	:	No data available
q) Decomposition temperature	:	No data available
r) Viscosity	:	No data available
s) Explosive properties	:	No data available
t) Oxidizing properties	:	No data available

Other safety information
No data available

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity: No data available
Chemical stability: No data available.
Possibility of hazardous reactions: No data available
Conditions to avoid: No data available
Incompatible materials: No data available
Hazardous decomposition products: Refer Section 5

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects
Acute toxicity: No data available
Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available
Respiratory or skin sensitization: No data available
Germ cell mutagenicity: No data available
Carcinogenicity:
IARC: No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity: No data available
Specific target organ toxicity- single exposure: No data available
Aspiration hazard: No data available
Potential Health
Effects Inhalation: REFER SECTION 2
Skin: REFER SECTION 2
Eyes:REFER SECTION 2
Ingestion: REFER SECTION 2
Additional Information: RTECS: Not available
Components
Chloramphenicol
Acute oral Toxicity
Rat LD50: 2.500 mg/kg
Rat Intraperitoneal LD50: 1.811 mg/kg
Mouse Intraperitoneal LD50: 1.100 mg/kg
Respiratory or skin sensitization
Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
Germ Cell Mutagenicity
Lab experiments have shown mutagenic effects.
Classified by IARC as Group 2A probable carcinogen to humans
Reproductive toxicity
May cause congenital malformation in the fetus.
Additional Information
RTECS : AB6825000

SECTION 12: ECOLOGICAL INFORMATION

Toxicity
No data available
Components:
Chloramphenicol
Toxicity to *Daphnia* and other aquatic invertebrates
Daphnia magna(Water flea) EC50: 345 mg/l; 48 h
Persistence and degradability
No data available
Bioaccumulative potential
No data available
Mobility in soil
No data available
Result of PBT and vPvB assessment
This preparation contains no substance considered to be persistent,bioaccumulating or toxic (PBT) at levels of 0.1% or higher.
Other adverse effects
No data available

SECTION 13: DISPOSAL CONSIDERATION

Waste treatments methods

Product
Offer surplus and non- recyclable solutions to a licenced company. Contact a licenced professional waste disposal service to dispose off this material.
Contaminated packaging
Dispose of as unused product

SECTION 14: TRANSPORT INFORMATION

UN - No
ADNR : ADR : IATA_C : IATA_P : IMDG : RID :

UN proper shipping name

ADNR	:	Not dangerous goods
ADR	:	Not dangerous goods
IATA_C	:	Not dangerous goods
IATA_P	:	Not dangerous goods
IMDG	:	Not dangerous goods
RID	:	Not dangerous goods

Transport hazard class(es)
ADNR : - ADR : - IATA_C : - IATA_P : - IMDG : - RID : -
Packaging group
ADNR : ADR : IATA_C : IATA_P : IMDG : RID :
Environmental hazards
ADNR : No ADR : No IMDG : Marine Pollutant No IATA_C : No IATA_P : No RID : No
Special precautions for use No data available

SECTION 15: REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006
Safety health and environment regulations/legislation specific for the substance or mixture
No data available
Chemical Safety Assessment
No data available.

SECTION 16: OTHER INFORMATION

H350	May cause cancer
Carc. 1B	Carcinogenicity, Category 1B

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.