

CHAITANYA CHS, 2nd FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.
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MATERIAL SAFETY DATA SHEET (MSDS)

GLASS BEADS (3.5-4.5MM)

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : GLASS BEADS (3.5-4.5MM)

Product code : G0103005000
 CAS No: N/A

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

Use : Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet

Company identification SUVCHEM
 Chaitanya Tower, 2nd Floor, Office # 206,
 Siddharth Nagar, S.V. Road,
 Goregaon (West), Mumbai - 400062,
 Maharashtra, India.
 Contact: +91 22 28725393 / 94 / 95
 Email ID: info@suvchem.com/care@suvchem.com

1.4. Emergency telephone number

Phone no. : + 91 22 28725393 / 94 / 95 (9:00am - 6:00 pm) [Office hours]

2. Hazards identification -DSD

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : T; R23/24/25-R39/23/24/25

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards : Specific Target Organ Toxicity - Single exposure - Category 1 - Danger (CLP : STOT SE 1) H370
 Acute toxicity, Oral - Category 3 - Danger (CLP : Acute Tox. 3) H301
 Acute toxicity, Inhalation - Category 3 - Danger (CLP : Acute Tox. 3) H331
 Acute toxicity, dermal - Category 3 - Danger (CLP : Acute Tox. 3) H311

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

MATERIAL SAFETY DATA SHEET (MSDS)
GLASS BEADS (3.5-4.5MM)
2. Hazards identification -DSD (continued)
Symbol(s)

Symbol(s)

: T : Toxic

R Phrase(s)

 : R23/24/25 : Toxic by inhalation, in contact with skin and if swallowed.
 R39/23/24/25 : Toxic : danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

S Phrase(s)

 : S4 : Keep away from living quarters.
 S24 : Avoid contact with skin.
 S28 : After contact with skin, wash immediately with
 S35 : This material and its container must be disposed of in a safe way.
 S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.
 S38 : In case of insufficient ventilation, wear suitable respiratory equipment.
 S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).
 S59 : Refer to manufacturer/supplier for information on recovery/recycling.

Contains

: Methanol - 1,2,3-Propanetriol(glycerin) - GIEMSA`S STAIN

Labelling Regulation EC 1272/2008 (CLP)
Hazard pictograms

Signal words

: Danger

Hazard statements

 : H301 : Toxic if swallowed.
 H311 : Toxic in contact with skin.
 H331 : Toxic if inhaled.
 H370 : Causes damage to organ.

Precautionary statements
• Prevention

 : P280: Wear protective gloves, protective clothing, eye protection, face protection.
 P271: Use only outdoors or in a well-ventilated area.
 P260: Do not breathe dust, fume, gas, mist, vapours, spray.
 P264: Wash thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.

• Response

 : P301+P310: IF SWALLOWED : Immediately call a POISON CENTER or doctor.
 P307+P311: IF EXPOSED : Call a POISON CENTER or doctor.
 P302+P352: IF ON SKIN : Wash with plenty of soap and water.
 P304+P340: IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing.
 P363: Wash contaminated clothing before reuse.
 P361: Remove immediately all contaminated clothing.

• Storage

 : P403+P233: Store in well-ventilated place. Keep container tightly closed.
 P405: Store locked up.

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MATERIAL SAFETY DATA SHEET (MSDS)

GLASS BEADS (3.5-4.5MM)

2. Hazards identification -DSD (continued)

- **Disposal considerations** : P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
 P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
- Contains** : Methanol - 1,2,3-Propanetriol(glycerin) - GIEMSA'S STAIN

2.3. Other hazards

- Other hazards** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

3. Composition/information on ingredients

Substance / Preparation		: Preparation.					
Hazardous component(s)		: This product is hazardous.					
Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification	
GIEMSA'S STAIN	: > 0.01 < 1 %	51811-82-6	-----	-----	----	Xn; R22 Xi; R41 R52-53 Eye Dam 1 _ H318 Acute Tox. 4 (oral) _ H302 Aquatic Chronic 3 _ H412	
Methanol	: > 50 < 75 %	67-56-1	200-659-6	603-001-00-X	----	F; R11 T; R23/24/25-39/23/24/25 Flam. Liq. 2 _ H225 Acute Tox. 3 (skin) _ H311 Acute Tox. 3 (inhal) _ H331 Acute Tox. 3 (oral) _ H301 STOT SE 1 _ H370	
1,2,3-Propanetriol(glycerin)	: > 50 < 75 %	56-81-5	200-289-5	-----	----	Not classified (DSD/DPD) Not classified (GHS)	

4. First aid measures

4.1. Description of first aid measures

- Inhalation** : Immediately call a POISON CENTER or doctor. Specific treatment (see on this label). Remove to fresh air and keep at rest in a position comfortable for breathing.
- Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Specific treatment (see on this label). Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse.
- Eye contact** : Obtain medical attention if pain, blinking or redness persist. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.
- Ingestion** : Immediately call a POISON CENTER or doctor. Specific treatment (see on this label). Do NOT induce vomiting. Rinse mouth.

MATERIAL SAFETY DATA SHEET (MSDS)
GLASS BEADS (3.5-4.5MM)
4. First aid measures (continued)
4.2. Most important symptoms and effects, both acute and delayed

Symptoms relating to use : Repeated exposure to this material can result in absorption through skin causing significant health hazard.
 Danger of serious damage to health by prolonged exposure through inhalation.
 Swallowing a small quantity of this material will result in serious health hazard.
 Causes damage to organ.

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

General information : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a POISON CENTER or doctor.
 Specific treatment (see on this label).

5. Fire-fighting measures
5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.
Surrounding fires : Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

Flammable class : Highly flammable liquid and vapour.
Hazardous combustion products : Under fire conditions, hazardous fumes will be present.

5.3. Advice for fire-fighters

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6. Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders : Equip cleanup crew with proper protection.
 Ventilate area.
 Avoid breathing dust, fume, gas, mist, vapours, spray.
Technical measures : Use special care to avoid static electric charges.

MATERIAL SAFETY DATA SHEET (MSDS)
GLASS BEADS (3.5-4.5MM)
6. Accidental release measures (continued)

- Special precautions** : Remove ignition sources. No naked lights. No smoking.
For non-emergency personnel : Evacuate unnecessary personnel.

6.2. Environmental precautions

- Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Clean up methods** : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Store away from other materials. Collect spillage.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and storage
7.1. Precautions for safe handling

- Handling** : Handle empty containers with care because residual vapours are flammable. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not breathe dust, fume, gas, mist, vapours, spray.
- Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof electrical, ventilating, lighting, ..., equipment.
- Special precautions** : No naked lights. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Keep only in the original container in a cool, well ventilated place. Keep in fireproof place. Ground/bond container and receiving equipment. Keep container tightly closed.
- Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

- Specific end use(s)** : None.

8. Exposure controls/personal protection
8.1. Exposure controls

MATERIAL SAFETY DATA SHEET (MSDS)
GLASS BEADS (3.5-4.5MM)
8. Exposure controls/personal protection (continued)
Personal protection

Personal protection
• Respiratory protection

: Avoid all unnecessary exposure.
 : In case of insufficient ventilation, wear suitable respiratory equipment.
 Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

• Hand protection

: Wear protective gloves.

• Eye protection

: Chemical goggles or safety glasses.

• Others

: When using, do not eat, drink or smoke.

8.2. Control parameters
Occupational Exposure Limits

: No data available.

Occupational Exposure Limits

: Methanol : OEL (UK)-LTEL [ppm] : 200
 Methanol : OEL (UK)-STEL [ppm] : 250
 Methanol : ILV (EU) - 8 H - [mg/m³] : (260 Skin.)
 Methanol : ILV (EU) - 8 H - [ppm] : (200 Skin.)
 Methanol : HTP-vården - 8 H - [ppm] : 200
 Methanol : HTP-vården - 15min - [ppm] : 250
 Methanol : HTP-vården - 8 H - [mg/m³] : 270
 Methanol : HTP-vården - 15min - [mg/m³] : 330
 Methanol : NGV - [ppm] : 200
 Methanol : NGV - [mg/m³] : 250
 Methanol : KTV - [ppm] : 250
 Methanol : KTV - [mg/m³] : 350
 Methanol : VLA-ED [ppm] : 200
 Methanol : VLA-ED [mg/m³] : 266
 Methanol : VLA-EC [ppm] : 250
 Methanol : VLA-EC [mg/m³] : 333

9. Physical and chemical properties
9.1. Information on basic physical and chemical properties
Physical state at 20 °C

: Liquid.

Colour

: Colorless

Odour

: Characteristic.

Odour threshold

: No data available.

pH value

: No data available.

Melting point [°C]

: 17.9° C

Decomposition point [°C]

: N/A

MATERIAL SAFETY DATA SHEET (MSDS)
GLASS BEADS (3.5-4.5MM)
9. Physical and chemical properties (continued)

Critical temperature [°C]	: No data available.
Auto-ignition temperature [°C]	: No data available.
Flammability (solid, gas)	: Flammable. Highly flammable liquid and vapour.
Flash point [°C]	: 12°C
Boiling point [°C]	: 64.5° C
Initial boiling point [°C]	: No data available.
Final boiling point [°C]	: No data available.
Evaporation rate	: N/A
Vapour pressure [20°C]	: No data available.
Vapour pressure mm/Hg	: 97.68mm of Hg at 20°C
Vapour density	: 2.37
Density [g/cm ³]	: 1.04
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: Soluble
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Solubility	: 7
Viscosity at 40°C [mm ² /s]	: No data available.

9.2. Other information

Explosive properties	: N/A
Explosion limits - upper [%]	: No data available.
Explosion limits - lower [%]	: No data available.
Oxidising properties	: No data available.

10. Stability and reactivity
10.1. Reactivity

Reactivity	: Not established.
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10.2. Chemical stability

Chemical stability	: Stable under recommended storage conditions.
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10.3. Possibility of hazardous reactions

Hazardous reactions	: Not established.
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MATERIAL SAFETY DATA SHEET (MSDS)
GLASS BEADS (3.5-4.5MM)
10. Stability and reactivity (continued)
10.4. Conditions to avoid

Conditions to avoid : Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Materials to avoid : Strong acids. Strong bases.

10.6. Hazardous decomposition products

Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.
May release flammable gases.

11. Toxicological information
11.1. Information on toxicological effects

Toxicity information : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

Acute toxicity

- **Inhalation** : Toxic if inhaled.
- **Dermal** : Toxic in contact with skin.
- **Ingestion** : Toxic if swallowed.

Corrosion : Based on available data, the classification criteria are not met.

Irritation : Based on available data, the classification criteria are not met.

Sensitization : Based on available data, the classification criteria are not met.

Mutagenicity : Based on available data, the classification criteria are not met.

Carcinogenicity : Based on available data, the classification criteria are not met.

Toxic for reproduction : Based on available data, the classification criteria are not met.

STOT-single exposure : Causes damage to organ.
Causes damage to organ.

STOT-repeated exposure : Based on available data, the classification criteria are not met.

Aspiration hazard : Based on available data, the classification criteria are not met.

12. Ecological information
12.1. Toxicity

Toxicity information : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

MATERIAL SAFETY DATA SHEET (MSDS)
GLASS BEADS (3.5-4.5MM)
12. Ecological information (continued)
12.2. Persistence - degradability

Persistence - degradability : Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential : Not established.

12.4. Mobility in soil

Mobility in soil : Not established.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

13. Disposal considerations
13.1. Waste treatment methods

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.
 Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Special precautions : Hazardous waste due to toxicity.
 Handle empty containers with care because residual vapours are flammable.

14. Transport information
14.1. Land transport (ADR-RID)

Proper shipping name : METHANOL
 UN N° : 1230
 H.I. nr : 336
 ADR - Class : 3
 Labelling - Transport : 3 : Flammable liquid. 6.1 : Toxic substances.

MATERIAL SAFETY DATA SHEET (MSDS)
GLASS BEADS (3.5-4.5MM)
14. Transport information (continued)


ADR - Classification code : FT1
 ADR - Group : II
 ADR - Packing instructions : P001
 ADR - Limited Quantity : 1 L
 ADR - Tunnel code : D/E : Bulk or tank carriage: Passage forbidden through tunnels of category D and E. Other carriage: Passage forbidden through tunnels of category E.


14.2. Sea transport (IMDG) [English only]

Proper shipping name : METHANOL
 UN N° : 1230
 IMO-IMDG - Class or division : 3 : Flammable liquid. (6.1 : Toxic substances.)
 IMO-IMDG - Packing group : II
 IMO- IMDG - Packing instructions : P001
 IMO-IMDG - Limited quantities : 1 L
 IMO-IMDG - Marine pollution : No
 EMS-Nr : F-E S-D

14.3. Air transport (ICAO-IATA) [English only]

Proper shipping name : METHANOL
 UN N° : 1230
 IATA - Class or division : 3 : Flammable liquid. (6.1 : Toxic substances.)
 IATA - Packing group : II
 IATA - Passenger and Cargo Aircraft : ALLOWED
 - Passenger and Cargo - Packing instruction : 352
 - Passenger and Cargo - Maximum Quantity/Packing : 1 L
 IATA - Cargo only : ALLOWED
 - Cargo only - Packing instruction : 364
 - Cargo only - Maximum Quantity/ Packing : 60 L

MATERIAL SAFETY DATA SHEET (MSDS)
GLASS BEADS (3.5-4.5MM)
14. Transport information (continued)

IATA - Limited Quantities : 1 L
 ERG-Nr : 3L

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

Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.
 REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.
 REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

15.2. Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.

16. Other information

Revision : Revision - See : *

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic.
 vPvB: very persistent and very bioaccumulative

Sources of key data used : 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

List of relevant R phrases (heading 3) : R11 : Highly flammable.
 R22 : Harmful if swallowed.
 R23/24/25 : Toxic by inhalation, in contact with skin and if swallowed.
 R39/23/24/25 : Toxic : danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
 R41 : Risk of serious damage to eyes.
 R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

List of full text of H-statements in section 3 : H225 : Highly flammable liquid and vapour.
 H301 : Toxic if swallowed.
 H302 : Harmful if swallowed.
 H311 : Toxic in contact with skin.
 H318 : Causes serious eye damage.
 H331 : Toxic if inhaled.
 H370 : Causes damage to organ.
 H412 : Harmful to aquatic life with long lasting effects.

Further information : None.

MATERIAL SAFETY DATA SHEET (MSDS)

GLASS BEADS (3.5-4.5MM)

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

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- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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