

SAFETY DATA SHEET

GL 4221 GLOBAL AKRY SOL HD BASE

According to GHS standard

Version no:-1 Revision date:-7.7.2023



1 IDENTIFICATION OF SUBSTANCE / MIXTURE AND OF THE COMPANY

1.1 Product Identifier

Product Name : GL 4221 GLOBAL AKRY SOL HD BASE
Brand : The Global

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

Product use : Used for the chemical and Textile Printing

1.3 Details of the supplier

Company : Lakshmi Bio Chem The Global Inc (India)
4/18, 3rd Cross Street, Poochakadu, (Opp. Vinayagar Temple)
Karuvampalayam, Tirupur – 641 604
Tamil Nadu, India.
Email : info@tgllbm.com

1.4 Emergency telephone number

Emergency Phone Number : 0421-4342677(9.30AM – 8.00PM)

2 HAZARDS IDENTIFICATION

2.1 GHS Classification

Not a hazardous substance or mixture

2.2 GHS Label elements

Not a hazardous substance or mixture

2.3 Other hazards which do not result in classification

Harmful if swallowed

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3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature : Textile printing Inks

Substance Name	CAS no	Percentage
Acrylic Resin	9065-11-6	30
Phthalate free Plastizicer	91082-17-6	20
Silicon Dioxide	7631-86-9	30
Expencel	387336-51-8	8
Water	7732-18-5	12

4 FIRST AID MEASURES

4.1 If Inhaled

Move person in to fresh air, if not breathing, give artificial respiration.

Skin Contact

Wash with water and soap as a precaution. If skin irritation persists call on Doctor

Eye Contact

Rinse with plenty of water. If eye irritation persists, consult a specialist

Ingestion

Drink 1 or 2 glasses of water. Consult a physician if necessary. Never induce vomiting without medical advice

4.2 Most important symptoms and effects, both acute and delayed

Please refer hazardous label in the can.

5 FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Use Water Spray, alcohol-resistant foam, dry chemical or carbon dioxide

5.2 Special Hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides, Sulphur oxides, Sodium oxides

5.3 Advice for Firefighters:

Wear self contained breathing apparatus for firefighting if necessary

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6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Use personal protective equipment

Keep people away from and upwind of spill/leak

Material can create slippery conditions

6.2 Environmental precautions

CAUTION: Keep spills and cleaning runoff out of municipal sewers

6.3 Methods for cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Other Information

Transfer liquids and solid digging material to separate suitable containers for recovery

7 HANDLING AND STORAGE

7.1 Precaution for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

7.2 Storage

Store in a cool place, Keep container tightly closed in a dry and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls / Personal Protection

8.1 Respiratory protection

Respiratory protection is not required. Use respirators and components tested and approved under appropriate government standards.

8.2 Eye / Face Protection

Wear safety glasses, which tested under appropriate government standards.

8.3 Skin and Body protection

Handle with gloves. Gloves must be inspected prior to use.

8.4 Engineering Measures

Use only in area provided with appropriate exhaust ventilation

8.5 Environmental Exposure

Do not let product enter drains.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste
Color	HALF WHITE
Odour	Characteristic
Ph	6 – 7.5
Boiling Point	No data available
Flash Point	160°C
Water solubility	NA
Viscosity	220000 CPS

10 STABILITY AND REACTIVITY

10.1 Hazardous reactions

Hazardous decomposition products formed under fire conditions -Carbon oxides, Nitrogen oxides(NOx), Sulphur oxides, Sodium oxides.

10.2 Materials to avoid

There are no known materials which are incompatible

10.3 Polymerization

Product will not undergo polymerization

11 TOXICOLOGICAL INFORMATION

1.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity: LD50 (Rat): >2000 mg/kg (Argument by analogy)

Acute inhalation toxicity: No data is available on the product itself.

Acute dermal toxicity: Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Product:

This product is not reported to produce mutagenic effects in humans.

Carcinogenicity

Product: This product is not reported to produce Carcinogenic effects in humans.

Reproductive toxicity

Product:

This product is not reported to produce any adverse effects on human Reproductive system.

STOT - single exposure

Product: No data is available on the product itself

STOT - repeated exposure

Product: No data is available on the product itself

Aspiration toxicity

Product: No data is available on the product itself

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12 ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity

Product:

Toxicity to fish LC50 : >100mg/L Nodata is available on the product itself.

Exposure time: 98 h

Toxicity to algae : No data is available on the product itself.

12.2 Persistence and degradability

Biodegradability: The product is "readily biodegradable" according to the criteria of the OECD.

12.3 Bio accumulative potential

Bioaccumulation: No data is available on the product itself.

Partition coefficient n-octanol/water: Not applicable

12.4 Mobility in soil

Mobility: No data available

12.5 Results of PBT and vPvB assessment:

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

13 DISPOSAL CONSIDERATIONS

a. Water treatment methods

Product

Dispose in accordance with local state and federal regulations.

Contaminated packaging

Empty containers should be taken for local recycling of waste disposal

14 TRANSPORT INFORMATION

Classification for ROAD and RAIL transport - not regulated (Not dangerous for transport)

Classification for SEA transport (IMO-IMDG) - not regulated (Not dangerous for transport)

Classification for AIR transport (IATA/ICAO) - not regulated (Not dangerous for transport)

15 REGULATORY INFORMATION

a. Label

Classification and labeling have been performed according to regulations

b. Hazard symbol and Indication of danger

Not classified as hazardous according to regulatory criteria

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16 OTHER INFORMATION

16.1 Further information

Do not mix this product with Oxidizing agents or Reducing agents.

For queries please do refer Technical Data Sheet of this product.

These suggestion and data are based on information we believe to be reliable. They are offered in good faith but without guarantee as conditions and method of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestion for uses of our products should not be understood as recommendation that they be used in violation of any patents.

Expiry Date: 1 year from the date of manufacture.
