

# SAFETY DATA SHEET

DGA Resin - Branched SDS - Bulk and Cartridge

Revision Date: 17-Jan-23

## Section 1: Chemical Product and Company Identification

Product Name: DGA Resin - Branched  
Product Number(s): DB-B01-A, DB-B01-S, DB-R50-S  
Product Synonym(s): DGA Resin - Branched  
Identified Uses: Laboratory chemicals, manufacture of substances  
Manufacturer: Eichrom Technologies LLC  
1955 University Lane  
Lisle, Illinois 60532  
General Information: (8-5 CST M-F)  
800-422-6693 (in USA)  
630-963-0320

24 Hour Emergency Number (US/Canada): 1-800-255-3924 CHEMTEL Contract #:MIS9554039

24 Hour International Access Number: 1-813-248-0585

### Country Specific Emergency Numbers:

Australia: 1-300-954-583

India: 000-800-100-4086

Brazil: 0-800-591-6042

Mexico: 1-800-99-731

## Section 2: Hazard(s) Identification

### 2.1 Classification of the substance or mixture

#### GHS Classification of substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity, Oral (Category 4)

Skin Irritant

Eye Irritant

Respiratory Tract Irritation

### 2.2 GHS Label elements, including precautionary statements

Pictogram:



Signal Word

**Warning**

Hazard Statement(s):

H302 Harmful if swallowed  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation

Precautionary Statement(s):

Prevention	P261	Avoid breathing dust.
	P264	Wash hands thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear safety goggles and/or face shield. Wear protective gloves.
Response	P301+P312+P330	IF SWALLOWED: Call a POISON CONTROL CENTER or doctor if you feel unwell. Rinse mouth.
	P302+P352	IF ON SKIN: Wash with plenty of soap and water.
	P304+P312	IF INHALED: Call a POISON CONTROL CENTER or doctor if you feel unwell.
	P304+P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P332+P313	If skin irritation occurs, seek medical attention.
	P337+P313	If eye irritation persists, get medical attention.
P362+P364	Take off contaminated clothing and wash before reuse.	

Storage	P403+P233	Store in a well-ventilated place. Keep container tightly closed.
	P405	Store locked up.
Disposal	P501	Dispose of contents/container in accordance with federal, state, and local regulations.

### 2.3 Hazards Not Otherwise Classified (HNOC) or not covered by GHS:

#### Section 3: Composition / Information on Ingredients

Component	CAS_Number	Weight Percentage
Nonionic Acrylic Ester Polymer	Trade Secret	60%
N,N,N,N'- Tetra(2-ethylhexyl)-3-oxapentanediamide	669087-46-1	40%

#### Section 4: First-aid Measures

General Advice	Symptoms of poisoning may occur after several hours; therefore medical observation is recommended for at least 48 hours after exposure.
Ingestion	IF SWALLOWED: Call a POISON CONTROL CENTER or doctor if you feel unwell.
Skin Contact	Wash immediately with soap and copious amounts of water. Remove and wash contaminated clothing promptly. If irritation develops, seek medical attention.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
Most important symptoms and effects, both acute and delayed	No further relevant information available.
Indication of any immediate medical attention and special treatment needed	Treat according to symptoms (decontamination, vital functions), no known specific antidote.

#### Section 5: Firefighting Measures

Extinguishing Media	Use fire extinguishing methods suitable to surrounding conditions. Foam, CO2, Dry Chemical.
Protective Equipment	Wear positive pressure self-contained breathing apparatus and full personal protective equipment.

#### Section 6: Accidental Release Measures

Personal precautions	Surface may be slippery. Use proper personal protect equipment (specified in section 8)
Environmental Precautions	Avoid release to the environment.
Methods and materials for containment and clean-up	Sweep up material and transfer to a suitable container for disposal.
Reference to other sections	For disposal see section 13.

#### Section 7: Handling and Storage

Conditions for safe handling	Avoid repeated freeze-thaw cycles; beads may fracture. If frozen, thaw at room temperature. Use mechanical exhaust if dust is formed.
Conditions for safe storage	Normal warehouse storage in cool, dry area is satisfactory. Storage temperature: 0 to 50 °C (32 to 122°F ) Keep away from strong oxidizers.
Specific End Use(s)	Apart from the uses mentioned in section 1 no other specific uses are stipulated.

#### Section 8: Exposure Controls / Personal Protection

Control Parameters	Contains no substances with occupational exposure limit values.
Exposure Controls	Mechanical exhaust is required. Do not eat, drink or smoke when using this product.

Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product.

Body protection	Wear protective gloves, clothing, and eye protection.
Respiratory protection	Do not breathe dust.

## Section 9: Physical Properties

### Information on basic physical and chemical properties

Appearance:	Powder Off-white, spherical beads	Explosion Limits (Upper/Lower):	Not Established
Odor:		Flash Point:	Not Established
Odor Threshold:	Not Established	Flammability:	Not Established
pH:	Not Relevant	AutoIgnition Temperature:	427 °C
Melting Point:	Not Established	Decomposition Temperature	Not Established
Boiling Point:	Not Established	VaporPressure:	Not Established
Relative Density:	0.38 g/mL at 25°C	VaporDensity:	Not Established
Solubility:	Insoluble in water	Evaporation Rate:	Not Established
Partition Coefficient:	Not Established		
Viscosity:	Not Applicable		

## Section 10: Stability and Reactivity

Reactivity	No hazardous reactions if stored and handled as indicated.
Chemical Stability	Stable under normal handling and storage conditions.
Hazardous Reactions	No hazardous reactions are expected in normal laboratory use. Hazardous polymerization will not occur.
Conditions to Avoid	No relevant information available.
Materials to Avoid	Contact with strong oxidizers will degrade material.
Hazardous decomposition Products	Possible combustion products include carbon monoxide, carbon dioxide, and nitrogen oxides.

## Section 11: Toxicology Information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

Acute Toxicity	
Oral Effects	Polymer, Oral LD50 > 5,000 mg/kg (rat) Extractant, Oral LD50 has not been determined.
Inhalation Effects	No data available.
Dermal Effects	Polymer, Dermal LD50 > 5,000 mg/kg (rabbit) Extractant, Dermal LD50 has not been determined.
Skin corrosion/irritation	No test data available. Slight irritation expected.
Serious eye damage/irritation	No test data available. Slight irritation expected.
Respiratory or skin sensitization	No data available regarding respiratory or skin sensitization effects of this product.
Germ Cell Mutagenicity	No data available regarding mutagenic effects of this product.
Carcinogenicity	No specific data available. Minimize direct exposure to material.
Reproductive Toxicity	No data available regarding reproductive effects of this product.
Specific Target Organ Toxicity	
Single Exposure	No data available regarding specific target organ toxicity single exposure.
Repeated Exposure	No data available regarding specific target organ toxicity repeated exposure.

## Aspiration Hazard

No data available regarding aspiration hazards associated with this product.

### Section 12: Ecological Information

\*The product has not been tested. The statement has been derived from the properties of individual components using an additivity method.

## Toxicity

## Aquatic Toxicity

No data are available on the adverse effects of this material on the environment.

## Persistence and degradability

No data are available for persistence and degradability.

## Bioaccumulative potential

No data are available for bioaccumulative potential.

## Mobility in Soil

No data are available for mobility in soil.

## PBT/vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

### Section 13: Disposal Considerations

## General

Dispose of contents/container in accordance with federal, state, and local regulations.

## Unused:

Bury resin in licensed landfill or burn in approved incinerator equipped with an afterburner and scrubber according to local, state, and federal regulations.

## Used:

For resin contaminated with hazardous materials, dispose of mixture as hazardous material according to local, state, and federal regulations.

### Section 14: Transport Information

## Air Transport:

Not Hazardous per IATA 2014

## Ground Transport:

Not D.O.T. Hazardous

## Water Transport:

Not Hazardous per IMDG 2012.

### Section 15: Regulatory Information

## US Federal Regulations

Toxic Substances Control Act (TSCA): This material is provided to you under the research and development (R&D) exemption.

### Section 16: Other Information

## Revised:

1/17/2023

## Replaces Revision:

2/1/2018

## Revision

Added new part numbers.

1-Feb-2018: Update Emergency Phone Numbers

## SDS Prepared By:

Eichrom Technologies LLC

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