

# SAFETY DATA SHEET

DGA Resin - Branched SDS - Bulk and Cartridge

Revision Date: 22-May-15

## Section 1: Chemical Product and Company Identification

**Product Name** DGA Resin - Branched  
**Product Number(s):** DB-B01-A, DB-B01-L, DB-B01-S, DB-B100-L, DB-R01-S, DB-R25-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:**

**CHEMTREC: 800-424-9300**

## Section 2: Hazard(s) Identification



**GHS Signal Word:** **Warning**

**GHS Classification of substance or mixture:** Acute toxicity, Oral (Category 4)  
Skin Irritant

Eye Irritant

Respiratory Tract Irritation

**Hazard Statement(s):**  
H302 Harmful if swallowed  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation

### 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 IF SWALLOWED: Call a POISON CONTROL CENTER or doctor if you feel unwell.  
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.  
P305/P351/P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CONTROL CENTER or doctor if you feel unwell.  
P330 Rinse mouth.  
P332/P313 If skin irritation occurs, seek medical attention.  
P337/P313 If eye irritation persists, get medical attention.  
P362 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.

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

Component	CAS_Number	Percentage Range
Nonionic Acrylic Ester Polymer		60%
N,N,N'N'- Tetra(2-ethylhexyl)-3-oxapentanediamide	342794-43-8	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: IMMEDIATELY call a POISON CONTROL CENTER or doctor.
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**

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

**Section 7: Handling and Storage**

Specific End Use(s)	Apart from the uses mentioned in section 1 no other specific uses are stipulated.
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	Storage temperature: 0 to 50 °C (32 to 122°F ) Keep away from strong oxidizers. Normal warehouse storage in cool, dry area is satisfactory.

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

Engineering Controls	Mechanical exhaust is required.
Control Parameters	Contains no substances with occupational exposure limit values.
Exposure Controls	Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product
Skin 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		
Relative Density:	0.38 g/mL at 25°C	VaporPressure:	Not Established
Solubility:	Insoluble in water	VaporDensity:	Not Established
Partition Coefficient:	Not Established	Evaporation Rate:	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.
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.
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**Section 16: Other Information**

SDS Prepared By:	Eichrom Technologies LLC
Revision	Updated to GHS SDS format, including classification

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