

# Safety Data Sheet

<b>Section 1.</b>	<b>CHEMICAL PRODUCT SECTION</b>
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Product Name: EBKS 1541-LS  
Product Number: 1541A Rheology Additive/Viscosity Reducer

Manufacturer: AMI  
5142 Hwy 166 W  
Carrollton, GA 30117  
PH: 678-821-3273  
FAX 678-821-3255

For Chemical Emergency,  
Call 678-821-3273  
Effective Date: 04-03-2014

<b>Section 2.</b>	<b>INFORMATION ON HAZARDOUS INGREDIENTS</b>
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**NFPA RATINGS:**                      **Health: 0**      **Flammability: 1**      **Reactivity: 0**

<b>CHEMICAL</b>	<b>C.A.S. Number</b>	<b>Weight %</b>
Proprietary		100

Composed of Proprietary Non-Hazardous Material

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Not classified by OSHA as flammable or combustible.

<b>Section 3.</b>	<b>HAZARD IDENTIFICATION</b>
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Potential Health Effects:

**Inhalation:** Unlikely to be hazardous by inhalation because of the low vapour pressure of the material at ambient temperature. Thermal decomposition will evolve irritant vapors. No toxic effects are known to be associated with inhalation of this material.

**Eyes:** Contact with eyes may cause irritation.

**Skin:** No irritation is expected to result after contact with human skin.

**Ingestion:** Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract. No toxic effects are expected following ingestion of this product..

<b>Section 4.</b>	<b>FIRST AID MEASURES</b>
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**Inhalation:** Move to fresh air. Should cough develop, consult medical help. **Eye Contact:** Flush with water for at least 15 minutes. If redness develops, get medical aid.

**Skin Contact:** Wash off skin and remove contaminated clothing.

**Ingestion:** DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

<b>Section 5.</b>	<b>FIRE FIGHTING MEASURES</b>
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**NFPA RATINGS:**                      **Health: 0**      **Flammability: 1**      **Reactivity: 0**

Flash Point & Method: (630°F)                      (ASTM D-93)

Flammable Limits:    LEL: NA                      UEL: NA

Autoignition Temperature: 679°F

**Fire Fighting Instructions:** Fire fighters should wear self contained positive-pressure breathing apparatus.

**Fire Fighting Equipment:** Water, synthetic foam, dry chemical, CO<sub>2</sub>. Type BC or ABC

**Hazardous Combustion Products:** Smoke, fumes and oxides of carbon.

**PROTECTION OF FIRE FIGHTERS:**

**Fire Fighting Instructions:** This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

**Combustion Products:** Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion. Combustion may form: Carbon Oxides

<b>Section 6.</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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**Land spill:** Spilled material is slippery. Recover liquid for reprocessing or disposal. Contain spill to prevent release into environment.

**Water spill:** Contain using Peat or some other form of hydrocarbon absorbent. Use a hydrophobic material.

<b>Section 7.</b>	<b>HANDLING AND STORAGE</b>
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**Handling:** Normal precautions should be preserved as with the handling of all chemicals. Wash thoroughly after handling. Launder contaminated clothing/equipment before reuse.

**Storage Temperatures:** Ambient (40° - 95° F)

**Storage Pressure:** Atmospheric – Keep away from heat.

Keep container closed when not in use. Store in cool, well ventilated place out of direct sunlight and away from incompatible materials. (See STABILITY AND REACTIVITY Section 10). Follow all MSD sheet and Label warnings even after container is emptied.

<b>Section 8.</b>	<b>EXPOSURE CONTROL / PERSONAL PROTECTION</b>
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**Engineering Controls:** Local Exhaust ventilation acceptable.

**Personal Protection:** Respirator: Not Required unless exposure is greater than applicable exposure limits

**Hand Protection:** Gloves Recommended: Solvex, Neoprene, Butyl, Buna or Natural Latex are acceptable

**Eye Protection:** Safety Glasses

<b>Section 9.</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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Density	(.92)
pH	N/A
Boiling Point	680°F
Freezing Point	<50°F
% Solids	N/A
Evaporation Rate (H <sub>2</sub> O=1)	slower than ether
Vapor Density	N/A
Solubility in Water	Insoluble
Viscosity	60 cps @ 60°F
Molecular Weight	NA (mixture)
Physical State	Liquid
Non-Exempt VOC (g/l)	N/A
Appearance:	Clear/Amber Liquid
Odor	Very Low
Flash Point	(630°F)

<b>Section 10.</b>	<b>STABILITY AND REACTIVITY</b>
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**General:** Stable under normal conditions.

**Incompatible Materials:** None  
**Conditions to Avoid:** None  
**Hazardous Decomposition:** None  
**Hazardous Polymerization:** Will not occur

<b>Section 11.</b>	<b>TOXICOLOGY INFORMATION</b>
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**Eye Contact:**

Rabbit	Draize	Nonirritating
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**Skin Contact:**

Rabbit	Nonirritating
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**Ingestion:**

LD50 rat >_ 2000mg/kg	Relatively harmless
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**Chronic**

A multigeneration study in rats has shown that repeated

**Reproductive toxicity/  
 teratogenicity**

high doses produce no adverse reproductive effects.

**Mutagenicity:**

There is no evidence of a mutagenic potential. Ames Test: Negative.

**Toxicologically synergistic products**

None known.

<b>Section 12.</b>	<b>ECOLOGICAL INFORMATION</b>
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**Environmental Fate:**

When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, 70% or more of this material is expected to have a half-life of less than 1 day. When released into the soil, 70% or of this material is expected to readily biodegrade. When released into the soil, this material is expected to have a half-life of less than 1 day. When released into water, 70% or more of this material is expected to readily biodegrade. When released into the water, 70% or more of this material is expected to have a half-life between 1 and 10 days. When released into water, 70% of this material may evaporate to a moderate extent.

This material has a log octanol-water partition coefficient of greater than 3.0. This material has an estimated bioconcentration factor (BCF) of greater than 100.

<b>Section 13.</b>	<b>DISPOSAL CONSIDERATIONS</b>
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RCRA 40 CFR 261 Classifications:

As packaged, if this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C and is not listed in Subpart D. Federal, State, and Local laws governing disposal of material can differ.

Ensure proper disposal compliance with proper authorities before disposal. Never reuse container.

<b>Characteristic Wastes:</b>	<b>Ignitability</b>	Not Applicable
	<b>Corrosivity</b>	Not Applicable
	<b>Reactivity</b>	Not Applicable
	<b>Toxicity</b>	Not Applicable

<b>Section 14.</b>	<b>TRANSPORTATION INFORMATION</b>
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**US DOT**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION

**ICAO / IATA**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION

**IMO / IMDG**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION

**RID / ADR**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION

**TDG** (Transportation as Dangerous Goods) NOT REGULATED

<b>Section 15.</b>	<b>REGULATORY INFORMATION</b>
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**The following components of this material are found on the regulatory lists indicated.**

Isoalkanes 13-16 4

**WHMIS CLASSIFICATION:**

This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

**CHEMICAL INVENTORY LISTINGS:**

<b>AUSTRALIA</b>	Compliant
<b>CANADA</b>	Compliant
<b>CHINA</b>	Compliant
<b>EUROPEAN UNION</b>	Compliant
<b>JAPAN</b>	Compliant
<b>KOREA</b>	Compliant
<b>PHILIPPINES</b>	Compliant
<b>UNITED STATES</b>	Compliant

**OSHA Hazard Communication Standard, 29 CFR 1910.1200, Hazard Summary:**

<b>Health Hazards</b>	Irritant (eye)
<b>Physical Hazards</b>	None

**WHMIS Classification** Noncontrolled (Nonhazardous).

**CERCLA and SARA Regulations (40 CFR 355, 370, and 372):** No 313-listed chemicals in this product.

**This material contains the following chemicals subject to the reporting requirements of SARA 313:**

**SARA 311/312 Hazard Categories:**

<b>Immediate</b>	Y
<b>Delayed</b>	N
<b>Fire</b>	N
<b>Pressure</b>	N
<b>Reactivity</b>	N

<b>Sections 16. OTHER INFORMATION</b>
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We assigned NFPA ratings and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product MSDS.

**NFPA HAZARD RATING:**

(1) Fire (0) Health (0) Reactivity

**HMIS RATING:**

(1) Fire (0) Health (0) Reactivity

The HMIS ratings displayed above are from the HMIS III Third Edition. There have been significant changes made to the system. "Physical hazard" stands for physical hazard as defined in the OSHA Hazard Communication Standard and replaces the former code for reactivity.

REVISION DATES, SECTIONS, REVISED BY:  
March 3, 2010