



AMERICAN CHEMICAL TECHNOLOGIES, INC.

SAFETY DATA SHEET

This SDS conforms to the GHS, ISO 11014-1, and ANSI Z400.1

This SDS complies with 29 CFR 1910.1200

Issue Date: 2016-11-29

Prepared according to EU Directive 1907/2006/EC and 1272/2008/EC

Print Date: 2016-11-29

Prepared according to JIS Z 7252-2009

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: DuraLife EAL-2

Product Code: DLEAL-2

Product Type: Thickened synthetic and vegetable oil

Recommended Use: Lubricating grease

Manufacturer/Supplier:

American Chemical Technologies, Inc.
485 E. Van Riper Road; Fowlerville, MI 48836
Office: 517-223-0300 Fax: 517-223-1703

Emergency Spill Information:

INFOTRAC 1-800-535-5053 (US & Canada)
INFOTRAC 1-352-323-3500 (International)
24 HOURS/DAY, 7 DAYS/WEEK

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification: This product does not require any hazard warning on the label in accordance with GHS criteria.

Signal word: NONE

Hazard Statements: None

Precautionary Statements: P210, P262, P264, P273, P302+352, P305+351+338, P340, P301+330+331, P313, P378, P391, P374, P280, P403+235

Handling: Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

First Aid:

Eye: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

Skin: IF ON SKIN: Wash with plenty of water and soap.

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

Fire: Use dry chemical, carbon dioxide, foam, steam, or water fog to extinguish.

Spill or Leak: Collect spillage. Avoid release to the environment.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms :

This product is a mixture.

<u>Component</u>	<u>CAS#</u>	<u>EC#</u>	<u>Range % by wt.</u>
Lubricating greases	74869-21-9	278-011-7	99% - 100%

SECTION 4 – FIRST AID MEASURES

Eye: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

Skin: IF ON SKIN: Wash with plenty of water and soap.

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

Symptoms/effects: No information available.

Special treatment: Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use dry chemical, carbon dioxide, foam, steam, or water fog to extinguish.

Unsuitable Extinguishing Media: No information available.

Specific Hazards: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hazardous Combustion Products: None in particular.

Fire Fighting Equipment: Fight fire with normal precautions from a reasonable distance.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear suitable protective clothing and gloves. Avoid contact with the skin and eyes.

Environmental precautions: Avoid release to the environment.

Methods and materials for cleanup: Collect spillage.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

Conditions for safe storage: Store in a well ventilated place. Keep cool.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: None.

Engineering Controls: Ensure adequate ventilation especially in confined areas.

Protective Equipment: Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Pale pink semifluid	
Odor	: Rapeseed oil	
Odor Threshold	: Not determined	
pH	: ~7	Method: ASTM D1293
Melting Point / Freezing Point	: >232 °C (>450 °F)	
Initial Boiling Point	: >260 °C (>500 °F)	
Flash Point	: >221 °C (>430 °F)	Method: ASTM D92
Evaporation Rate	: Not determined	
Flammability	: Not flammable	
Upper/Lower Explosive Limits	: Not determined	
Vapor Pressure	: Not determined	Method: ASTM D5482
Vapor Density	: Not determined	
Specific Gravity (15 °C / 4 °C)	: 0.951	Method: ASTM D4052
Solubility in Water	: Nil	
Partition Coefficient	: Not determined	Method: ASTM E1147
Autoignition Temperature	: Not determined	Method: ASTM E659
Decomposition Temperature	: Not determined	Method: ASTM E2550
Viscosity	: Not determined	Method: ASTM D445

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable.

Hazardous Reactions: None.

Conditions to Avoid: Keep away from extreme heat.

Materials to Avoid: Strong oxidizers and water

Hazardous Decomposition Products: None identified.

SECTION 11 – TOXICOLOGICAL INFORMATION

- ACUTE EXPOSURE -

Dermal	No data available to indicate product or components may be a dermal toxicity or sensitization hazard.
Inhalation	No data available to indicate product or components may be an inhalation toxicity or sensitization hazard.
Ingestion	LD ₅₀ in rats is 2280 mg/kg. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

-- CHRONIC EXPOSURE --

Eye	Prolonged or repeated contact may cause eye irritation.
Dermal	Repeated exposure may cause skin dryness or irritation.
Carcinogenicity	No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive	No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.
Teratogenicity	No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

SECTION 12 – ECOLOGICAL INFORMATION

-- ENVIRONMENTAL TOXICITY --

Fish Toxicity: LC₅₀ ≥ 2000 mg/L (Salmo gairdneri, 96 Hr., OECD 203)

Invertebrate Toxicity: LC₅₀ = 247.2 mg/L

Vascular Plant Toxicity: Not determined.

Algae Toxicity: LC₅₀ ≥ 1001 mg/L

Bacteria Toxicity: Not determined.

-- ENVIRONMENTAL FATE --

Persistence and Degradability: Readily biodegradable.

Bioaccumulative Potential: Not determined.

Mobility in Soil: Not determined.

Other Adverse Effects: None identified.

Water Hazard Class: WGK = 1 – Low Hazard to waters

SECTION 13 – DISPOSAL INFORMATION

Do not empty into drains; dispose of this material and its container as non-hazardous waste.

This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. This material, if discarded, should be considered a European non-hazardous waste in accordance with Directive 91/689/EC.

European Waste Catalog Code (EWC-code): 07 06 99

SECTION 14 – TRANSPORTATION INFORMATION

UN Number	Not regulated.
UN Proper Shipping Name:	Not regulated.
Transport Hazard Class	Not regulated.
Package Group	Not regulated.
Marine Pollutant	No
Special Precautions	None

SECTION 15 – REGULATORY INFORMATION

-- Global International Chemical Inventories --

USA	All components of this material are on the US TSCA Inventory or are exempt.
EEC	All components are in compliance with the EC 7 th Amendment Directive 92/32/EEC.
Canada	All components of this material are DSL listed or are exempt.

-- Chemical Substance Control Laws --

EPA 550-B-01-003 This product does not contain greater than 1.0% of any chemical substances (0.1% for carcinogens) listed on the Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-To-Know Act (EPCRA) and Clean Air Act Section 112(r): EPCRA Section 302 Extremely Hazardous Substances, CERCLA Hazardous Substances, EPCRA Section 313 Toxic Chemicals, CAA 112(r) Regulated Chemicals For Accidental Release Prevention.

SARA 311 Classifications

Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No
Immediate (Acute) Hazard	No
Delayed (Chronic) Hazard	No

-- Right-to-Know Regulations --

Cal. Prop. 65 This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, American Chemical Technologies does not routinely analyze its products for impurities which may be such chemicals.

-- Other / International --

Harmonized Tariff Schedule Number 2710.19.3500

SECTION 16 – OTHER INFORMATION

Revision Note: CLP Compliance

NFPA Code: (Health: 1) (Flammability: 1) (Reactivity: 0)

Prepared By: David J. Patterson

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The information provided herein is believed to be accurate to the best of the company's knowledge as of the date of its issue. We do not warrant or guarantee the information provided and will not be held liable for any loss or damage from its use.

Date Translated: 2016-11-29

This SDS originated in English. Context errors associated with the translation to other languages are avoided to the best of our ability. If the translation is unclear, please reference the English version.