



SAFETY DATA SHEET

BAL-100, BAL-200, BAL-600

1. IDENTIFICATION

Product Name	BAL-100, BAL-200, BAL-600
Recommended use of the chemical and restrictions on use	
Identified uses	Bearing assembly lubricant
Restrictions on use	For industrial use only
Company Identification	C&C Oil Company 1591 Big Shanty Road Kennesaw, GA 30144
Customer Information Number	770-424-4093
Emergency Telephone Number	770-424-4093
Issue Date	December 21, 2015
Supersedes Date	October 18, 2012

Safety Data Sheet prepared in accordance with OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2. HAZARD IDENTIFICATION

Hazard Classification

This product is classified as not hazardous in accordance with the Globally Harmonized System of Classification and Labelling (GHS).

Label Elements

Hazard Symbols
None

Signal Word: None

Hazard Statements

None

Precautionary Statements

Prevention

None

Response

None

Storage

None

Disposal

None

Other Hazards

Contact with hot material may cause thermal burns.

2. HAZARD IDENTIFICATION

Specific Concentration Limits

The values listed below represent the percentages of ingredients of unknown toxicity.

Acute oral toxicity	0%
Acute dermal toxicity	0%
Acute inhalation toxicity	>90%
Acute aquatic toxicity	0%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms:

This product is a substance.

Component	CAS Number	Concentration
Synthetic Polymer	Proprietary	>90%

4. FIRST AID MEASURES

Description of necessary first-aid measures**Eyes**

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

Wash skin thoroughly with soap and water. Obtain medical attention if redness persists.

Ingestion

Obtain medical attention immediately.

Inhalation

Remove person to fresh air. Seek medical attention if symptoms persist.

Most important symptoms/effects, acute and delayed

Aside from the information found under Description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.

Indication of immediate medical attention and special treatment needed**Notes to Physicians**

Treat symptomatically.

5. FIRE - FIGHTING MEASURES

Suitable Extinguishing Media

Water spray, carbon dioxide and dry chemical.

Specific hazards arising from the chemical

May depolymerize at >200°C and produce extremely flammable butane monomers. Vapors can accumulate in low areas or travel a considerable distance to a source of ignition and flashback. Flashback can occur if air temperature exceeds flash point. Be aware of possibility of re-ignition.

Special Protective Actions for Fire-Fighters

Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing.

Environmental Precautions

Prevent the material from entering drains or watercourses.

Methods and materials for containment and cleaning up

Wipe up and transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Use in well ventilated area. Avoid contact with eyes, skin and clothing. Wear appropriate protective clothing.

Conditions for safe storage

Storage area should be: cool - dry - well ventilated - out of direct sunlight - away from sources of ignition (heat, sparks, flames, pilot lights) - away from incompatible materials (see Section 10)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist.

Synthetic polymer

None established.

Appropriate engineering controls

Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

Individual protection measures**Respiratory Protection**

Wear respiratory protection if there is a risk of exposure. A NIOSH approved full face respirator equipped with an organic cartridge may be worn. However, the specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator.

Hand Protection

Nitrile or chemical resistant gloves

Eye Protection

Safety glasses.

Body Protection

Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State Liquid

Color Clear

Odor Characteristic

Odor Threshold No data available

pH Not applicable

Relative density 0.879- 0.906

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range/Point (°C/F)	Not applicable
Melting Point (°C/F)	No data available
Flash Point (PMCC) (°C/F)	125-165°C /257-329°F
Vapor Pressure	Not applicable
Evaporation Rate (BuAc=1)	Not applicable
Solubility in Water	Insoluble
Vapor Density (Air = 1)	Not applicable
VOC (%)	No data available
Partition coefficient (n-octanol/water)	Not applicable
Viscosity (kinematic)	70 – 2700 mm ² /s (70-2700cSt)
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Upper explosive limit	No data available
Lower explosive limit	No data available
Flammability (solid, gas)	No data available

10. STABILITY AND REACTIVITY

Reactivity

No known reactivity.

Chemical Stability

Stable under normal conditions of use and storage.

Possibility of hazardous reactions

May depolymerize at >200°C and produce extremely flammable butane monomers.

Conditions to Avoid

Prolonged exposure to temperatures above 60°C in the presence of air

Incompatible Materials

Strong oxidizers – acidic clays at >100°C

Hazardous Decomposition Products

Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Synthetic Polymer

Oral LD50 (rat) >34,600 mg/kg.

Dermal LD50 (rabbit) >10,250 mg/kg

Specific Target Organ Toxicity (STOT) – single exposure

Available data indicates this product is not expected to cause target organ effects after a single exposure.

Specific Target Organ Toxicity (STOT) – repeat exposure

Available data indicates this product is not expected to cause target organ effects after a repeated exposures.

11. TOXICOLOGICAL INFORMATION

Serious Eye damage/Irritation

Available data indicates this product is not expected to cause eye irritation. Contact with heated material can cause thermal burns.

Skin Corrosion/Irritation

Available data indicates this product is not expected to cause skin irritation. Contact with heated material can cause thermal burns.

Respiratory or Skin Sensitization

No relevant studies identified.

Carcinogenicity

Not considered carcinogenic by NTP, IARC, and OSHA.

Germ Cell Mutagenicity

Available data indicates this product is not expected to be mutagenic.

Toxicity to Reproduction

Available data indicates this product is not expected to cause reproductive toxicity or birth defects.

Aspiration Hazards

Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Synthetic Polymer

LC50 Fish, >1000 mg/l 96h (similar material)

EC50 Daphnia, >1000 mg/l 48h (similar material)

Mobility in soil

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bioaccumulative Potential

No relevant studies identified.

Other adverse effects

No relevant studies identified.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

DOT CFR 172.101 Data	Not Regulated.
UN Proper Shipping Name	Not Regulated.
UN Class	None
UN Number	None

14. TRANSPORT INFORMATION

UN Packaging Group	None
Classification for Water Transport IMDG	Consult current IMDG Regulations prior to shipping by water.
Classification for AIR Transportation (IATA)	Consult current IATA Regulations prior to shipping by air.

15. REGULATORY INFORMATION

United States TSCA Inventory

All components of this product are in compliance or are exempt from inventory listing requirements of the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Canada DSL Inventory

All ingredients in this product have been verified for inclusion on the Domestic Substance List (DSL).

California Proposition 65

This product does not contain any materials which the State of California has found to cause cancer, birth defects or other reproductive harm.

SARA Title III Sect. 311/312 Categorization

None

SARA Title III Sect. 313

This product does not contain any chemicals that are listed in Section 313 at or above de minimis concentrations.

16. OTHER INFORMATION

Abbreviations

N/A: Denotes no applicable information found or available
CAS#: Chemical Abstracts Service Number
ACGIH: American Conference of Governmental Industrial Hygienists
ECHA: European Chemicals Agency
OSHA: Occupational Safety and Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
IARC: International Agency for Research on Cancer
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%
BOD: Biological Oxygen Demand
KoC: Soil Organic Carbon Partition Coefficient
STEL: Short Term Exposure Limit
NTP: National Toxicology Program

Revision Date: December 21, 2015

Replaces: October 18, 2012

Changes made: Updated to GHS classification.

For further information email:

info@ccoilco.com

Information Source and References

This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

16. OTHER INFORMATION

Prepared By:

EnviroNet LLC.

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