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SAFETY DATA SHEET

Product : **Bio-DDR**

Date Prepared : May 29th, 2017

Section 1 - Product and Company Identification

Product Name/Identifier: Bio-DDR
Other name / Synonym :
Company Information : Robco Inc.
Address : 7200 St.Patrick, LaSalle QC Canada H8N 2W7
Telephone : 514-367-2252
Email : info@robco.com
Website : www.robco.com

Section 2 - Hazards identification

Classification

OSHA Regulatory Status :
This chemical is not classified under the Globally Harmonized System

Label Elements

Appearance : Opaque Green
Physical State : Semi Solid
Odor : Bland vegetable odour

Hazards not otherwise classified (HNOC)

None known

Other Information

None known.

Unknown acute toxicity

1E-08% of the mixture consists of ingredient(s) of unknown toxicity

Section 3 - Composition/information on ingredients

This product does not contain any hazardous ingredients as defined under 29 CFR 1910.1200.

Section 4 - First aid measures

General advice:

Show this safety data sheet to the doctor in attendance. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Wash off with soap and water. If symptoms persist, call a physician

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Skin contact:

Remove and wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water.

Ingestion:

If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person

Inhalation:

Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

Note to physician:

Treat symptomatically.

Medical condition aggravated by exposure:

Dermatitis.

Section 5 - Firefighting measures**Suitable extinguishing media:**

Use dry chemical, CO₂, water spray or `alcohol` foam.

Specific hazards:

Do not allow material to contaminate ground water system.

Special protective equipment for fire-fighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Specific methods:

Water mist may be used to cool closed containers

Section 6 - Accidental release measures**Personal precautions:**

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not breathe vapour/dust. Use personal protective equipment. Wash thoroughly after handling.

Environmental precautions:

Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

Section 7 - Handling and storage**Handling****Technical measures/precautions:**

Provide sufficient air exchange and/or exhaust in work rooms.

Safe handling advice:

In case of insufficient ventilation, wear suitable respiratory equipment. Do not

breathe vapors or spray mist. Wear personal protective equipment. Avoid contact with skin and eyes. Wash thoroughly after handling.

Storage

Technical measures/storage conditions:

Store at room temperature in the original container.

Incompatible products:

Strong oxidizing agents

Safe storage temperature:

5 - 35 °C

Shelf life:

2 years

Section 8 - Exposure controls/personal protection

Engineering measures:

Ensure adequate ventilation

Personal Protective Equipment:

General:

Eye Wash and Safety Shower

Respiratory protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, a NIOSH-certified respirator with organic vapor/P100 filter should be worn.

Eye protection:

Safety glasses with side-shields

Hand protection:

Recommended: neoprene, latex, nitrile, butyl rubber and polyethylene type

Skin and body protection:

Long sleeved clothing

Hygiene measures:

Avoid contact with skin, eyes and clothing.

Section 9 - Physical and chemical properties

Appearance (physical state, color, etc.)	Semi-solid / green
Odor	Bland vegetable odour
Odor Threshold	No information available
pH concentrate:	Not applicable.
pH Dilution	No information available
Melting Point/Freezing Point	No information available
Initial Boiling Point	No information available
Flash Point	338 °C / 640 °F
Evaporation Rate	No information available
Flammability	No information available
Upper/Lower Flammability or Explosive Limits	No information available
Vapor Pressure	No information available



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Vapor Density	No information available
Specific Gravity (g/cc, 15 C)	0.92
Bulk Density (lb/gal, 15 C)	7.67
Water Solubility	Insoluble
Solubility in other solvents	No information available
Partition Coefficient	No information available
Auto-ignition Temperature	No information available
Decomposition Temperature	No information available
Kinematic viscosity	42.7 mm ² /s @ 40 C
Dynamic viscosity	No information available
Molecular Weight	No information available

Section 10 - Stability and reactivity

Stability:

Stable under recommended storage conditions.

Conditions to avoid:

None known.

Materials to avoid:

Strong oxidizing agents.

Hazardous decomposition products:

Carbon oxides. Oxides of phosphorus. Nitrogen oxides (nox). Smoke.

Hazardous Polymerization:

Not applicable.

Section 11 - Toxicological Information

No toxicological information is available on the product. Data obtained on components are summarized below.

Information on likely routes of exposure**Inhalation**

May cause irritation of respiratory tract.

Eye Contact

Contact with eyes may cause irritation.

Skin Contact

Prolonged contact may cause redness and irritation.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Carcinogenicity**

Contains no ingredients above reportable quantities listed as a carcinogen

Sensitization

No information available.

Mutagenic effects:

No information available.

Reproductive Toxicity

No information available.

Developmental Toxicity

No information available.

Teratogenic

No information available.

Specific target organ systemic toxicity (single exposure)

No information available.

Specific target organ systemic toxicity (repeated exposure)

No information available.

Aspiration hazard

No information available.

Section 12 - Ecological information

0.10332% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility:

No data available

Ozone:

No data available

Section 13 - Disposal considerations**Waste from residues/unused products:**

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

Contaminated packaging:

Do not re-use empty containers

Methods for cleaning up:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust) Sweep up and shovel into suitable containers for disposal

Section 14 - Transport information**U. S. DEPARTMENT OF TRANSPORTATION:**

Proper shipping name: Not Regulated

TDG (CANADA):

Proper shipping name: Not Regulated



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IMDG/IMO:

Proper shipping name: Not Regulated

IATA/ICAO:

Proper shipping name: Not Regulated

Section 15 - Regulatory information

Federal Regulations**OSHA Hazard Communication Standard:**

This product is considered non-hazardous under the OSHA Hazard Communication Standard.

CERCLA/SARA Information:**SARA (311, 312) hazard class:**

This product possesses the following SARA Hazard Categories:

Immediate Health (Acute): No

Delayed Health (Chronic): No

Flammability: No

Pressure: No

Reactivity: No

Clean Air and Clean Water Acts:**U.S. STATE REGULATIONS (RTK):**

California Proposition 65 Status: No components are listed

RCRA Status: Not regulated

INVENTORY STATUS:

United States TSCA Inventory: This product complies with TSCA

Canada DSL/NDL Inventory List: This product complies with DSL

Section 16 - Other information

Sources of key data used to compile the data sheet:

Material safety data sheets of the ingredients.

Prepared by:

Safety, Health and Environmental Department

Revision Date:

04/11/2016

Reason for revision:

New modification.

Personal protection recommendations should be reviewed by purchasers.

Workplace conditions are important factors in specifying adequate protection.

Disclaimer :

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, storage, transportation and release and is not considered a warranty or quality specification. The responsibility for the compliance with existing law and regulations lies with the receiver of the product.