

Safety Data Sheet

Irgalite® Rubine 4BGL

Revision date : 16.09.2010

Page: 1/10

Version: 1.2

(30480610/SDU_GEN_CA/EN)

1. Product and Company Identification

Company

BASF Canada Inc.
100 Milverton Drive
Mississauga, ON L5R 4H1, CANADA

24 Hour Emergency Response Information

CANUTEC (reverse charges): (613) 996-6666
BASF HOTLINE: (800) 454-COPE (2673)

Chemical family: organic pigment

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Signal Word: CAUTION!
Physical Form: Solid
Color: Red
Odor: Odorless
Health: Skin and respiratory sensitizer. This product is a skin and eye irritant. Avoid contact..
Physical Hazards: Refer to MSDS Section 7 for Dust Explosion information. .
Environmental: Toxicity is expected to be low based on the insolubility of product in water.

WHMIS Designation: This product is WHMIS controlled.

Potential Health Effects: May cause eye and skin irritation. May cause skin sensitization which may be seen as redness or inflammation. A component of this product may cause asthma

Primary Route(s) of Entry: Ingestion, Skin, Inhalation, Eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Components	CAS Number	Weight %
Rosin	8050-09-7	1 - 5
Resin acids and Rosin acids, calcium salts	9007-13-0	1 - 10

NON-HAZARDOUS COMPONENTS

Components	CAS Number	Weight %
------------	------------	----------

Safety Data Sheet

Irgalite® Rubine 4BGL

Revision date : 16.09.2010

Page: 2/10

Version: 1.2

(30480610/SDU_GEN_CA/EN)

2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulphophenyl)azo]-, calcium salt (1:1)	5281-04-9	90 - 97
2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	6417-83-0	1 - 10

4. FIRST AID MEASURES

Eyes: Immediately flush the eye(s) with lukewarm, gently flowing water for 15 minutes or until the chemical is removed. Get immediate medical attention if irritation persists.

Skin: If clothing is contaminated, remove and launder before reuse. Wash off immediately with soap and plenty of water. Get medical attention if irritation occurs.

Inhalation: Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

Ingestion: Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Fire Fighting Measures: Standard procedure for chemical fires.

Suitable Extinguishing Media: Carbon dioxide, dry chemical, foam or water mist.

Fire Fighting Equipment: Wear self-contained breathing apparatus and protective suit.

Unusual hazards: The product can form an explosive dust/air mixture. For further information, see Section 7 Explosion Hazards.

Hazardous Combustion Products: Burning may produce toxic combustion products.

6. ACCIDENTAL RELEASE MEASURES

Cleanup Instructions: Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

Wear suitable protective equipment. Should not be released into the environment.

7. HANDLING AND STORAGE

Handling: As with all industrial chemicals, use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale. Do not taste or swallow. Use only with adequate ventilation.

Storage: Keep containers tightly closed in a cool, well-ventilated place.

Explosion Hazards: - Combustible powder.
- Avoid creating dusty conditions.
- Grounding is required when emptying into a conductive container.
- When flammable solvents are present, the container must be inerted or the system otherwise designed to prevent or contain an explosion. Seek expert advice.

Safety Data Sheet

Irgalite® Rubine 4BGL

Revision date : 16.09.2010
Version: 1.2

Page: 3/10
(30480610/SDU_GEN_CA/EN)

In addition, for products packaged in fused-lined (coated) fiber drums, fiber drums with conductive liners, steel drums, steel pails, and Type "C" FIBC (bulk bags), or other conductive the following instructions also apply:

- Always ground this package before emptying.

The user is responsible for designing the system to handle solid and ensuring proper training of employees in the system's use.

For Industrial Use Only

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

There are no OSHA or ACGIH exposure guidelines available for component(s) in this product.

Personal Protective Equipment

Eye/Face Protection: Wear safety glasses or goggles to protect against dust particles.
Skin Protection: Wear chemical resistant gloves and protective clothing.
Respiratory Protection: Use NIOSH approved respirator as needed to mitigate exposure.
Engineering Controls: Work in well ventilated areas. Do not breathe dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Solid
Color:	Red
Odor:	Odorless.
Freezing/Melting Point:	Not determined
Solubility in water:	Insoluble
Vapor	
Density:	Not applicable
Vapor Pressure:	Not applicable
Density:	Not determined
Specific Gravity:	Not applicable
pH:	6.5 - 8.5
Percent Volatile:	< 0.5
VOC:	0 to nil
Partition Coefficient (Octanol/Water):	Not determined
Decomposition Temperature:	> 200°C (392°F)
Flammability Limits in Air:	
Flash point:	Not applicable
Test Method (for Flash Point):	Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Avoid static discharge.

Incompatibility: Strong oxidizing agents, strong acids, strong bases.

Safety Data Sheet

Irgalite® Rubine 4BGL

Revision date : 16.09.2010
Version: 1.2

Page: 4/10
(30480610/SDU_GEN_CA/EN)

Hazardous Decomposition Products:

No decomposition expected under normal storage conditions.

Possibility of Hazardous Reactions:

None expected.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	(Rats) LD50 > 5,000 mg/kg
6417-83-0 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined.
8050-09-7 Rosin	Not determined.
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined.

Acute Dermal Toxicity:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	Not determined
6417-83-0 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	Not determined
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined

Acute Inhalation Toxicity:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	Not determined.
6417-83-0 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined.
8050-09-7	Not determined.
9007-13-0 Resin acids and Rosin acids, calcium salts	May be irritating to mucous membranes and upper respiratory tract.

Safety Data Sheet

Irgalite® Rubine 4BGL

Revision date : 16.09.2010
Version: 1.2

Page: 5/10
(30480610/SDU_GEN_CA/EN)

Eye Irritation:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	(Rabbits) Slight Irritant.
6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined.
8050-09-7 Rosin	Not determined.
9007-13-0 Resin acids and Rosin acids, calcium salts	(Rabbits) Irritant.

Skin Irritation:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	(Rabbits) Not an irritant.
6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined.
8050-09-7 Rosin	Not determined.
9007-13-0 Resin acids and Rosin acids, calcium salts	(Humans) Irritant.

Skin Sensitization:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	Not determined
6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	Can cause skin sensitization.
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined

Respiratory Sensitization:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	Not determined
--	----------------

Safety Data Sheet

Irgalite® Rubine 4BGL

Revision date : 16.09.2010
Version: 1.2

Page: 6/10
(30480610/SDU_GEN_CA/EN)

6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	May cause asthma
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined

Carcinogenicity (IARC; NTP; OSHA; ACGIH):

None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

Mutagenicity:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfo-phenyl)azo] -, calcium salt (1:1)	Not determined
6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	Not determined
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined

Reproductive Toxicity:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfo-phenyl)azo] -, calcium salt (1:1)	Not determined
6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	Not determined
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined

Teratogenicity:

5281-04-9
2-Naphthalenecarboxylic acid, 3- hydroxy-4-[(4-methyl-2- sulfo-phenyl)azo] -, calcium salt (1:1)

Not determined

Safety Data Sheet

Irgalite® Rubine 4BGL

Revision date : 16.09.2010
Version: 1.2

Page: 7/10
(30480610/SDU_GEN_CA/EN)

6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	Not determined
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined

Neurotoxicity:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	Not determined
6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	Not determined
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined

Subacute Toxicity:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	Not determined
6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	Not determined
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined

Subchronic Toxicity:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	Not determined
6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	Not determined

9007-13-0
Resin acids and Rosin acids, calcium salts

Safety Data Sheet

Irgalite® Rubine 4BGL

Revision date : 16.09.2010
Version: 1.2

Page: 8/10
(30480610/SDU_GEN_CA/EN)

Not determined

Chronic toxicity:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	Not determined
6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	Not determined
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined

Absorption / Distribution /

Excretion / Metabolism: 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	Not determined
6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	Not determined
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined

Additional Information:

5281-04-9 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-2-sulfophenyl)azo] -, calcium salt (1:1)	Not determined
6417-83-0 2-Naphthalenecarboxylic acid,3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	Not determined
8050-09-7 Rosin	Not determined
9007-13-0 Resin acids and Rosin acids, calcium salts	Not determined

12. ECOLOGICAL INFORMATION

Toxicity to Fish:

Not determined

Safety Data Sheet

Irgalite® Rubine 4BGL

Revision date : 16.09.2010
Version: 1.2

Page: 9/10
(30480610/SDU_GEN_CA/EN)

Toxicity to Invertebrates:	Not determined
Toxicity to Algae:	Not determined
Toxicity to Sewage Bacteria:	Not determined
Activated Sludge Respiration Inhibition Test:	Not determined
Biochemical Oxygen Demand (BOD):	Not determined
Chemical Oxygen Demand (COD):	Not determined
Total Oxygen Demand (TOD):	Not determined
Biodegradability:	Not determined
Bioaccumulation:	Not determined
Additional Environmental Data:	Not determined

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose in accordance with local, state, provincial and federal regulations.

14. TRANSPORT INFORMATION

Transportation of Dangerous Goods (TDG):

Not regulated for transport by road or rail.

International Maritime Dangerous Goods (IMDG):

Not regulated for this mode of transport.

International Air Transportation Authority (IATA):

Not regulated for this mode of transport.

15. REGULATORY INFORMATION

Federal Regulations

Workplace Hazardous Materials Information System (WHMIS): D.2.A, D.2.B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Safety Data Sheet

Irgalite® Rubine 4BGL

Revision date : 16.09.2010
Version: 1.2

Page: 10/10
(30480610/SDU_GEN_CA/EN)

Domestic Substance List (DSL) Status: All components either exempt or listed on the DSL.

International Regulations

TSCA Section 8(b) Inventory Status: All component(s) comprising this product are either exempt or listed on the TSCA inventory.

Chemical Weapons Convention (CWC): This product does not contain any component(s) listed under the Chemical Weapons Convention Schedule of Chemicals.

16. OTHER INFORMATION

Contact Information Safety, Regulatory and Environmental: Ginette Rambié (905) 812-7280

Irgalite® Rubine 4BGL is a registered trademark of BASF Canada or BASF SE
Due to the merger of CIBA and BASF Group all Material Safety Data Sheets have been reassessed on the basis of consolidated information. This may have resulted in changes of the Material Safety Data Sheets. In case you have questions concerning such changes please contact us at the address mentioned in Section I.

END OF DATA SHEET