

Safety Data Sheet

Irgazin® Yellow 2RLT

Revision date : 2010/09/16

Page: 1/7

Version: 1.3

(30472825/SDU_GEN_US/EN)

1. Product and Company Identification

Company
BASF CORPORATION
100 Campus Drive
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP

Registrant:

Molecular formula: C₂₂ H₆ Cl₈ N₄ O₂

2. Hazards Identification

Emergency overview

Signal word: NOTICE! !
Colour: yellow
Appearance: powder
State of matter: solid
Odour: odourless
Health: This product has no known adverse effect on human health.
Physical/Chemical hazards: Refer to MSDS Section 7 for Dust Explosion information.

Potential health effects

Primary routes of entry:

Skin, Eyes, Inhalation, Ingestion

Potential environmental effects

The aquatic toxicity of this product has not been fully assessed. Releases to the environment are to be avoided.

3. Composition/Information on Ingredients

This material is classified as not hazardous under OSHA regulations.

4. First-aid Measures

Inhalation:

Safety Data Sheet

Irgazin® Yellow 2RLT

Revision date : 2010/09/16
Version: 1.3

Page: 2/7
(30472825/SDU_GEN_US/EN)

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

Skin:

After contact with skin, wash immediately with plenty of water and soap.
Get medical attention if irritation occurs.

Eyes:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

Suitable extinguishing media:

carbon dioxide, foam, dry powder, water spray

Unsuitable Extinguishing Media:

water jet

Hazardous combustion products:

Burning may produce toxic combustion products., Carbon and nitrogen oxides, hydrogen chloride.

Hazards during fire-fighting:

Standard procedure for chemical fires.

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

Protective equipment for fire-fighting:

Wear self-contained breathing apparatus and chemical-protective clothing.

6. Accidental Release Measures

Cleanup:

Sweep up and shovel into suitable containers for disposal.

Avoid raising dust.

Wear suitable protective equipment.

Should not be released into the environment.

7. Handling and Storage

Handling

General advice:

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. Take precautionary measures against static discharges.

Protection against fire and explosion:

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. In addition, for products packaged in fused-lined (coated) fiber drums, fiber drums with conductive liners, steel drums, steel pails, and Type " C "

Safety Data Sheet

Irgazin® Yellow 2RLT

Revision date : 2010/09/16
Version: 1.3

Page: 3/7
(30472825/SDU_GEN_US/EN)

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.

Storage

General advice:

Keep container tightly closed in a dry, cool and well-ventilated place.
Keep only in the original container.

> for industrial use only <

8. Exposure Controls and Personal Protection

Exposure Guidelines

Engineering Controls:

Work in well ventilated areas. Do not breathe dust.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified respirator as necessary.

Eye protection:

Wear safety goggles (chemical goggles) if there is potential for airborne dust exposures.

Body protection:

Wear chemical resistant gloves and protective clothing.

General safety and hygiene measures:

There are no OSHA or ACGIH exposure guidelines available for component(s) in this product., Eye wash station and safety shower should be available in immediate work area., Keep away from food and drink

9. Physical and Chemical Properties

Colour:	yellow	
Form:	powder	
State of matter:	solid	
Odour:	odourless	
pH value:	5.5 - 8.5	(as suspension)
Evaporation rate:		Not applicable
Flammability:	not highly flammable	
Lower explosion limit:		Not tested
Upper explosion limit:		Not tested
Flash point:		Not applicable
Self-ignition temperature:		Not tested
Dust explosion class:	Weak Dust Explosion. (1)	
Melting point:	> 300 °C	
Boiling point:		Not applicable
Sublimation point:		Not applicable
Vapour pressure:		Not applicable
Density:	1.9 g/cm ³	

Safety Data Sheet

Irgazin® Yellow 2RLT

Revision date : 2010/09/16
Version: 1.3

Page: 4/7
(30472825/SDU_GEN_US/EN)

Relative density:		no data available
Vapour density:		Not applicable
Partitioning coefficient n-octanol/water (log Pow):		Not tested
Viscosity, dynamic:		Not applicable
Viscosity, kinematic:		Not applicable
% Volatiles:	0.5 %	VOC concentration >0, <=3%
Solubility in water:		insoluble
Solubility in other solvents:		Not tested
Autoignition:	> 600 °C	(BAM)

10. Stability and Reactivity

Stability:

Stable

Conditions to avoid: Avoid electro-static discharge.
Avoid sources of ignition.

Substances to avoid: Strong oxidizing agents, strong acids, strong bases.

Possibility of Hazardous Reactions: No hazardous reactions known.

Hazardous decomposition products: No decomposition expected under normal storage conditions.

11. Toxicological Information

Acute oral toxicity:

not determined

Acute inhalation toxicity:

not determined

Acute dermal toxicity:

not determined

Skin irritation:

rabbit:

Eye irritation:

rabbit:

Skin Sensitization:

not determined

Chronic toxicity:

not determined

Subchronic Toxicity:

not determined

Genetic toxicity:

not determined

Carcinogenicity:

Safety Data Sheet

Irgazin® Yellow 2RLT

Revision date : 2010/09/16
Version: 1.3

Page: 5/7
(30472825/SDU_GEN_US/EN)

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

Reproductive toxicity:

not determined

Developmental toxicity/teratogenicity:

not determined

12. Ecological Information

Toxicity to fish:

Not tested

Toxicity to aquatic invertebrates:

Not tested

Toxicity to aquatic plants:

Not tested

Toxicity to microorganisms:

Not tested

Mobility

no data available

Biodegradation:

Evaluation: Barely water soluble product (not tested)

Bioaccumulation:

no data available

Other Adverse Effects:

Adsorbable organically-bound halogen (AOX): 44.2 %

Information on chlorine:

13. Disposal Considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations.

14. Transport Information

U.S. Department of Transportation

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

Road transport:

Special shipping information: Not classified as a dangerous good under transport regulations.

Safety Data Sheet

Irgazin® Yellow 2RLT

Revision date : 2010/09/16
Version: 1.3

Page: 6/7
(30472825/SDU_GEN_US/EN)

Air transport:

Special shipping information: Not classified as a dangerous good under transport regulations.

International Air Transport Association (IATA)

Special shipping information: Not classified as a dangerous good under transport regulations.

International Maritime Dangerous Goods Code (IMDG)

Special shipping information: Not classified as a dangerous good under transport regulations.

15. Regulatory Information

US: Toxic Substances Control Act (TSCA): All component(s) comprising this product are either exempt or listed on the TSCA inventory

Canada: Domestic Substances List (DSL): All components either exempt or listed on the DSL

United States - Regulations

SARA Section 311/312 Hazard Communication Standard:

Acute Health:	N	Fire:	N
Chronic Health:	N	Reactivity:	N
		Sudden release of pressure:	N

SARA Section 313 Toxic Chemical List:

This product does not contain any components reportable under Sec 313 (40 CFR 372).

OSHA hazard category:

This material is classified as not hazardous under OSHA regulations.

Toxic Substances Control Act (TSCA) Significant New Use Rule (SNUR):

This product is not subject to a Significant New Use Rule (SNUR).

Toxic Substances Control Act (TSCA) Section 5(e) Consent Orders:

This product is not subject to a Section 5(e) Consent Order.

Toxic Substances Control Act (TSCA) Section 5(f):

This product is not subject to a Section 5(f)/6(a) rule.

Toxic Substances Control Act (TSCA) Section 12(b) Export Notification:

No components listed.

Clean Air Act - Hazardous Air Pollutants (HAP):

This product does not contain any Hazardous Air Pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

Clean Air Act 602 - Ozone Depleting Substances (ODS):

This product neither contains, nor was manufactured with, a Class I or Class II ozone depleting substance (ODS), as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).

Clean Water Act - Priority Pollutants (PP):

This product does not contain any priority pollutants listed under the U.S. Clean Water Act Section 307(2)(1) Priority Pollutant List (40 CFR 401.15).

Pennsylvania Right to Know:

Safety Data Sheet

Irgazin® Yellow 2RLT

Revision date : 2010/09/16
Version: 1.3

Page: 7/7
(30472825/SDU_GEN_US/EN)

This product does not contain any components that are subject to the Pennsylvania Right-To-Know disclosure requirement.

California Proposition 65 - Chemicals Known to the State to Cause Cancer:

No components listed.

California Proposition 65 - Chemicals Known to the State to Cause Reproductive Toxicity:

No components listed.

International Regulations

Chemical Weapons Convention:

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

16. Other Information

Irgazin® Yellow 2RLT is a registered trademark of BASF Corporation or BASF SE
IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

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