

# Safety data sheet

## BC825 LIGHT MAROON

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Version: 1.0

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(30088099/CDU\_GEN\_US/EN)

### 1. Substance/preparation and company identification

Company

BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

### 2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard;  
29 CFR Part 1910.1200

Classification of the product

Skin corrosion/irritation	2	
Serious eye damage/eye irritation	2A	
Specific target organ toxicity – single exposure	3	Vapours may cause drowsiness and dizziness.
Specific target organ toxicity – repeated exposure	2	Auditory organ
Specific target organ toxicity – single exposure	3	irritating to respiratory system
Flammable liquids	2	

Label elements

Pictogram:

Flame  
Exclamation mark  
Health hazard

Signal Word:

Danger

Hazard Statement:

H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H225 Highly flammable liquid and vapour.  
H373 May cause damage to organs through prolonged

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H336 or repeated exposure.  
May cause drowsiness or dizziness.  
H335 May cause respiratory irritation.

### Precautionary Statements (Prevention):

P261 Avoid breathing  
dust/fume/gas/mist/vapours/spray.  
P260 Do not breathe dust or mist.  
P240 Ground/bond container and receiving  
equipment.  
P233 Keep container tightly closed.  
P243 Take precautionary measures against static  
discharge.  
P241 Use explosion-proof  
electrical/ventilating/lighting/equipment.  
P242 Use only non-sparking tools.  
P271 Use only outdoors or in a well-ventilated  
area.  
P264 Wash with plenty of water and soap thoroughly  
after handling.  
P210 Keep away from heat, hot surfaces, sparks,  
open flames and other ignition sources. No  
smoking.  
P280 Wear protective gloves/protective  
clothing/eye protection/face protection.

### Precautionary Statements (Response):

P314 Get medical advice/attention if you feel  
unwell.  
P337 + P313 If eye irritation persists: Get medical  
advice/attention.  
P304 + P340 IF INHALED: Remove person to fresh air and  
keep comfortable for breathing.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately  
all contaminated clothing. Rinse skin with  
water/shower.  
P332 + P313 If skin irritation occurs: Get medical  
advice/attention.  
P321 Specific treatment (see on this label).  
P362 + P364 Take off contaminated clothing and wash  
before reuse.  
P370 + P378 In case of fire: Use water spray for  
extinction.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and  
water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for  
several minutes. Remove contact lenses, if  
present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER or doctor/physician if  
you feel unwell.

### Precautionary Statements (Storage):

P405 Store locked up.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P403 + P233 Store in a well-ventilated place. Keep  
container tightly closed.

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Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

No applicable information available.

According to Regulation 1994 OSHA Hazard Communication Standard;  
29 CFR Part 1910.1200

Emergency overview

FLAMMABLE LIQUID

HARMFUL IF INHALED

CAN CAUSE CENTRAL NERVOUS SYSTEM DAMAGE

CAN CAUSE LIVER DAMAGE

CAN CAUSE KIDNEY DAMAGE

MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION

SUSPECT CANCER HAZARD

MAY CAUSE PULMONARY EDEMA

INGESTION MAY CAUSE GASTRIC DISTURBANCES

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### 3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard;  
29 CFR Part 1910.1200

CAS Number	Weight %	Chemical name
100-41-4	1.0 - 3.0 %	ethylbenzene
1330-20-7	7.0 - 10.0 %	xylene
67-63-0	3.0 - 5.0 %	isopropyl alcohol
108-10-1	10.0 - 15.0 %	methyl isobutyl ketone
123-86-4	25.0 - 50.0 %	n-butylacetate

According to Regulation 1994 OSHA Hazard Communication Standard;  
29 CFR Part 1910.1200

CAS Number	Weight %	Chemical name
123-86-4	25.0 - 50.0 %	n-butylacetate
108-10-1	10.0 - 15.0 %	methyl isobutyl ketone
1330-20-7	7.0 - 10.0 %	xylene
67-63-0	3.0 - 5.0 %	isopropyl alcohol
100-41-4	1.0 - 3.0 %	ethylbenzene
7727-43-7	1.0 - 3.0 %	barium sulphate

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### 4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety.  
If the patient is likely to become unconscious, place and

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transport in stable sideways position (recovery position).  
Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.  
If breathing difficulties develop, aid in breathing and seek immediate medical attention.

If on skin:

Immediately wash thoroughly with soap and water. Seek medical attention.

If in eyes:

Flush with copious amounts of water for at least 15 minutes.  
Hold eyelids open to facilitate rinsing.  
If irritation develops, seek medical attention.  
Seek medical attention.

If swallowed:

Rinse mouth and then drink plenty of water.  
Do not induce vomiting due to aspiration hazard.  
Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.  
Immediate medical attention is required.

Most important symptoms and effects, both acute and delayed

Symptoms:

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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### 5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

Dry extinguishing media  
Carbon dioxide  
Foam  
Water spray

Unsuitable extinguishing media for safety reasons:  
water jet

Special hazards arising from the substance or mixture

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Hazards during fire-fighting:

Vapors and/or decomposition products are irritants and/or toxic.  
If product is heated above decomposition temperatures, acrid smoke and fumes will be released.

Advice for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Vapors are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition. Flash fire may occur.

Remove product from areas of fire or otherwise cool sealed containers with water in order to avoid pressure build-up due to heat.

Do not flood burning material with water due to potential spreading of fire.

Contain contaminated water/firefighting water.

Run-off water from fire may cause pollution.

Notify proper authorities.

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### 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Extinguish sources of ignition nearby and downwind.

Wear suitable personal protective clothing and equipment.

Ensure adequate ventilation.

Avoid prolonged inhalation.

Avoid contact with skin and eyes.

Use antistatic tools.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities.

Methods and material for containment and cleaning up

Dike spillage.

Place into appropriately labeled waste containers.

Spills should be contained, solidified, and placed in suitable containers for disposal.

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### 7. Handling and Storage

Precautions for safe handling

Ensure adequate ventilation.

Do not puncture, drop or slide containers.

Use static lines when mixing and transferring material.

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Handle and open container with care.  
Avoid contact with the skin, eyes and clothing.  
WARNING: Empty containers may still contain hazardous residue.  
Do not apply to hot surfaces.  
Proper ventilation and respiratory protection is required when sanding, flame cutting, welding or brazing coated surfaces.

Protection against fire and explosion:  
Use antistatic tools.  
Exhaust fans should be explosion proof.  
Provide adequate ventilation to remove solvent vapors from lower levels or work areas and to prevent solvent contact with ignition sources.  
Sealed containers should be protected against heat as this results in pressure build-up.  
Risk of explosion if heated under confinement.  
Avoid all sources of ignition: heat, sparks, or open flame.

Conditions for safe storage, including any incompatibilities  
Segregate from incompatible substances.  
Segregate from oxidizing agents.  
Segregate from strong bases.  
Segregate from strong acids.

Further information on storage conditions:  
Keep container tightly closed.  
Protect from direct sunlight.  
Protect from temperatures above 49C/ 120F.  
Consult local fire marshal for storage requirements.

Storage stability:

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### 8. Exposure Controls and Personal Protection

Components with occupational exposure limits

isopropyl alcohol

ACGIH STEL 400 ppm; TWA 200 ppm

OSHA PEL 400 ppm 980 mg/m3

ethylbenzene

ACGIH STEL 125 ppm; TWA 100 ppm

OSHA PEL 100 ppm 435 mg/m3

methyl isobutyl ketone

ACGIH STEL 75 ppm; TWA 50 ppm

OSHA PEL 100 ppm 410 mg/m3

n-butylacetate

ACGIH STEL 200 ppm; TWA 150 ppm

OSHA PEL 150 ppm 710 mg/m3

xylene

ACGIH STEL 150 ppm; TWA 100 ppm

OSHA PEL 100 ppm 435 mg/m3

barium sulphate

ACGIH TWA 10 mg/m3

OSHA PEL 5 mg/m3 R; PEL 15 mg/m3 T

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R Respirable fraction  
T Total dust

### Advice on system design:

Provide local exhaust ventilation to maintain recommended P.E.L.  
General mechanical ventilation should comply with OSHA 1910.94.

### Personal protective equipment

#### Respiratory protection:

Wear respiratory protection if ventilation is inadequate.  
Wear NIOSH-certified (or equivalent) organic vapor respirator.  
Particulate filters should be added during spray operations.  
Do not exceed the maximum use concentration for the respirator  
facepiece/cartridge combination.  
Observe OSHA regulations for respirator use (29 CFR 1910.134).

#### Hand protection:

Use appropriate chemically resistant gloves as determined by an  
evaluation of glove performance characteristics and the hazards  
and potential hazards identified, including but not limited to  
butyl, natural and synthetic rubber, nitrile, or neoprene.

#### Eye protection:

Tightly fitting safety goggles (chemical goggles).  
Wear face shield if splashing hazard exists.

#### Body protection:

Body protection must be chosen based on activity level and  
exposure.

#### General safety and hygiene measures:

Work place should be equipped with a shower and eye wash.  
Contact lenses should not be worn.  
Remove contaminated clothing.  
Contaminated equipment or clothing should be cleaned after each  
use or disposed of.  
Hands and/or face should be washed before breaks and at the end of  
the shift.

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## 9. Physical and Chemical Properties

Form:	liquid
Odour:	of the solvent contained in the product
Odour threshold:	No applicable information available.
Colour:	maroon
pH value:	No applicable information available.
Melting temperature:	No applicable information available.
Boiling range:	180 - 290 °F / 82.2 - 143.3 °C
Sublimation temperature:	No applicable information available.
Flash point:	63 °F (17.2 °C) (calculated)
Flammability:	No applicable information available.

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Lower explosion limit:	1.0 %(V)
Upper explosion limit:	12.0 %(V)
Autoignition:	No applicable information available.
Vapour pressure:	n.d.a.
Density:	7.84 Lb/USg CALC
Relative density:	0.94
Vapour density:	heavier than air
Partitioning coefficient	
n-octanol/water (log Pow):	No applicable information available.
Thermal decomposition:	No applicable information available.
Viscosity, dynamic:	No applicable information available.
Solids content:	approx. 25 % / 18.0180 %(V)
Viscosity, kinematic:	> 20.60 mm <sup>2</sup> /s
Solubility in water:	No applicable information available.
% volatiles:	approx. 75.0 % / 82.0 %(V)
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Evaporation rate:	No applicable information available.

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### 10. Stability and Reactivity

#### Reactivity

Reactivity:  
No applicable information available.

#### Chemical stability

Chemical stability:  
The product is chemically stable.

#### Possibility of hazardous reactions

Hazardous reactions:  
No applicable information available.

#### Conditions to avoid

Conditions to avoid:  
Avoid all sources of ignition: heat, sparks or open flames.  
Avoid electrostatic discharge.

#### Incompatible materials

Substances to avoid:  
strong bases  
strong oxidizing agents  
strong acids

#### Hazardous decomposition products

Decomposition products:  
carbon monoxide  
carbon dioxide



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Thermal decomposition:  
No applicable information available.

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### 11. Toxicological Information

Primary routes of exposure  
Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Primary routes of entry:  
Solvents are absorbed through the skin.

#### Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity:  
No applicable information available.

Oral

Acute oral toxicity:

Inhalation

Acute inhalation toxicity:

Dermal

Acute dermal toxicity:

Assessment other acute effects

Assessment of STOT single:  
Causes temporary irritation of the respiratory tract.  
Possible narcotic effects (drowsiness or dizziness).

Irritation / corrosion

Assessment of irritating effects:  
Eye contact causes irritation.  
Skin contact causes irritation.

Sensitization

Assessment of sensitization:  
No applicable information available.

Aspiration hazard  
No applicable information available.

Chronic Toxicity/Effects

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Repeated dose toxicity

Assessment of repeated dose toxicity:  
Repeated exposure may affect certain organs.

Genetic toxicity

Assessment of mutagenicity:  
No applicable information available.

Carcinogenicity

Assessment of carcinogenicity:  
No applicable information available.

Reproductive toxicity

Assessment of reproduction toxicity:  
No applicable information available.

Development

Assessment of teratogenicity:  
No applicable information available.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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### 12. Ecological Information

No applicable information available.

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### 13. Disposal Considerations

Waste disposal of substance

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

The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. It is the waste generators responsibility to determine if a particular waste is hazardous under RCRA.

Do not discharge into drains/surface waters/groundwater.

Incinerate or dispose of in a RCRA licensed facility.

Do not incinerate closed containers.

Container disposal

WARNING: Empty containers may still contain hazardous residue. Dispose of in accordance with national, state and local regulations.

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### 14. Transport Information

Land transport  
USDOT

Hazard class: 3  
Packing group: II  
ID-number: UN 1263  
Proper shipping name: Paint

Sea transport  
IMDG

Hazard class: 3  
Packing group: II  
ID-number: UN 1263  
Proper shipping name: Paint

Air transport  
IATA/ICAO

Hazard class: 3  
Packing group: II  
ID-number: UN 1263  
Proper shipping name: Paint

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### 15. Regulatory Information

Federal Regulations

Registration status

TSCA, US released / listed

EPCRA 313

CAS number	Weight %	Chemical name
108-10-1	13.2	methyl isobutyl ketone
1330-20-7	9.8	xylene
67-63-0	4.8	isopropyl alcohol
100-41-4	2.0	ethylbenzene

State regulations

State RTK

CAS Number	Chemical name
123-86-4	n-butylacetate
108-10-1	methyl isobutyl ketone
1330-20-7	xylene
9004-36-8	cellulose acetobutyrate
TSRN 161090809-5240	polyester resin
67-63-0	isopropyl alcohol
100-41-4	ethylbenzene

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7727-43-7

barium sulphate

CA Prop. 65

WARNING: This product contains a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

HMIS III rating

Health: 2<sup>□</sup>

Flammability: 3

Physical hazard: 0

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### 16. Other information

SDS prepared by: BASF NA Product Regulations

SDS prepared on 2015/01/20

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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