

# Safety data sheet

## 003CD2633 DDBSA:DIPA CATALYST

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### 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

Serious eye damage/eye irritation	2A
Specific target organ toxicity - single exposure	3 Vapours may cause drowsiness and dizziness.
Flammable liquids	3

Label elements

Pictogram:

Flame

Exclamation mark

Signal Word:

Warning

Hazard Statement:

H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary Statements (Prevention):

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P240	Ground/bond container and receiving equipment.
P233	Keep container tightly closed.
P243	Take precautionary measures against static discharge.

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P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P264	Wash with plenty of water and soap thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.

### Precautionary Statements (Response):

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.
P370 + P378	In case of fire: Use water spray for extinction.
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.

### Precautionary Statements (Disposal):

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

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
67-63-0	50.0 - 75.0 %	isopropyl alcohol

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

CAS Number	Weight %	Chemical name
67-63-0	50.0 - 75.0 %	isopropyl alcohol

### 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 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

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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

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.

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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.  
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.  
Store protected against freezing.  
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/m<sup>3</sup>

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:  
Respiratory protection may not be required under normal operating conditions if adequate ventilation is provided.  
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:	moderate, solvent-like
Odour threshold:	No applicable information available.
Colour:	light yellow
pH value:	No applicable information available.
Melting temperature:	No applicable information available.

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Boiling range:	not applicable
Sublimation temperature:	No applicable information available.
Flash point:	80 °F (26.7 °C) +/- 3 °F Setaflash Closed Cup (measured)
Flammability:	No applicable information available.
Lower explosion limit:	not available
Upper explosion limit:	not available
Autoignition:	No applicable information available.
Vapour pressure:	not available
Density:	7.33 Lb/USg MEAS
Relative density:	0.88
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.
Viscosity, kinematic:	> 20.60 mm <sup>2</sup> /s
Solubility in water:	No applicable information available.
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Evaporation rate:	No applicable information available.

### 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:

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carbon monoxide

carbon dioxide

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.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: isopropyl alcohol

Assessment of acute toxicity:

High concentrations in the air may cause narcosis.

Of low toxicity after single ingestion.

Oral

Acute oral toxicity:

No applicable information available.

Inhalation

Acute inhalation toxicity:

No applicable information available.

Dermal

Acute dermal toxicity:

No applicable information available.

Assessment other acute effects

Assessment of STOT single:

Possible narcotic effects (drowsiness or dizziness).

Irritation / corrosion

Assessment of irritating effects:

Eye contact causes irritation.

Information on: isopropyl alcohol

Assessment of irritating effects:



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Eye contact causes irritation.

Sensitization

Assessment of sensitization:

No applicable information available.

Aspiration hazard

No applicable information available.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: isopropyl alcohol

Assessment of repeated dose toxicity:

The substance may cause damage to the liver after repeated inhalation of high doses.

May affect the liver as indicated in animal studies.

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

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

Do not reuse containers without commercial reconditioning.

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### 14. Transport Information

Land transport

USDOT

Hazard class: 3

Packing group: III

ID-number: UN 1866

Proper shipping name: Resin Solution

Sea transport

IMDG

Hazard class: 3

Packing group: III

ID-number: UN 1866

Proper shipping name: Resin Solution

Air transport

IATA/ICAO

Hazard class: 3

Packing group: III

ID-number: UN 1866

Proper shipping name: Resin Solution

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### 15. Regulatory Information

Federal Regulations

Registration status

TSCA, US released / listed

EPCRA 313

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CAS number	Weight %	Chemical name
67-63-0	60.0	isopropyl alcohol

State regulations

State RTK

CAS Number	Chemical name
67-63-0	isopropyl alcohol

HMIS III rating

Health: 2½      Flammability: 3      Physical hazard: 0

### 16. Other information

Full disclosure

Chemical name

CAS Number	Content (weight %)
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C10-16 BSA amine salt	
04-0445	30 - 40
isopropyl alcohol	
67-63-0	55 - 65
water	
7732-18-5	1 - 10

SDS prepared by: BASF NA Product Regulations

SDS prepared on 10.12.2015

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