



MATERIALS SAFETY DATA SHEET (MSDS) Cyclobutene (C4H6)	MSDS Number:	
	Version number:	
	Date issued:	
	Page No:	

1. Product Identification

Product Name	Cyclobutene
Synonyms	1-Cyclobutene
CAS No	822-35-5
Recommended Use	For industry use only.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer Supplier	
E-Mail	
Contact Person	Entity 1 Made by India
Emergency Telephone	

2. Hazard(s) identification

Hazard statement(s)	No data available
Signal word	No data available
Pictogram(s)	No data available
Precautionary statement(s)	No data available
Prevention	No data available



Response	No data available
Storage	No data available
Disposal	No data available
Other hazards which do not result in classification	No data available

3. Composition and ingredient information

Chemical name	CAS number	%
Cyclobutene	822-35-5	15

4. First-aid measures

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects	No data available

5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	No data available



Special hazards arising from the substance or mixture	No data available
Advice for firefighters	
Protection during firefighting	Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and material for containment and cleaning up

Methods for Clean-up	Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.
-----------------------------	--

7. Handling and storage

Precautions for safe handling

Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed.
-----------------	--

Conditions for safe storage, including any incompatibilities

Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
----------------	--

8. Exposure Controls/ Personal Protection

Exposure Guidelines



Component	ACGIH TLV	OSHA PEL	NIOSH
Cyclobutene	-	-	-

Legend

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH: NIOSH - National Institute for Occupational Safety and Health

Engineering Measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal Protective Equipment	
Eye/face Protection	Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and body protection	Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Respiratory Protection	Wear dust mask when handling large quantities.

9. Physical and chemical properties

Entity 1 | Made by India

Physical State	No information available
Odor	No information available
Odor Threshold	No information available
pH	No information available
Boiling point or initial boiling point and boiling range	2°C at 760mmHg
Flash Point (CC - Closed Cup)	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity	No information available



Water Solubility	No information available
Solubility in other solvents	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature °C	No information available
Decomposition temperature	No information available
Kinematic Viscosity	No information available
Dynamic Viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available

10. Stability and reactivity

Reactivity	No data available
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	No data available
Incompatible Materials	No data available
Hazardous Decomposition Products	No data available
Possibility of Hazardous Reactions	No data available

11. Toxicological information

Acute Toxicity

Entity 1 | Made by India

Product Information - Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Cyclobutene	No data available	No data available	No data available

Toxicologically Synergistic Products	No information available
Delayed and immediate effects as well as chronic effects from short and long-term exposure	
Irritation	No information available.
Sensitization	No information available.
Carcinogenicity	No information available



Component	CAS No	IARC	NTP	ACGIH	OSHA
Cyclobutene	822-35-5	Not listed	Not listed	Not listed	Not listed

Mutagenic Effects	No information available
Reproductive Effects	No information available.
Developmental Effects	No information available.
Teratogenicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available
Symptoms / effects, both acute and delayed	No information available.
Endocrine Disruptor Information	No information available.
Other Adverse Effects.	The toxicological properties have not been fully investigated.

12. Ecological information

Ecotoxicity

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Cyclobutene	Not listed	Not listed	Not listed	Not listed

Persistence and Degradability	No information available.
Bioaccumulation/ Accumulation	No information available.
Mobility	No information available.

13. Disposal considerations

Waste treatment methods

Product/Packaging disposal recommendations	The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.
---	--



Contaminated packaging	Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.
-------------------------------	--

14. Transport information

DOT	
UN-No	No Data available
Proper Shipping Name	No Data available
Hazard Class	No Data available
Packing Group	No Data available

TDG	
UN-No	No Data available
Proper Shipping Name	No Data available
Hazard Class	No Data available
Packing Group	No Data available

IMDG/IMO	
UN-No	No Data available
Proper Shipping Name	No Data available
Hazard Class	No Data available
Packing Group	No Data available

RID	
UN-No	No Data available
Proper Shipping Name	No Data available
Hazard Class	No Data available
Packing Group	No Data available



15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture	No Data available
Chemical Safety Assessment	No Data available

16. Any other information

History

Product name	
Product code	
Date of printing	
Date of issue/Date of revision	
Date of previous issue	
Version	
Prepared by	

17. Change Details