

Trichloroethylene (CAS 79-01-6) Market Research Report 2024

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Abstracts

Trichloroethylene (CAS 79-01-6) Market Research Report 2024 presents comprehensive data on Trichloroethylene markets globally and regionally (Europe, Asia, North America etc.)

The report includes Trichloroethylene description, covers its application areas and related patterns. It overviews Trichloroethylene market, names Trichloroethylene producers and indicates its suppliers.

Besides, the report provides Trichloroethylene prices in regional markets.

In addition to the above the report determines Trichloroethylene consumers in the market.

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Trichloroethylene (CAS 79-01-6) Market Research Report 2024 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that Trichloroethylene (CAS 79-01-6) Market Research Report 2024 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name:	Trichloroethylene
Synonyms:	1,1,2-Trichloroethene
	3,5,5-Trimethylcyclohex-2-en-1-ol
	Acetylene trichloride
	Ethynyl trichloride
	Ethylene trichloride
	Isophorol
	Trichloroethene
	Trichlorethylen
	Trichloroethylene
CAS#:	79-01-6
Formula:	C_2HCl_3
Molecular Weight:	131.39
Appearance:	Clear, colorless liquid with an ethereal, sweet, chloroform-like odor.
Usage:	Therap cat: anesthetic (inhalation)former use, therap cat (vet): anesthetic (inhalation).

Trichloroethylene (also known as triciene, narcogen, trilene, ethynyl trichloride, threthylen, threthylene, benzinol, etc.) is a chlorinated hydrocarbon with the molecular formula C_2HCl_3 .

Trichloroethylene is an industrially produced chemical, and it does not occur in the environment. The chemical is a clear, colorless or dyed pale blue liquid with a sweet, chloroform-like odor. The odor evaporates easily. The liquid is nonflammable and

volatile. The boiling point of trichloroethylene is 87.2°C.

Trichloroethylene was first produced in the year of 1925 in the USA, and prior to 1977 it was applied as an anesthetic and an inhaled obstetrical analgesic.

Currently, the majority of trichloroethylene is produced from ethylene that is chlorinated over a ferric chloride catalyst to obtain 1,2-dichloroethane. Then, 1,2-dichloroethane is converted to trichloroethylene being heated at the temperature of about 400 °C with the addition of chlorine.

Trichloroethylene has numerous applications, mainly in the chemical, textile, furniture, electrical, automotive industries and other miscellaneous industries. The chemical is extensively utilized as a metal degreaser (over 30% of all trichloroethylene). Besides, trichloroethylene is applied in correction fluid, paint, spot removers, carpet-cleaning fluids, metal cleaners and varnishes production. Moreover, the chemical is a component of some textile manufacturing process. Over 65% of the totally produced trichloroethylene is used for the manufacture of hydrofluorocarbon. The chlorinated hydrocarbon is also used to produce semiconductors.

Trichloroethylene is irritating for skin, eyes, and for digestive, respiratory tracts. Central nervous system effects, abnormal fatigue, irritability, headache, gastric disturbances, and intolerance to alcohol, liver and kidney damage are some of the side effects caused by above normal levels of exposure to trichloroethylene.

Trichloroethylene market is covered in the study Trichloroethylene (CAS 79-01-6) Market Research Report 2023. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks trichloroethylene market situation, names manufacturers, suppliers as well as users. The report also provides current trichloroethylene prices in the market.

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