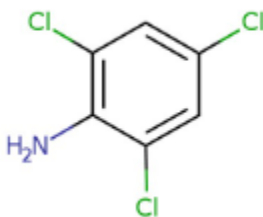


1. General Statement

2,4,6-Trichloroaniline is a solid. crystalline, white in colour aromatic odour. Combustible substance, poorly flammable. Practically insoluble in water. Acute or chronic health hazards result from the substance. The substance is hazardous to the aquatic environment. There is a risk of a dust explosion if the following conditions are met. The substance is given in very finely distributed form (powder, dust), whirled up in sufficient quantity in the air, An ignition source is present (flame, spark, electrostatic discharge, etc.)

2. Chemical identification.

Name : 2,4,6-Trichloroaniline
CAS number(s) : 634-93-5
EC number : 211-219-8
Molecular formula : C₆H₄Cl₃N
Structure :



3. Uses and Benefits

It is used in Chemical intermediate.

4. Physical / chemical properties

Property	Value
Physical state :	Solid
Colour :	white
Odour :	Aromatic odour
pH :	5.86 Temp.: 25 °C
Melting point :	77.46 °C Atm. press.: 1 atm
Boiling point :	263 °C Atm. press.: 101,9 kPa
Flash point :	NDA
Density :	1.69 g/cm ³ at 20 °C
Solubility in Water:	30 mg/L at 20 °C

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5. Health Effects

Effect Assessment	Result
Acute toxicity (Oral / inhalation / dermal)	Toxic if swallowed,
Irritation / corrosion Skin / eye/ respiratory tract	NA
Respiratory or skin sensitisation	May cause an allergic skin reaction
Toxicity after repeated exposure Oral / inhalation / dermal	NA
Genotoxicity / Mutagenicity	NA
Carcinogenicity	NA
Toxicity for reproduction	NA

6. Environmental Effects

Effect Assessment	Result
Aquatic toxicity	Yes
Fate and behavior	Result
Persistence and degradability	Not readily biodegradable in water.
Bioaccumulative potential	High potential for bioaccumulation (BCF > 5000).

7. Exposure

Human health

2,4,6-Trichloroaniline is toxic if swallowed, is very toxic to aquatic life with long lasting effects, is toxic in contact with skin, is toxic if inhaled, is very toxic to aquatic life, may cause damage to organs through prolonged or repeated exposure and may cause an allergic skin reaction. The exposure must be kept as minimum as possible by the use of appropriate risk management measures suitable collective and personal protective equipment, good industrial hygiene practices and risk communication through appropriate training of workers. Careless handling or accidental spillage of the chemical could result in exposure to potentially hazardous levels of chemicals. Industrial workers should ensure that they follow the advice found in the extended safety data sheet (SDS).

Environment

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Care should be taken to avoid releases of these products to sewage, drainage systems and water bodies. Spillage shall be quickly collected in the event of an accidental release. More information about release measures and accidental release measures are available in the extended safety data sheet.

8. Risk Management Recommendations

Human health measures

Organizational	A basic standard of occupational hygiene is recommended. Ensure operatives are well informed of the hazards and trained to minimise exposures. Ensure regular inspection and maintenance of equipment and machines. Handle and store according to the indications of the Safety Data Sheet.	
Protection	Eye protection:	Safety glasses
	Skin and body protection:	Wear suitable protective clothing
	Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
Engineering controls	Ensure good ventilation of the work station.	
Environment protective measures		
Avoid release to the environment		

9. First-aid measures

First-aid measures after inhalation:Remove the person to fresh air and keep them comfortable for breathing.

First-aid measures after skin contact:Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact:Rinse eyes with water as a precaution.

First-aid measures after ingestion :Rinse mouth. Call a poison center or a doctor if you feel unwell.

10. Fire-fighting measures

Extinguishing media

Suitable extinguishing media:Water spray. Dry powder. Foam.

Unsuitable extinguishing media :No information available.

Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire:Toxic fumes may be released.

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Advice for firefighters

Precautionary measures fire :Exposure to fire/heat: keep upwind. Exposure to fire/heat: consider evacuation. Exposure to fire/heat: have neighbourhood close doors and windows.

Firefighting instructions: Dilute toxic gases with water spray. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

11. Accidental release measures

Protective equipment :protective gloves/protective clothing.Wear self-contained breathing apparatus and special tightly sealed suit.

Environmental precautions: Avoid release to the environment.

For containment : Contain released product, collect/pump into suitable containers. Plug the leak, cut off the supply.Dam up the solid spill. Knock down/dilute dust clouds with water spray. Powdered form: no compressed air for pumping over spills.

12. Disposal consideration

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations.

13. Handling and storage

Precautions for safe handling:Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing/dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.

Hygiene measures :Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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14. Classification and Labeling

Hazard pictograms (GHS US)

:



Signal word (GHS US)

: Warning

Hazard statements (GHS US)

: H302 - Harmful if swallowed

H317 - May cause an allergic skin reaction

Precautionary statements (GHS US)

: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 - Wash hands, forearms and face thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P272 - Contaminated work clothing must not be allowed out of the workplace.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.

P302+P352 - If on skin: Wash with plenty of water.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P330 - Rinse mouth.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

15. Conclusion

2,4,6-Trichloroaniline is a solid. crystalline, white in colour aromatic odour. Combustible substance, poorly flammable. Practically insoluble in water. Acute or chronic health hazards result from the substance. The substance is hazardous to the aquatic environment. There is a risk of a dust explosion if the following conditions are met. The substance is given in very finely distributed form (powder, dust), whirled up in sufficient quantity in the air, An ignition source is present (flame, spark, electrostatic discharge, etc.) The substance can react dangerously with: strong oxidizing agents, acids, chloroformic acid esters, acid anhydrides, acid chlorides. Care should be taken to avoid releases of these products to sewage, drainage systems and water bodies. The exposure must be kept as minimum as possible by the use of appropriate risk management measures as suitable collective and personal protective equipment, good industrial hygiene practices and risk communication through appropriate training of workers.

16. Contact Information within company

Manufacturer

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This GPS safety summary is intended to give general information about the health, safety and environment and not intended to provide in-depth details. To obtain the most accurate and current

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information, consult the appropriate Safety Data Sheet (SDS) prior to use of the material named herein.