# Acido triclorofenossiacetico e esteri

Ultimo aggiornamento
17/02/2026

| CODICE CAS | NUMERO EINECS | CLASSE IARC |
|---|---|---|
| 93-76-5 | 202-273-3 | 2B |
| **FORMULA BRUTA** | **FAMIGLIA CHIMICA** | **CLASSIFICAZIONE CLP** |
| C8H5Cl3O3 | Acidi organici | dati ECHA |

## Sinonimi

Chipman brush killer 76 (isooctyl esters of 2,4-d and 2,4,5-t); Chipman low volatile brush killer no. 2 (isooctyl esters of 2,4-d and 2,4,5-t); Acido(2,4,5-tricloro-fenossi)-acetico; N-butyl(2,4,5-trichlorophenoxy)acetate; N-butylester kyselini 2,4,5-trichlorfenoxyoctove; 2,4,5-t, triethylamine salt; (2,4,5-trichlor-phenoxy)-essigsaevre; 2,4,5-trichlorophenoxyacetic acid; (2,4,5-trichloor-fenoxy)-azunzuur; 2,4,5-t, oleic-1,3-propylenediamine salt; 2,4,5-t, isooctyl esters; 2,4,5-t-dimethylamine salt; 2,4,5-t, butyl ester; 2,4,5-t, butoxyethanol ester; (2,4,5-trichlorophenoxy)acetic acid; Emulsavert 248 (2,4-d + 2,4,5-t + n,n-dimethyloleylamine salts of 2,4-d and2,4,5-t); Emulsavert 100 (2,4-d + 2,4,5-t + n,n-dimethyloleylamine salts of 2,4-d and 2,4,5-t); Emulsamine 2,4,5-t (dodecyl- and tetradecylamine salts of 2,4,5-t); Envert-dt (butoxyethanol esters of 2,4-d and 2,4,5-t); Envert-t (butoxyethanol ester of 2,4,5-t); Emulsamine brush killer (dodecyl- and tetradecylamine salts of 2,4-d and 2,4,5-t); Estercide t-2 (2,4,5-t, form unspecified); Estercide t-245 (2,4,5-t, form unspecified); Dow 2,4,5-t amine weed killer (triethylamine salt of 2,4,5-t); Esteron 245 (propylene and polypropylene butyl ether esters of 2,4,5-t); Esteron 245 (old formulation) (isopropyl and mixed amyl esters of 2,4,5-t); Balcom's t-d special weed killer (isooctyl esters of 2,4-d and 2,4,5-t); Dow brush killer x (isooctyl esters of 2,4-d and 2,4,5-t); Dow brush killer tx (butoxypropyl esters of 2,4,5-t); Esteron brush killer (propylene glycol butyl ether esters of 2,4-d and 2,4,5-t); Dow brush killer 50-50 (butyl esters of 2,4-d and 2,4,5-t); Esteron brush killer (old formulation) (isopropyl esters of 2,4-d and 2,4,5-t); Dormant cane concentrate (2-ethylhexyl ester of 2,4,5-t); Esteron brush killer o.b. (propylene glycol butyl ether esters of 2,4-d and 2,4,5-t); Dinoxol super-6 (butoxyethanol esters of 2,4-d and 2,4,5-t); Esteron 245 concentrate (propylene glycol butyl ether esters of 2,4,5-t); Dinoxol 64 (butoxyethanol esters of 2,4-d and 2,4,5-t); Dinoxol (butoxyethanol esters of 2,4-d and 2,4,5-t); Esteron 245 herbicide (propylene and polypropylene glycol butyl ether estersof 2,4,5-t); Diamond shamrock lo-vol 6t (isooctyl ester of 2,4,5-t); Esteron 245 o.s. (propylene glycol butyl ether esters of 2,4,5-t); Diamond shamrock lo-vol 4t (isooctyl ester of 2,4,5-t); Diamond shamrock lo-vol 2d/2t (isooctyl esters of 2,4-d and 2,4,5-t); Diamond shamrock dormant cane lv 3d/3t-os (isooctyl esters of 2,4-d and 2,4,5-t); Diamond shamrock dormant cane concentrate lv-6t-os (isooctyl ester of 2,4,5-t); Feed no weed (triethylamine salts of 2,4-d and 2,4,5-t); Diamond shamrock amine 4t (triethylamine salt of 2,4,5-t); Diamond shamrock amine 2d/2t (dimethylamine salts of 2,4-d and 2,4,5-t); Diamond alkali chemicals the line rider (2-ethylhexyl esters of 2,4-d and2,4,5-t); Diamond alkali chemicals technical 2-ethyl hexyl-t (2-ethylhexyl ester of2,4,5-t); Diamond alkali chemicals 2-2 2-ethyl hexyl brush killer (2-ethylhexyl estersof 2,4-d and 2,4,5-t); Felco super brush killer (butyl esters of 2,4-d and 2,4,5-t); Felco 2,4,5-t brush killer (butyl ester of 2,4,5-t); De witt s-77 weed killer (dimethylamine salts of 2,4-d and 2,4,5-t); Fence rider 22 (butyl

esters of 2,4-d and 2,4,5-t); Fence rider lv-22 (2-ethylhexyl esters of 2,4-d and 2,4,5-t); De-pester ded-weed t6 brush kil (amyl ester of 2,4,5-t); Fence rider lv-3d/3t (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Fence rider lv-4t brush killer (2-ethylhexyl ester of 2,4,5-t); Fence rider lv-6t brush killer (2-ethylhexyl ester of 2,4,5-t); Fence rider 3.34-t brush killer (isopropyl ester of 2,4,5-t); Fence rider 4t brush killer (butyl ester of 2,4,5-t); Fence rider 6t brush killer (butyl ester of 2,4,5-t); De-pester ded-weed lv-9 (2,4,5-t); De-pester ded-weed lv-6 (2,4,5-t); De-pester ded-weed for lawns (2,4-d + 2,4,5-t + kerosene); De-pester ded-weed 50-50 brush-kil (2,4,5-t); Ded-weed lv-6 brush kil (2,4,5-t, form unspecified); Balcom's g-k-20 (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Forron (2,4,5-t, form unspecified); Fortex (2,4,5-t, form unspecified); Fruitone a (2,4,5-t); Ded-weed for lawns, new improved (isooctyl esters of 2,4-d and 2,4,5-t); Gcc-425 (isooctyl esters of 2,4-d, 2,4,5-t and 2-(2,4,5-trichlorophenoxy)propionic acid); Ded-weed brush killer (2,4,5-t, form unspecified); Gcc-429 (isooctyl esters of 2,4-d, 2,4,5-t and 2-(2,4,5-trichlorophenoxy)propionic acid); Dacamine 4t (n-oleyl 1,3-propylenediamine salt of 2,4,5-t); Dacamine t (n-oleyl 1,3-propylenediamine salt of 2,4,5-t); Dacamine 2d/2t (n-oleyl 1,3-propylenediamine salts of 2,4-d and 2,4,5-t); Dacamine 1d/1t (n-oleyl 1,3-propylenediamine salts of 2,4-d and 2,4,5-t); General chemical 2,4,5-t amine (triethylamine salt of 2,4,5-t); Dacamine (n-oleyl 1,3-propylenediamine salts of 2,4-d and 2,4,5-t); Brush-blitz (isooctyl ester of 2,4,5-t); Cross country poison ivy killer (butoxyethoxypropanol esters of 2,4-d and 2,4,5-t); Gormel's brush killer (propylene glycol butyl ether esters of 2,4-d and 2,4,5-t); Gormel's weed and clover killer (isooctyl esters of 2,4-d and 2,4,5-t); Crop rider amine 4t-2 (triethylamine salt of 2,4,5-t); Green cross celatox 50/30 (2,4,5-t + mcp [(4-chloro-2-methyl-phenoxy)aceticacid]); Brush-rhap low volatile 2d-2t (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Crop rider amine 4t (triethylamine salt of 2,4,5-t); Green cross vegetation killer (monuron [3-(p-chlorophenyl)-1,1-dimethylurea] +2,4-d + 2,4,5-t); Amchem isooctyl-t6 (isooctyl ester of 2,4,5-t); Greenfield broadleaf weed and crab grass killer (trifluralin[alpha,alpha,alpha-trifluoro-2,6-dinitro-n,n-dipropyl-p-toluidine] + disodium; Methylarsonate + sodium salts of 2,4-d and 2,4,5-t); Greenfield crab grass and broadleaf weed killer (trifluralin [alpha,alpha,alpha-trifluoro-2,6-dinitro-n,n-dipropyl-p-toluidine] + disodium methylarsonate hexahydrate + isooctyl esters of 2,4-d and 2,4,5-t); Clover killer (butoxyethanol ester of 2,4,5-t); Greenfield crabgrass and dandelion killer (disodium methanearsonate + trifluralin [alpha,alpha,alpha-trifluoro-2,6-dinitro-n,n-dipropyl-p-toluidine]+ sodium salts of 2,4-d and 2,4,5-t); Chipman 2,4,5-t low volatile ester 6l (isooctyl ester of 2,4,5-t); Chipman 2,4,5-t low volatile ester 4l (isooctyl ester of 2,4,5-t); Greenfield weeds as it feeds for lawns (isooctyl esters of 2,4-d and 2,4,5-t); Chipman 2,4,5-t amine 4l (triethylamine salt of 2,4,5-t); Chipman lve-6l (isooctyl esters of 2,4,5-t); Green light 2,4-d, 2,4,5-t weed killer (isooctyl esters of 2,4-d and 2,4,5-t); Chipman lve-4l (isooctyl esters of 2,4,5-t); Green light weed killer (alkanolamine salts [of the ethanol and isopropanolseries] of 2,4-d + triethylamine salt of 2,4,5-t); Chipman low volatile brush killer no. 3 (isooctyl esters of 2,4-d and 2,4,5-t); Greever's low volatile brush killer (isooctyl esters of 2,4-d and 2,4,5-t); Chipman brush killer 128 regular (2,4-d + 2,4,5-t, forms unspecified); Chipman brush killer 128 l.v. (2,4-d + 2,4,5-t, forms unspecified); Chipman brush killer 128 (2,4-d + 2,4,5-t, forms unspecified); Hercules (isooctyl esters of 2,4,5-t); Hh poison ivy killer (triethylamine salt of 2,4,5-t); Hormoslyr 64 (2,4-d + 2,4,5-t); Hub states selective weed and brush killer amine formula 400; (diethylethanolamine salts of 2,4-d and 2,4,5-t); Chipman amine brush killer (triethylamine salts of 2,4-d and 2,4,5-t); Instemul dta 22 (oleyl amine salt of 2,4-d + oleyllinoleyl amine salt of 2,4,5-t); Instemul dta 66 concentrate (oleyl amine salt of 2,4-d + oleyllinoleyl amine salt of 2,4,5-t); Instemul ta 120 concentrate (oleyllinoleyl amine salt of 2,4,5-t); Inverton 245 (2,4,5-t, form unspecified); Brush-rhap low volatile 4t (2-ethylhexyl ester of 2,4,5-t); Chem-weed 2,4,5-t (butoxyethoxypropanol ester of 2,4,5-t + 2,4,5-t); Kansel (2,4,5-t + propylene glycol butyl ether esters of

2,4,5-t); Kilbrush 8-16 ester (butyl esters of 2,4-d and 2,4,5-t); Kilex 3 (butyl ester of 2,4,5-t); Chem-pels plus (isooctyl esters of 2,4-d and 2,4,5-t); Chempar low volatile brush killer no. 2 (2,4,5-t + 2,4-d); Lawn weed-rhap (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Pratt lawn weed killer (2,4-d + 2,4,5-t); Brush-rhap b-4t (butyl ester of 2,4,5-t) ; Line rider 22 (butyl esters of 2,4-d and 2,4,5-t); Line rider amine 4t-2 (alkyl amine salt of 2,4,5-t); Line rider invert d/t (isooctyl esters of 2,4-d and 2,4,5-t); Associated sales low volatile 2,4,5-t brush killer (isooctyl ester of 2,4,5-t); Line rider invert d/t concentrate (isooctyl esters of 2,4-d and 2,4,5-t); Line rider invert t (isooctyl ester of 2,4,5-t); Line rider invert t concentrate (isooctyl ester of 2,4,5-t); Line rider lv-21 (isooctyl esters of 2,4-d and 2,4,5-t); Line rider lv-4t (2-ethylhexyl ester of 2,4,5-t); Line rider lv-6t (2-ethylhexyl ester of 2,4,5-t); Line rider 4t (butyl ester of 2,4,5-t); Liqweedate (2-methoxy-4,6-bis(isopropylamine)-s-triazine + isooctyl esters of 2,4-d and 2,4,5-t); Brush-rhap lv-4t (2-ethylhexyl ester of 2,4,5-t); Lo-vol 4t (2,4,5-t, form unspecified); L.v. brush rhap-4 (isooctyl ester of 2,4,5-t); Brush-rhap lv injection fluid-0 (2,4,5-t); Patterson's 2,4,5-t low volatile and brush killer (isooctyl ester of 2,4,5-t); Manco super kill-weed (isooctyl esters of 2,4-d and 2,4,5-t); Abco improved w.k-245 (isooctyl ester of 2,4,5-t); Brush-rhap lv-2-2-0 (2,4-d + 2,4,5-t); Brush-rhap injection fluid low volatile 4t (2-ethylhexyl ester of 2,4,5-t); Brush-rhap low volatile 6t (2-ethylhexyl ester of 2,4,5-t); Mfa super brush kill (butyl esters of 2,4-d and 2,4,5-t); Mfa 2,4,5-t butyl ester; Brush-rhap low volatile 3d-2t (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Brush-rhap low volatile 3d-3t (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Zehrung weed blitz (triethanolamine salts of 2,4-d and 2,4,5-t); Zehrung 2,4,5-t blackberry vine killer (isopropyl ester of 2,4,5-t); Woodkill ester concentrate (butyl esters of 2,4-d and 2,4,5-t); Woodbury woodkill ester conc. (butyl esters of 2,4-d and 2,4,5-t); Weed-rhap a-4t (triethylamine salt of 2,4,5-t); Weedone 2,4,5-t special air spray formula (butoxyethanol ester of 2,4,5-t); Weedone 2,4,5-t (2,4,5-t, form unspecified); Weedone industrial brush killer (butoxyethanol esters of 2,4-d and 2,4,5-t); Weedone brush killer 977 concentrate (butoxyethanol esters of 2,4-d and 2,4,5-t); Weedone brush killer 977 (butoxyethanol esters of 2,4-d and 2,4,5-t); Weedone brush killer 64 (butoxyethanol esters of 2,4-d and 2,4,5-t); Weedone brush killer 32 (butoxyethanol esters of 2,4-d and 2,4,5-t); Weedone (butoxyethanol ester of 2,4,5-t); Weedone (2,4-d or 2,4,5-t, forms unspecified); Weedar 2,4,5-t (triethylamine salt of 2,4,5-t); Weedar amine brush killer (dimethylamine salt of 2,4-d + triethylamine salt of 2,4,5-t); Weedar (2,4-d or 2,4,5-t, forms unspecified); Weed and brush off amine formula 400 (diethylethanolamine salts of 2,4-d and 2,4,5-t); Wasco brush killer (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Visko-rhap low volatile 3t (2-ethylhexyl ester of 2,4,5-t); Visko-rhap low volatile 2t (2-ethylhexyl ester of 2,4,5-t); Visko-rhap low volatile ester 2t (2-ethylhexyl ester of 2,4,5-t); Visko-rhap low volatile ester 1d-1t (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Visko-rhap low volatile 1.5d-1.5t (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Visko-rhap low volatile 1d-1t (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Visko-rhap h low volatile 2t (2-ethylhexyl ester of 2,4,5-t); Verton 2t herbicide (propylene glycol butyl ether esters of 2,4,5-t); Verton 2-t (2,4,5-t, form unspecified); Verton 2t (2,4,5-t, form unspecified); Verton t (propylene glycol butyl ether esters of 2,4,5-t); Verton ce herbicide (propylene glycol butyl ether esters of 2,4-d and 2,4,5-t); Verton ce (propylene glycol butyl ether esters of 2,4-d and 2,4,5-t); Veon bk (dimethylamine salts of 2,4-d and 2,4,5-t); Veon 245 (triethylamine salt of 2,4,5-t); Veon 100 (triethylamine salt of 2,4,5-t); Veon (2,4,5-t, form unspecified); Utility brush killer no. 2 (isooctyl esters of 2,4-d and 2,4,5-t); U 46 spezial (2,4-d + 2,4,5-t, forms unspecified); Unico 2,4,5-t lo-v ester brush killer (2-ethylhexyl ester of 2,4,5-t); Unico lo-v brush killer (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Unico brush killer a (butyl ester of 2,4-d + isooctyl ester of 2,4,5-t); Unico brush killer (butyl esters of 2,4-d and 2,4,5-t); U 46 (2,4-d + 2,4,5-t, forms unspecified); Trioxone (butyl ester of 2,4,5-t); Trioxon (2,4,5-t, form unspecified); Trinoxol (butoxyethanol ester of 2,4,5-t); Trinixol (2,4,5-t, form

unspecified); Tributon (2,4-d + 2,4,5-t, forms unspecified); Trelease (butoxyethanol ester of 2,4,5-t); Transamine oa-3t (n,n-dimethyloleyllinoleylamine salt of 2,4,5-t); Transamine oa-1.5d-1.5t (n,n-dimethyloleyllinoleylamine salt of 2,4-d and 2,4,5-t); Tormona (2,4,5-t, form unspecified); Tobacco states brand low-vol brush killer 2-20 (isooctyl esters of 2,4-d and 2,4,5-t); Tobacco states brand ester brush killer 2-2 (butyl esters of 2,4-d and 2,4,5-t); 2,4,5-t low volatile ester 6l (2,4,5-t, form unspecified); The line rider (2-ethylhexyl esters of 2,4-d and 2,4,5-t); T-h ded-weed lv-9 (2,4,5-t); T-h ded-weed lv-6 (2,4,5-t); Techne 2,4,5-t concentrate no.4 (butyl ester of 2,4,5-t); T-5 brush kil (2,4,5-t, form unspecified); Swift's gold bear woody plant control (isooctyl esters of 2,4-d and 2,4,5-t); Swift's gold bear 55 brush kill (isooctyl ester of 2,4,5-t); Swift's gold bear 2-2 brush kill (isooctyl esters of 2,4-d and 2,4,5-t); Sure death 2,4,5-t conc. #4 (butyl ester of 2,4,5-t); Sure death 2,4,5-t conc. (2-ethyl 4-methylpentanol and 2-ethylhexanol esters of 2,4,5-t); Stull's hardwood spray (isooctyl ester of 2,4,5-t); S.i.r.-ester (isooctyl esters of 2,4-d and 2,4,5-t); Science lawn weed-killer (isooctyl esters of 2,4-d + 2,4,5-t); Rhodia low volatile brush killer no. 2 (2,4-d + 2,4,5-t); Reddox (2,4,5-t, form unspecified); Reddon (propylene glycol butyl ether esters of 2,4,5-t); Reasor-hill brush rhap (2,4-d + 2,4,5-t); Real-kill spot weed killer (amine salts of 2,4-d, dicamba [3,6-dichloro-2-methoxybenzoic acid] and 2,4,5-t); Pl liqui-date (isooctyl esters of 2,4-d, 2,4,5-t and silvex [2-(2,4,5-trichlorophenoxy) propionic acid]); Phorfox (2,4,5-t, form unspecified); Patterson's super brush killer low volatile (isooctyl esters of 2,4-d and 2,4,5-t); Patterson's super brush killer (butyl esters of 2,4-d and 2,4,5-t); Patterson's lawn weed killer (isooctyl esters of 2,4-d and 2,4,5-t); Parsons 2,4,5-t brush killer (2,4,5-t); Parsons poison ivy and brush killer no. 2 (isooctyl esters of 2,4-d and 2,4,5-t); Ortho brush killer (isooctyl esters of 2,4-d and 2,4,5-t); Olin lv ester 22 brush killer (2-ethylhexyl esters of 2,4-d and 2,4,5-t); Olin butyl ester 22 brush killer (butyl esters of 2,4-d and 2,4,5-t); Niagara commercial brush killer (isooctyl esters of 2,4-d and 2,4,5-t); Niagara brush-killer (ester form) (butoxyethanol esters of 2,4-d and 2,4,5-t); Navy brand wkb-28 (butoxyethoxypropanol esters of 2,4-d and 2,4,5-t); Navy brand wkb-15 (isooctyl esters of 2,4-d and 2,4,5-t); Monsanto 2,4,5-t low volatile ester (isooctyl ester of 2,4,5-t); Monsanto 2,4,5-t butyl ester (isobutyl and n-butyl esters of 2,4,5-t); Monsanto 2,4,5-t amine (triethylamine salt of 2,4,5-t); Monsanto 2,4-d 2,4,5-t low volatile ester brush killer (isooctyl esters of 2,4-d and 2,4,5-t); Monsanto 2,4-d 2,4,5-t butyl ester brush killer; Monsanto 2,4-d 2,4,5-t amine brush killer (triethylamine salts of 2,4-d and 2,4,5-t); Monsanto 2,4-d 2,4,5-t amine brush killer (dimethylamine salt of 2,4-d +triethylamine salt of 2,4,5-t); Trinoxol super-6 (butoxyethanol ester of 2,4,5-t); Mfa lo-v super brush killer (octyl esters of 2,4-d and 2,4,5-t); Mfa lo-v 2,4,5-t (octyl ester of 2,4,5-t).

## Organi bersaglio

Non ci sono dati sufficienti per valutare la cancerogenicità nell'uomo. Gli studi condotti su topi e ratti non danno risultati significativi anche a causa dei piccoli numeri di animali utilizzati.

## Classi della sostanza

CLOROFENOSSI ERBICIDI.

## Utilizzi della sostanza

Erbicida; defoliante.

## Elenco lavorazioni collegate

| LAVORAZIONI | LETTERATURA | CAMPIONAMENTI | REGISTRI DI PATOLOGIA | SIREP |
|---|---|---|---|---|
| Lavorazione del terreno. | ● | | | |
| Lavorazioni agricole particolari. | ● | | | |
| Produzione di prodotti fitosanitari. | ● | | | |

## Valori Limite di Soglia

*non disponibile*

*non disponibile*

10 mg/m³ TWA (Belgio) - 10 mg/m³ TWA (Ungheria) - 10 mg/m³ TWA (Olanda) - 10 mg/m³ TWA (skin, Svizzera) - 10 mg/m³ TWA, 20 mg/m³ CLV (UK) - 10 mg/m³ TWA, 20 mg/m³ CLV (Germania) - 10 mg/m³ TWA (Finlandia) - 5 mg/m³ TWA (Norvegia) - 10 mg/m³ TWA (OSHA).

## Riferimenti bibliografici

Monografie IARC Vol. 41 (1986) (p. 357); Suppl. 7 (1987) (p.156).

Hazardous Substances Data Bank (HSDB).

American Conference of Governmental Industrial Hygienists. Threshold Limit Values and Biological Exposure Indices. Cincinnati, OH 2019.

## Note aggiuntive

Componente dell'"Agent orange" e dell'"Agent purple" usato nel sud del Vietnam negli anni 1965-71 come defoliante. L'uso di questa sostanza è stato proibito in Italia, Svizzera e Svezia dal 1970. I clorofenossi erbicidi sono usualmente presenti o come esteri o come sali di amine nelle formulazioni commerciali.

**Documentazione Regionale Salute**

Centro di Documentazione per la Promozione della Salute

Via Sabaudia, 164 – 10095 Grugliasco (TO) · Tel. 011 40188210-502 · Fax 011 40188201 · info@dors.it