

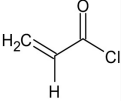
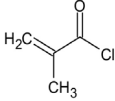
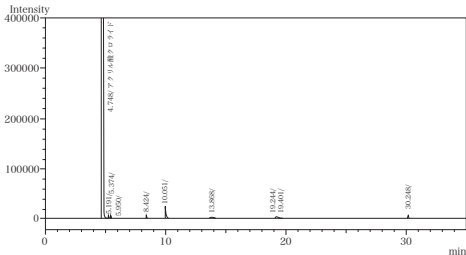
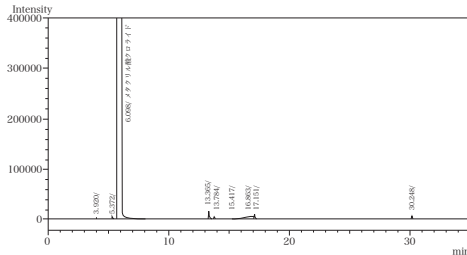
Acrylic chloride

Methacrylic chloride

Features

- ① High quality at 99% purity or more.
- ② Free acid less than 0.1%
- ③ High stability (Refrigerated storage: 3 months)
- ④ Polymerization inhibitors can be customized.

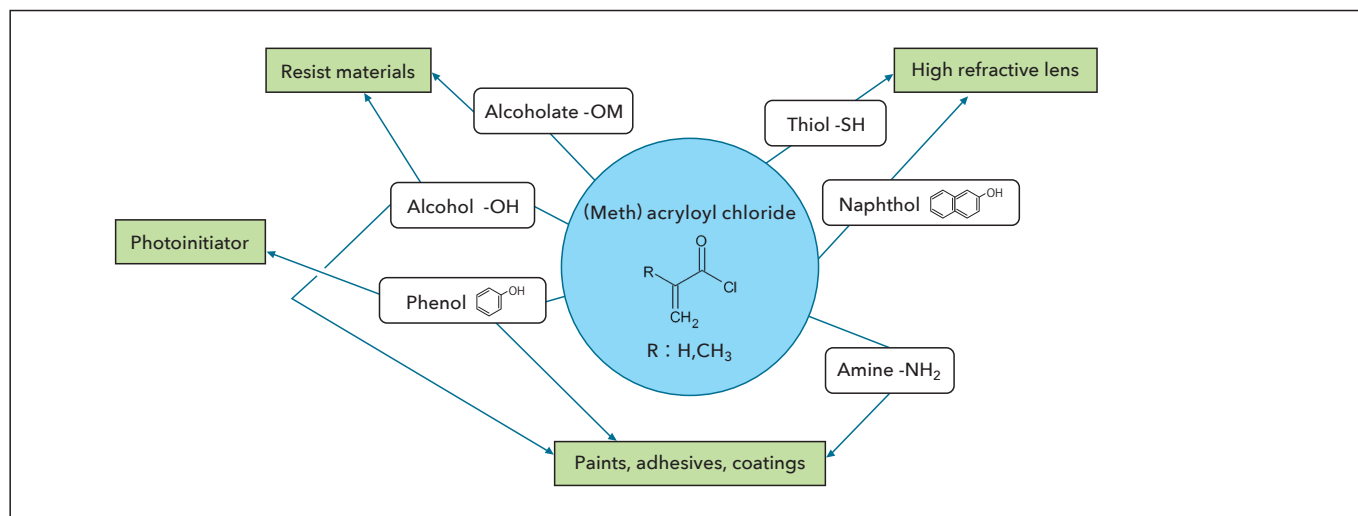
Physical properties

Acrylic chloride	Product name	Methacrylic chloride																																																																																																																																			
C_3H_3ClO	Molecular formula	C_4H_5ClO																																																																																																																																			
90.509	Molecular weight	104.53																																																																																																																																			
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814-68-6	CAS No.	920-46-7																																																																																																																																			
Colorless to light yellow transparent liquid	External appearance	Colorless to light yellow transparent liquid																																																																																																																																			
Irritating odor	Odor	Irritating odor																																																																																																																																			
75°C/101.3kPa	Boiling point	95°C/101.3kPa																																																																																																																																			
<-25°C	Melting point (lit)	<-25°C																																																																																																																																			
1.114/20°C	Specific gravity (lit)	1.076/20°C																																																																																																																																			
99% or higher	Purity (GC)	99% or higher																																																																																																																																			
MEHQ 100ppm	Additives	MEHQ 100ppm																																																																																																																																			
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As various reaction reagents

- (Meth) acryloyl chlorides which react with functional group compound derivatives for various applications.



Photoresist

- Alicyclic esters synthesized by reaction with alcohols, etc. are used for photoresist applications.

Paints, resins, adhesives, etc.

- Amides and esters obtained by reaction with an amino group or hydroxyl group are used in paints, resins, adhesives, etc.

Optical Lenses

- Esters obtained by reaction with fluorene derivatives and aromatic compounds such as naphthol, are used as a high refractive lens monomers.

Photoinitiator

- Compounds obtained by reaction with photosensitive phenol derivatives are used as photoinitiators for UV paints and coatings.

Medical and agrochemicals

- Amide derivatives obtained by reaction with benzylamine are used as intermediates for antiepileptic drugs.
- Esters obtained by reaction with lactone compounds, which have a hydroxyl group, are used in the medical and agrochemical fields.

Dental materials

- Esters obtained by reaction with a benzoate alcohol derivatives are used as a dental adhesive monomers.

Water-based sizing agent

- Amide derivatives obtained by reaction with acrylamide-functionalized alkoxy silane are used as water-based sizing agents

Polymeric gas hydrate formation inhibitor

- Esters obtained by reaction with N-alkylamine are used as building blocks for polymeric gas hydrate inhibitors

Concrete superplasticizer

- Esters obtained by reaction with polyalkylene glycol compounds with a hydroxyl group are used as concrete superplasticizers.

Inquiries

CHEMICAL SOFT Co., Ltd.
e-mail chemistry@chemicalsoft.co.jp