



5 Decades of
Excellence
Thionyl Chloride
& Acid Chlorides

Transpek

profile :

Transpek Industry Limited was established in 1965 at Vadodara, India. It is a part of Excel Group of Companies, an undisputed leader in core chemistry such as Sulphur, Chlorine, Phosphorus and Bromine based Compounds.

Transpek has over five decades of experience in Sulphur and Chlorine chemistry and over two decades of presence in the international market.

Stock Exchange Listing : Bombay Stock Exchange

Core Sector : Industrial & Speciality Chemicals

Certification : ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

ISO 50001:2018

A Responsible Care Company



Two Star Export House recognized by Government of India.

Transpek

product applications:

- Polymers
- Pharmaceuticals
- Plastics
- Agrochemicals
- Dyestuff
- Surfactants
- Flavors & Fragrance

Transpek

capabilities :

Reactions

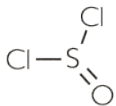
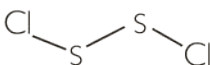
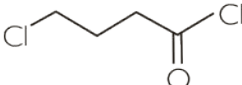
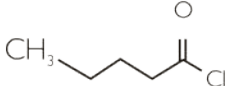
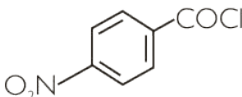
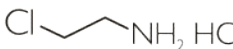
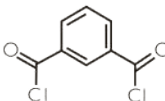
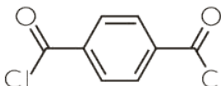
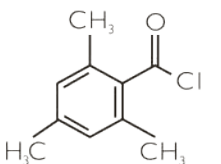
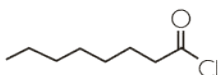
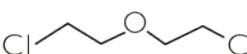
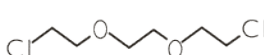
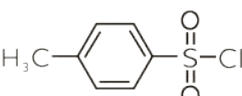
- Chlorination with Chlorine (Inorganic Chemicals)
- Acid Chlorination with Thionyl Chloride (Acid Chlorides & Fatty Acid Chlorides)
- Alcohol Chlorination with Thionyl Chloride and HCL (Alkyl Chlorides)
- Friedel-Crafts Reactions
- Cyclization
- Amidation

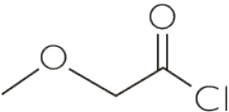
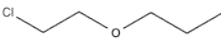
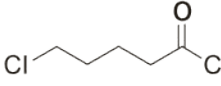
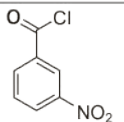
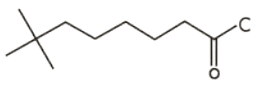
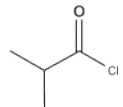
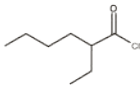
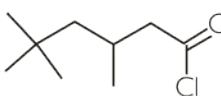
Unit Operations

- Batch & Continuous Reactions
- Gas Scrubbing
- Distillation
- Solid-Liquid Separation



Regular Products :

PRODUCT	SYNONYMS	STRUCTURE	INTERMEDIATE FOR
Thionyl chloride [7719-09-7]	Sulfurous oxy chloride; Sulfur oxide dichloride; Sulfinyl chloride; Dichlorosulfoxide; Sulfur monoxide-dichloride		Chlorinating agent for carboxylic acids, alcohol and active methylene. Used in the industrial production of organochlorine compounds which are often intermediates in pharmaceuticals, agrochemicals, dyestuffs, energy, optical brighteners
Sulphur dichloride [10545-99-0]	Sulphur chloride; Dichlorosulfane		Bithionol; Timolol, Benfuracarb; Temephos; Thiodicarb; Pigment Green 7; Sulfametrole; Thidazuron; as Vulcanization agent
Sulphur monochloride [10025-67-9]	Disulfur dichloride; Dichlorodisulfane		4,4'-Dithiodimorpholine; Vat green 14; Sulfur tetrafluoride; Caprolactum disulfide; Fatice; as vulcanization agent
4-Chlorobutyryl chloride [4635-59-0]	4-Chlorobutanoyl chloride; γ -Chlorobutyryl chloride		Fexofenadine; Haloperidol; Levetiracetam; Ebastine; Sumatriptan; Zolmitriptan; Benperidol; Almotriptan; Aceperone; Pimozide; Kadethrinic acid
<i>n</i> -Valeryl chloride [638-29-9]	Valeroyl chloride; <i>n</i> -Valeric acid chloride; Pentanoyl chloride		Irbesartan; Valsartan; Dronedarone; Diflucortolone valerate; Pyrovalerone; Hexaconazole
<i>p</i> -Nitrobenzoyl chloride [122-04-3]	4-Nitrobenzoyl chloride; 4-Nitrobenzoic acid chloride		Procainamide; Balsalazide; Methotrexate; Folic acid; Reboxetine; Procaine; Conivaptan; Amelodine; Mozavaptan; Intermediates for Direct Dyes
2-Chloroethylamine-hydrochloride Solution [870-24-6]	2-chloroethyl-ammonium chloride; β -Chloroethylamine-hydrochloride		Ifosfamide; Fluvoxamine; Glufosfamide; SarCNU; Ketorolac; Intermediate for dyes
Isophthaloyl chloride [99-63-8]	Isophthalic acid-dichloride; <i>m</i> -phthaloyl chloride; Isophthaloyl dichloride		Poly (m-phenyleneisophthalamide); Polyether ketone ketone; Polyarylate; amorphous; Ditophal; Vat Yellow 23; Vat Orange 17; Vat Yellow 26
Terephthaloyl chloride [100-20-9]	1,4-Benzene dicarbonyl-chloride; <i>p</i> -phthaloyl chloride; Terephthalic acid dichloride		Poly (p-phenyleneterephthalamide); Polyether ketone ether ketone ketone; Poly ether ketone ketone; Polyarylate amorphous; Vat Yellow 13, Vat Yellow 11
2,4,6 Trimethyl Benzoyl Chloride [938-18-1]	2-Mesitylenecarbonyl Chloride		TPO photoinitiator, Bis(2,4,6-trimethylbenzoyl) 2-methylphenyl phosphine oxide, Bis(2,4,6-trimethylbenzoyl) 2-methylphenyl phosphine oxide, Bis-trimethylbenzoyl phenylphosphine oxide
<i>n</i> -Octanoyl chloride [111-64-8]	Capryloyl chloride; Caprylic acid chloride; Octanoic acid chloride; Octanoyl chloride		Orlistat; Bromoxynil octanoate; Ioxynil octanoate; Fingolimod; Intermediate for Thiocarboxylate silane, Perfluorooctanoic acid, Dioctanyl Peroxide
Diethylene glycol dichloride [111-44-4]	Bis(2-chloroethyl)ether; 2,2- Dichlorodiethylether; 2- Chloroethyl ether		Oxeladin, Diamfenetide, Benzethonium chloride, Guaipate, Chloral hydrate, Diglyme, Ethylthionooxophonyl dichloride
Triethyleneglycol-dichloride [112-26-5]	Triglycol dichloride; 1,2-Bis-(2-chloroethoxy) ethane; 1,2-Bis-(chloroethoxy) ethane; 1,8-Dichloro-3,6-dioxaoctane		18-Crown-6; 4,13-Diaza-18-crown-6; Guaipate
<i>p</i> -Toluenesulfonyl Chloride [98-59-9]	4-Methylbenzene-1-sulfonyl chloride; Tosyl chloride; 4-Toluenesulfonyl chloride		4-Toluenesulfonamide; 4-Toluenesulfonylhydrazide; Octoxynol; Beta-Caryophyllene; Metapramine; Lefamulin acetate, Intermediate for dyes, Clopidogrel, Nebivolol, Diethyl toluene sulfonyloxy methyl phosphonate, Escitalopram.

PRODUCT	SYNONYMS	STRUCTURE	INTERMEDIATE FOR
Methoxyacetyl chloride [38870-89-2]	Methoxyacetic acid chloride; 2-Methoxyacetyl chloride; alpha-Methoxyacetylchloride		Febantel; Brifentani; Metalaxyl; Iopromide; Oxadixyl; Mibefradil dihydrochloride
2-Propoxyethylchloride [42149-74-6]	1-(2-Chloroethoxy)-propane; 2-Chloroethylpropylether		Pretilachlor
5-Chlorovaleryl chloride [1575-61-7]	Chloro pentanoyl chloride; 5-Chlorovaleric acid chloride; 5-chloro-pentanoylchloride		Pinadoline; Apixaban; Pyraclozil
m-Nitrobenzoyl Chloride [121-90-4]	3-Nitrobenzoyl chloride		Volixibat; Suramin sodium; Imidocarb
Neodecanoyl chloride [40292-82-8]	NDCL; Neodecanoic acid chloride		tert-Butyl peroxyneodecanoate; Didecanoyl peroxide; tert-Amyl peroxyneodecanoate; Cumyl peroxyneodecanoate
Isobutyryl Chloride [79-30-1]	2-Methylpropanoyl chloride; Isobutyryl chloride; Dimethylacetyl Chloride; Methylpropionyl Chloride		Flutamide; Isofetamid; Pyflubumide; ALPHA-Hydroxyisobutyrophenone; S-Prenyl thioisobutyrate
2-Ethylhexanoyl Chloride [760-67-8]	2-Ethylhexanoic acid chloride		Tert-Butyl peroxy-2-ethylhexanoate; 2,5-Bis-(2-ethylhexanoylperoxy)-2,5-dimethylhexane
Isononanoyl chloride [36727-29-4]	3,5,5-Trimethylhexanoyl chloride; Isononanoic acid chloride		Diisononanoyl peroxide; Piroctone; Ethyl 3,5,5-trimethylhexanoate
Lauroyl chloride [112-16-3]	Dodecanoyl chloride; Dodecanoic acid chloride; Lauric acid chloride; n-Dodecanoyl chloride	$\text{CH}_3(\text{CH}_2)_9\text{CH}_2\text{COCl}$	Dilauroyl peroxide; Methyl-3-oxotetradecanoic acid; Sodium Lauroyl Sarcosinate
Cocoyl chloride [68187-89-3]	Cocofatty acid chloride; Acid chlorides coco	—	Sodium cocoyl glycinate; Sodium Cocoyl isethionate; Sodium Cocoyl Sarcosinate
Oleoyl Chloride [112-77-6]	(Z)-9-Octadecenoyl Chloride; Oleyl Chloride; Oleic Acid Chloride; cis-9-Octadecenoyl Chloride	$\text{CH}_3(\text{CH}_2)_7\text{CH}=\text{CH}(\text{CH}_2)_7\text{COCl}$	N,N'-Ethane-1, 2-diylbisoleamide; Oleylamine; Oleonitrile
Myristoyl Chloride [112-64-1]	Tetradecanoyl chloride; Myristic Acid Chloride; Tetradecanoic Acid Chloride	$\text{CH}_3(\text{CH}_2)_{11}\text{CH}_2\text{COCl}$	Miramistin, ALC-0159, N-Succinimidyl Myristate

Campaign Based Products

3-Chloropivaloyl Chloride [4300-97-4]	Sulfuryl Chloride [7791-25-5]	o-Toluoyl chloride [933-88-0]	Pivaloyl Chloride [3282-30-2]
n-Decanoyl chloride [112-13-0]	n-Butyryl chloride [141-75-3]	n-Octyl Chloride [111-85-3]	3 Chloropropionyl Chloride [625-36-5]



Transpek

key advantages :

- Pioneer manufacturer of Thionyl Chloride and Acid Chlorides in India.
 - Specialisation and competence in Sulphur and Chlorine Chemistry.
 - Backward integration and on-site production of key intermediates.
 - Unique recycling system with Closed Loop Chemistry.
 - Understanding and practice in handling, shipping and processing hazardous and corrosive materials.
 - R&D Facility is recognized by DSIR / DST (Govt. of India).
 - Most of the products are developed in-house.
 - Offer Custom and Contract manufacturing.
 - 100 Acres of land with green-belt of more than 30,000 trees.
 - Full-fledged set of Kilo-lab, Pilot and Commercial Scale production plants.
 - Dedicated, Multipurpose and Multi-Product Plants.
 - In-house team of engineers for Process Scale-up, Plant Design, Erection and Commissioning.
 - Capability to handle various packaging from Drums to IBC to ISO tanks.
 - A fleet of more than 800 ISO tanks of various types with ISO tank cleaning and maintenance station.
 - Full-fledged Effluent Management System with a licenced discharge facility to the central effluent channel.
 - Self Sustained Water Source : Bore well with rain water recharge system.
 - Power : Gujarat is a power surplus state plus necessary generator backup available at site.
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