

## CHEMICAL RESISTANCE TABLE AT 23°C

### TABELLA DI RESISTENZA CHIMICA A 23°C

#### Rating

#### Valutazione:

- B:** Good resistance, no changes in the material properties  
Buona resistenza, nessuna modifica delle proprietà dei materiali.
- O:** Limited resistance, suitability conditioned to testing in the specific application  
Resistenza limitata, idoneità condizionata a test specifici nell'applicazione reale.
- N:** Poor resistance, not recommended  
Resistenza pessima, utilizzo non raccomandato.
- G:** Swelling action  
Azione gonfiante.

The purpose of this chemical resistance table is to provide a useful guideline in the selection of the right hose/tube for each application. The data provided are based on our internal laboratory test, literature data and information coming from our raw materials suppliers.

The information in the table is provided in good faith and are offered without any warranty on the correct behaviour of the product under all conditions of practical use. It is always necessary to verify the actual compatibility with the specific fluid in the real conditions of use, responsibility and burden on the Customer and/or user.

The following aspect should be taken into consideration:

- Unless otherwise specified the contact is at ambient temperature (23°C, 73°F). Higher service temperatures can also considerably reduce the chemical resistance of the material.
- The use of some fluids, in particular if classified as dangerous or explosives, could be subjected to specific regulations. In these cases, in addition to checking the compatibility, please contact our Technical Service.
- The chemical compatibility with foodstuff does not imply the compliance with Food Regulations or the suitability in food application. The declaration of conformity to FDA and to the others food Regulation are available upon request.
- For high pressure gases it is recommended the use of a pin pricked cover. Chemical compatibility do not imply low permeation. Contact the Technical Service for information regarding permeability.
- The hoses are not suitable for medical and aeronautical on-board applications.

Lo scopo di questa tabella di resistenza chimica è fornire un utile strumento per la selezione del tubo corretto per le diverse applicazioni. I dati forniti provengono da prove interne di laboratorio, dati di letteratura e informazioni provenienti dai nostri fornitori.

Le informazioni contenute nella tabella sono fornite in buona fede e non forniscono nessuna garanzia implicita del corretto funzionamento del prodotto in ogni condizione di uso possibile. È sempre necessario verificare l'effettiva compatibilità con il fluido specifico nelle reali condizioni di utilizzo, a cura e carico del Cliente e/o utilizzatore.

I seguenti aspetti sono da tenere in considerazione:

- Se non diversamente specificato, il contatto è da intendersi a temperatura ambiente (23°C, 73°F). Temperature di servizio più elevate possono ridurre anche considerevolmente la tenuta chimica del materiale.
- L'utilizzo di alcuni fluidi, in particolare se catalogati come pericolosi o esplosivi, può essere vincolata a specifiche normative. In questi casi, oltre alla verifica della compatibilità, si prega di consultare il nostro servizio tecnico.
- La compatibilità chimica con i prodotti alimentari non implica la conformità con le normative alimentari o l'idoneità al passaggio di alimenti. Le dichiarazioni di conformità alla normativa FDA e alle altre normative alimentari sono fornite su richiesta.
- Con gas ad alta pressione si consiglia sempre l'utilizzo di ricopertura microforata. La compatibilità chimica non garantisce una bassa permeazione. Per informazioni relative alla permeabilità rivolgersi al servizio tecnico.
- I tubi elencati non sono approvati per applicazioni medicali o impieghi aeronautici a bordo veicolo.

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>A</b>							
Acetaldehyde	<i>Acetaldeide</i>	CH <sub>3</sub> CHO	75-07-0	BG	-	-	B
Acetic Acid 5%	<i>Acido Acetico 5%</i>	CH <sub>3</sub> COOH	64-19-7	B	O	O	B
Acetic Acid 30%	<i>Acido Acetico 30%</i>	CH <sub>3</sub> COOH	64-19-7	-	-	-	-
Acetic Acid 100%	<i>Acido Acetico 100%</i>	CH <sub>3</sub> COOH	64-19-7	-	-	-	-
Acetic Acid 100% (38°C)	<i>Acido Acetico 100% (38°C)</i>	CH <sub>3</sub> COOH	64-19-7	-	-	-	-
Acetic Anhydride	<i>Anidride Acetica</i>	C <sub>4</sub> H <sub>6</sub> O <sub>3</sub>	108-24-7	O	-	-	-
Acetone (23°C)	<i>Acetone (23°C)</i>	C <sub>3</sub> H <sub>6</sub> O	67-64-1	B	N	N	O
Acetylene	<i>Acetilene</i>	C <sub>2</sub> H <sub>2</sub>	74-86-2	B	-	-	-
Adblue	<i>Adblue</i>			B	N	N	-
AeroShell Fluid 31	<i>AeroShell Fluid 31</i>			B	-	-	-
AeroShell Fluid 41	<i>AeroShell Fluid 41</i>			B	-	-	-
AGIP OSO hydraulic oil	<i>AGIP OSO olio idraulico</i>			B	-	-	-
Aluminium	<i>Alluminio</i>	Al		-	-	-	B
Aluminium Chloride	<i>Cloruro d'Alluminio</i>	AlCl <sub>3</sub>	7446-70-0	-	-	-	B
Aluminium Polychloride	<i>Policloruro di Alluminio</i>			-	-	-	-
Aluminium Sulphate	<i>Solfato d'Alluminio</i>	Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>		B	B	B	-
Alum	<i>Allume</i>			B	-	-	B
Amine	<i>Ammine</i>			O	N	N	-
Ammonia solution max 10%	<i>Ammoniaca soluzione max 10%</i>	NH <sub>3</sub>	7664-41-7	B	N	N	B
Ammonia gas (anhydrous)	<i>Ammoniaca gas (anidra)</i>	NH <sub>3</sub>	7664-41-7	B	N	N	B
Ammonia gas (liquid)	<i>Ammoniaca gas (liquida)</i>	NH <sub>3</sub>	7664-41-7	B	N	N	B
Ammonium Acetate	<i>Acetato di Ammonio</i>	CH <sub>3</sub> COONH <sub>4</sub>	631-61-8	B	-	-	-
Ammonium Carbonate	<i>Carbonato Ammonio</i>	(NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub>	506-87-6	B	-	-	-
Ammonium Chloride	<i>Cloruro d'ammonio</i>	NH <sub>4</sub> Cl	12125-02-9	O	-	-	-
Ammonium Hydroxide 10%	<i>Idrossido Ammonio 10%</i>	NH <sub>4</sub> OH	1336-21-6	-	O	O	-
Ammonium Nitrate	<i>Nitrato d'Ammonio</i>	NH <sub>4</sub> NO <sub>3</sub>	6484-52-2	B	B	B	-
Ammonium Phosphate	<i>Fosfato d'ammonio</i>	(NH <sub>4</sub> ) <sub>3</sub> PO <sub>4</sub>	10361-65-6	B	-	-	-
Ammonium Sulphate	<i>Solfato d'Ammonio</i>	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	7783-20-2	B	B	B	-
Ammonium Sulphide	<i>Solfuro d'Ammonio</i>			-	-	-	B
Amyl Acetate	<i>Acetato Amile</i>	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub>	628-63-7	B	-	-	-
Amyl Acetate Pure	<i>Amilacetato Puro</i>			-	-	-	N
Amyl Acid	<i>Grasso Amilico</i>			B	-	-	-
Amyl Alcohol	<i>Alcool Amilico</i>	C <sub>5</sub> H <sub>11</sub> OH		BG	O	O	-
Anhydrous Liquid Ammonia	<i>Ammoniaca Liquida Anidra</i>			B	-	-	-
Aniline	<i>Anilina</i>			OG	N	N	-
Animale Fat	<i>Grasso Animale</i>			B	B	B	B
Ansulite 6% AFFF (+60°C)	<i>Ansulite 6% AFFF (+60°C)</i>			B	-	-	-
Anti Freeze	<i>Antigelo</i>			B	O	O	-
Antimony Pentachloride	<i>Pentacloruro d'Antimonio</i>			N	-	-	-
Aqua Regia	<i>Acqua Regia</i>	HNO <sub>3</sub> + 3 HCl		N	-	-	N
Aqueous Aluminium Salt	<i>Sali d'Alluminio Acquoso</i>			B	-	-	-
Aral Vitamol ZH-M	<i>Aral Vitamol ZH-M</i>			B	-	-	-
Arcopal	<i>Arcopal</i>			-	-	-	B
Argon	<i>Argon</i>	Ar	7440-37-1	B	B	B	B
Aromatic Hydrocarbons	<i>Idrocarburi Aromatici</i>			B	N	N	N
Arsine	<i>Arsina</i>	AsH <sub>3</sub>	7784-42-1	B	-	-	-
ASTM Fuel + Methanol 85/15	<i>Carb. ASTM C + Metanolo 85/15</i>			-	O	O	-
ASTM Fuel ABCD DIN 51604	<i>Carburante ASTM ABCD DIN 51604</i>			-	N	N	-
ASTM Oil n°1, n°2, n°3	<i>Olio ASTM n°1, n°2, n°3</i>			-	B	B	N
ATF Dexron III	<i>ATF Dexron III</i>			O	N	N	-
Atrazine	<i>Atrazina</i>	C <sub>6</sub> H <sub>14</sub> ClN <sub>3</sub>	1912-24-9	-	-	-	-

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>B</b>							
Barium Chloride	<i>Cloruro di Bario</i>	BaCl <sub>2</sub>	10361-37-2	B	-	-	-
Barium Salts	<i>Sali di Bario</i>			B	-	-	-
Bayer 28HB88	<i>Bayer 28HB88</i>			B	-	-	-
Bayer 30HB05	<i>Bayer 30HB05</i>			B	-	-	-
Beer	<i>Birra</i>			-	-	-	B
Benzaldehyde	<i>Benzaldeide</i>	C <sub>6</sub> H <sub>5</sub> CHO	100-52-7	B	-	-	-
Benzene	<i>Benzene</i>	C <sub>6</sub> H <sub>6</sub>	71-43-2	B	O	O	N
Benzene Chlorine	<i>Cloro Benzene</i>			O	-	-	-
Benzoic Acid	<i>Acido Benzoico</i>	C <sub>6</sub> H <sub>5</sub> COOH	65-85-0	B	-	-	-
Benzol	<i>Benzolo</i>			B	O	O	-
Benzoyl Peroxide	<i>Perossido di Benzoile</i>		94-36-0	-	-	-	-
Benzyl Alcohol	<i>Alcool Benzilico</i>	C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> OH	100-51-6	O	N	N	-
Biodiesel	<i>Bio Diesel</i>			BO	-	-	B
Bitumen	<i>Bitume</i>			B	-	-	-
Boric Acid	<i>Acido Borico</i>	H <sub>3</sub> BO <sub>3</sub>	10043-35-3	B	O	O	B
Boron	<i>Boro</i>	Br		B	-	-	-
Boron Trichloride	<i>Tricloruro di boro</i>	BCl <sub>3</sub>	10294-34-5	N	-	-	-
Boron Trifluoride	<i>Trifluoruro di boro</i>	BF <sub>3</sub>	7637-07-2	N	-	-	-
Brake fluids DOT 3	<i>Olio freni DOT 3</i>			B	N	N	-
Brake fluids DOT 4	<i>Olio freni DOT 4</i>			B	N	N	-
Brake fluids DOT 5	<i>Olio freni DOT 5</i>			B	-	-	-
Bromic Acid	<i>Acido Bromico</i>	HBrO <sub>3</sub>	10035-10-6	-	-	-	B
Bromine	<i>Bromo</i>			N	N	N	N
Bromine Water-Chlorine	<i>Acqua di Bromo-Cloro</i>			N	-	-	-
Bromochlorodifluoromethane	<i>Bromoclorodifluorometano</i>	CBrcF <sub>2</sub>	353-59-3	B	-	-	-
Bromotrifluoroethylene	<i>Bromotrifluoroetilene</i>	C <sub>2</sub> BrF <sub>3</sub>	598-73-2	-	-	-	-
Butadiene 1,2	<i>Butadiene 1,2</i>	C <sub>4</sub> H <sub>6</sub>	590-19-2	B	-	-	-
Butadiene 1,3	<i>Butadiene 1,3</i>	C <sub>4</sub> H <sub>6</sub>	106-99-0	B	-	-	-
Butane	<i>Butano</i>	C <sub>4</sub> H <sub>10</sub>	106-97-8	B	-	-	-
Butanox M-60	<i>Butanox M-60</i>			N	-	-	-
Butanox P-50	<i>Butanox P-50</i>			N	-	-	-
Butene	<i>Butene</i>	C <sub>4</sub> H <sub>8</sub>	106-98-9	B	-	-	-
Butene (cis)	<i>Butene (cis)</i>	C <sub>4</sub> H <sub>8</sub>	590-18-1	B	-	-	-
Butene (trans)	<i>Butene (trans)</i>	C <sub>4</sub> H <sub>8</sub>	624-64-6	B	-	-	-
Butyl Glycol (2-butoxyethanol)	<i>Butilglicole (2-butossietanolo)</i>	C <sub>6</sub> H <sub>14</sub> O <sub>2</sub>	111-76-2	N	-	-	-
Butter	<i>Burro</i>			-	-	-	B
Butyl Alcohol	<i>Alcool Butilico</i>	C <sub>4</sub> H <sub>10</sub> O		B	-	-	B
Butyl-Ethyl Acetate	<i>Acetato Butile-Etile</i>			B	O	O	-
<b>C</b>							
Calcium Arsenate	<i>Arseniato di Calce</i>			B	-	-	-
Calcium Carbonate	<i>Carbonato di calcio</i>	CaCO <sub>3</sub>	471-34-1	B	-	-	B
Calcium Chloride	<i>Cloruro di Calcio</i>	CaCl <sub>2</sub>	10043-52-4	B	B	B	-
Calcium Hypochlorite 5%	<i>Ipcolorito di calcio 5%</i>	Ca(ClO) <sub>2</sub>	7778-54-3	-	-	-	B
Calcium Hypochlorite	<i>Ipcolorito di calcio</i>	Ca(ClO) <sub>2</sub>	7778-54-3	-	-	-	B
Calcium Nitrate	<i>Nitrato di Calcio</i>	Ca(NO <sub>3</sub> ) <sub>2</sub>	10124-37-5	B	-	-	-
Calcium Sulfide (Lime Sulfur)	<i>Polisolfuro di Calcio</i>		1344-81-6	B	-	-	-
Calcium Sulphate	<i>Solfato di Calcio</i>			-	-	-	B
Camphor	<i>Canfora</i>			-	-	-	BO
Carbon	<i>Carbonio</i>			-	-	-	B

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>C</b>							
Carbon Dioxide	<i>Anidride Carbonica</i>	CO <sub>2</sub>	124-38-9	B	B	B	B
Carbon Disulfide	<i>Disolfuro di Carbonio</i>	CS <sub>2</sub>	75-15-0	BG	-	-	-
Carbon Monoxide	<i>Monossido di Carbonio</i>	CO	630-08-0	B	-	-	-
Carbon Tetrachloride	<i>Tetracloruro di Carbonio</i>	CCl <sub>4</sub>	56-23-5	O	N	N	-
Carbonyl Sulphide	<i>Solfuro di carbonile</i>	COS	463-58-1	B	-	-	-
Carbonic Acid	<i>Acido Carbonico</i>	H <sub>2</sub> CO <sub>3</sub>	463-79-6	B	B	B	B
Castor oil	<i>Olio di Ricino</i>			-	-	-	B
Castrol Anvol PE 46 XC	<i>Castrol Anvol PE 46 XC</i>			-	-	-	-
Castrol Anvol WG 46	<i>Castrol Anvol WG 46</i>			B	-	-	-
Castrol Brayco Micronic 882	<i>Castrol Brayco Micronic 882</i>			-	-	-	-
Castrol Brayco Micronic LV/3	<i>Castrol Brayco Micronic LV/3</i>			B	B	B	-
Castrol Brayco Micronic SV3	<i>Castrol Brayco Micronic SV3</i>			B	B	B	-
Castrol HLX (+60°C)	<i>Castrol HLX (+60°C)</i>			B	-	-	-
Castrol Transaqua™ HT	<i>Castrol Transaqua™ HT</i>			B	-	-	-
Chlorobenzene	<i>Monoclorobenzene</i>			O	-	-	-
Chlorine (gas) (1)	<i>Cloro (gas)</i>	Cl <sub>2</sub>	7782-50-5	N	-	-	N
Chlorine Carbonate	<i>Carbonato di Cloro</i>			-	O	O	-
Chlorine Dioxide 1%	<i>Diossido di Cloro 1%</i>	ClO <sub>2</sub>	10049-04-4	B	N	N	N
Chlorine Water 5%	<i>Candeggina 5%</i>			B	N	N	B
Chlorodifluoroethane (R142b)	<i>Clorodifluoroetano (R142b)</i>	C <sub>2</sub> H <sub>3</sub> ClF <sub>2</sub>	75-68-3	B	-	-	-
Chloroethane	<i>Cloroetano</i>	C <sub>2</sub> H <sub>5</sub> Cl	75-00-3	-	-	-	-
Chloroform	<i>Cloroformio</i>			O	N	N	N
Chloromethane	<i>Clorometano</i>	CH <sub>3</sub> Cl	74-87-3	-	-	-	-
Chloropentafluoroethane	<i>Cloropentafluoroetano</i>	C <sub>2</sub> ClF <sub>5</sub>	76-15-3	B	-	-	-
Chlorotetrafluoroethane	<i>Clorotetrafluoroetano</i>	C <sub>2</sub> HClF <sub>4</sub>	2837-89-0	-	-	-	-
Chlorotrifluoroethane	<i>Clorotrifluoroetano</i>	C <sub>2</sub> H <sub>2</sub> ClF <sub>3</sub>	75-88-7	-	-	-	-
Chlorotrifluoroethylene	<i>Clorotrifluoroetilene</i>	C <sub>2</sub> ClF <sub>3</sub>	79-38-9	-	-	-	-
Chlorotrifluoromethane	<i>Clorotrifluorometano</i>	CClF <sub>3</sub>	75-72-9	B	-	-	-
Chloronitrobenzene	<i>Cloronitrobenzene</i>			N	-	-	-
Chlorosulfuric acid	<i>Acido clorosolfonico</i>	HSO <sub>3</sub> Cl	7790-94-5	-	-	-	-
Chromic Acid 10%	<i>Acido Cromico 10%</i>	H <sub>2</sub> CrO <sub>4</sub>	7738-94-5	N	N	N	O
Cianacrilic Silicon	<i>Silicone Cianacrilico</i>			B	-	-	-
Cider	<i>Sidro</i>			-	-	-	B
Citric Acid	<i>Acido Citrico</i>	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	77-92-9	B	O	O	B
CLARIANT ANTIFROGEN N	<i>CLARIANT ANTIFROGEN N</i>			-	N	N	-
Coffee	<i>Caffè</i>			-	-	-	B
CONDAT D hydraulic oil	<i>CONDAT D olio idraulico</i>			B	-	-	-
CONTROX B 73 Pasty paint remover	<i>CONTROX B 73</i>			N	-	-	-
CONTROX E 181 Paint stripping agent	<i>CONTROX E 181</i>			N	-	-	-
Copper Chloride	<i>Cloruro di Rame</i>			-	-	-	B
Copper Cyanide	<i>Cianuro di Rame</i>			-	-	-	B
Copper Nitrate	<i>Nitrato di Rame</i>	Cu(NO <sub>3</sub> ) <sub>2</sub>	3251-23-8	-	-	-	B
Copper Salts	<i>Sali di Rame</i>			B	-	-	-
Copper Sulphate	<i>Solfato di Rame</i>			B	-	-	B
Cotton Oil	<i>Olio di Cotone</i>			-	-	-	B
Creosol	<i>Metilfenolo</i>			N	-	-	-
Crude oil	<i>Petrolio greggio</i>			B	-	-	-
Cutting Oil	<i>Olio da taglio</i>			-	-	-	-
Cyclohexane	<i>Cicloesano</i>			B	O	O	-
Cyclohexanol	<i>Cicloesanololo</i>			B	-	-	-
Cyclohexanone	<i>Cicloesanone</i>			B	N	N	-
Cyclopentane	<i>Ciclopentano</i>			B	-	-	-
Cyclopropane	<i>Ciclopropano</i>	C <sub>3</sub> H <sub>6</sub>	75-19-4	-	-	-	-
Cyanogen	<i>Cianogeno</i>	C <sub>2</sub> N <sub>2</sub>	460-19-5	-	-	-	-

(1) Before use, the hose must be flushed. Avoid sudden pressurization above 40 bar. Il tubo deve essere flussato prima dell'uso. Vanno evitate le repentine pressurizzazioni sopra i 40 bar.

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>D</b>							
Decahydronaphthalene	<i>Decaidronaftalina</i>			B	-	-	-
Decalin	<i>Decalina</i>			B	-	-	-
Denaturated Alcohol	<i>Alcool Denaturato</i>			BG	-	-	-
Desmodur 44 V 70 L	<i>Desmodur 44 V 70 L</i>			-	-	-	-
Detergents	<i>Detersivi</i>			-	-	-	B
Deuterium	<i>Deuterio</i>	D <sub>2</sub>		B	-	-	-
Diacetone Alcohol	<i>Alcool Diacetone</i>	C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>	123-42-2	B	-	-	-
Diammonium Phosphate	<i>Fosfato d'ammoniaca</i>			B	-	-	-
Diborane	<i>Diborano</i>	B <sub>2</sub> H <sub>6</sub>	19287-45-7	B	-	-	-
Dibromodifluoromethane	<i>Dibromodifluorometano</i>	CB <sub>2</sub> F <sub>2</sub>	75-61-6	B	-	-	-
Dibromotetrafluoroethane	<i>Dibromotetrafluoroetano</i>	C <sub>2</sub> Br <sub>2</sub> F <sub>4</sub>	124-73-2	B	-	-	-
Dibutyl Phthalate	<i>Dibutilftalato</i>	C <sub>16</sub> H <sub>22</sub> O <sub>4</sub>	84-74-2	-	-	-	-
Dibutyl Sebacate		C <sub>18</sub> H <sub>34</sub> O <sub>4</sub>	109-43-3	-	-	-	-
Dichlorodifluoromethane (R12)	<i>Diclorodifluorometano (R12)</i>	CCl <sub>2</sub> F <sub>2</sub>	75-71-8	B	-	-	-
Dichlorofluoromethane	<i>Diclorofluorometano</i>	CHCl <sub>2</sub> F <sub>2</sub>	75-43-4	B	-	-	-
Dichloroethane	<i>Dicloroetano</i>			O	-	-	-
Dichloroethylene	<i>Dicloroetilene</i>			O	N	N	-
Dichlorosilane	<i>Diclorosilano</i>	SiH <sub>2</sub> Cl <sub>2</sub>	4109-96-0	N	-	-	-
Dichloropropene	<i>Dicloropropene</i>	C <sub>3</sub> H <sub>4</sub> Cl <sub>2</sub>	542-75-6	N	-	-	N
Dichlorotetrafluoroethane	<i>Diclorotetrafluoroetano</i>	C <sub>2</sub> Cl <sub>2</sub> F <sub>4</sub>	76-14-2	B	-	-	-
Dicyclopentadiene	<i>Diciclopentadiene</i>	C <sub>10</sub> H <sub>12</sub>	77-73-6	N	N	N	N
Diesel	<i>Gasolio</i>			B	B	B	N
Diesel (60°C)	<i>Gasolio (60°C)</i>			B	-	-	-
Diesel Oil	<i>Nafta</i>			B	-	-	-
Diethanolamine	<i>Dietalonamina</i>			B	-	-	-
Diethyl ether	<i>Etere Dietilico</i>	C <sub>4</sub> H <sub>10</sub> O		B	-	-	-
Diethylene Glycol (DEG)	<i>Glicole Dietilenico (DEG)</i>	C <sub>4</sub> H <sub>10</sub> O <sub>4</sub>	111-46-6	-	O	O	-
Difluoroethane (R152a)	<i>Difluoroetano (R152a)</i>	C <sub>2</sub> H <sub>4</sub> F <sub>2</sub>	75-37-6	B	-	-	-
Difluoroethylene (R132a)	<i>Fluoruro di Vinilidene (R132a)</i>	C <sub>2</sub> H <sub>2</sub> F <sub>2</sub>	75-38-7	-	-	-	-
Dilauroyl Peroxide	<i>Perossido di Laurile</i>			B	-	-	-
Dimethylamine	<i>Dimetilammina</i>	C <sub>2</sub> H <sub>7</sub> N	124-40-3	-	-	-	-
Dimethyl Sulphate	<i>Dimetilsolfato</i>			B	N	N	-
Dimethylether DME	<i>Dimetiletere DME</i>	C <sub>2</sub> H <sub>6</sub> O	115-10-6	B	-	-	B
Dimethyl ketone	<i>Dimetilchetone</i>			B	N	N	-
Dimethylformamide DMF (23°C)	<i>Dimetilformamide DMF (23°C)</i>	C <sub>3</sub> H <sub>7</sub> NO	68-12-2	B	N	N	-
Dimethyl Phthalate	<i>Dimetilftalato</i>	C <sub>10</sub> H <sub>10</sub> O <sub>4</sub>	131-11-3	N	-	-	-
Dimethyl Sulfoxide (DMSO)	<i>Dimetilsolfossido (DMSO)</i>	C <sub>2</sub> H <sub>6</sub> SO	67-68-5	B	N	N	B
Di-n-butyl Phthalate	<i>Dibutilftalato</i>			-	-	-	N
Diphenylmethane diisocyanate MDI	<i>Difenilmetano diisocianato MDI</i>	C <sub>15</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>	101-68-8	N	N	N	N
Dipropylene glycol monomethyl ether (DPGME)	<i>Glicole dipropilenico monometiletero (DPGME)</i>		34590-94-8	-	-	-	-
Diocetyl Phosphate	<i>Dioctilfosfato</i>			B	-	-	-
Diocetyl Phthalate	<i>Dioctilftalato</i>	C <sub>24</sub> H <sub>38</sub> O <sub>4</sub>	117-81-7	-	-	-	-
Dioxine	<i>Dioxane</i>			B	-	-	-
Diphenyl	<i>Difenile</i>			B	-	-	-
Disilane	<i>Disilano</i>	Si <sub>2</sub> H <sub>6</sub>	1590-87-0	-	-	-	-
D-limonene	<i>D-limonene</i>			B	N	N	N
DM Clean Super	<i>DM Clean Super</i>			-	-	-	B
Dynalene HF-LO	<i>Dynalene HF-LO</i>			N	N	N	-
Dynasolve CU-6	<i>Dynasolve CU-6</i>			N	N	N	B

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>E</b>							
Emkarate RL	<i>Emkarate RL</i>			B	-	-	-
Engine Oil	<i>Olio motore</i>			B	-	-	-
ERIFON HD 603 HP	<i>ERIFON HD 603 HP</i>			B	-	-	B
Ethane	<i>Etano</i>	C <sub>2</sub> H <sub>6</sub>	74-84-0	B	-	-	-
Ethanolamine	<i>Etanolamina</i>		141-43-5	B	N	N	-
Ether	<i>Etere</i>			-	-	-	N
2-Ethyl-1-hexanol	<i>2-etilesanolo (alcol isoottilico)</i>		104-76-7	B	N	N	B
Ethyl Acetate	<i>Acetato di Etile</i>	C <sub>2</sub> H <sub>5</sub> O <sub>2</sub>	141-78-6	B	-	-	-
Ethyl Alcohol (Ethanol)	<i>Alcool Etilico (Etanolo)</i>	CH <sub>3</sub> CH <sub>2</sub> OH	64-17-5	BG	N	N	B
Ethylamine	<i>Etilamina</i>	C <sub>2</sub> H <sub>7</sub> N	75-04-7	N	-	-	-
Ethyl and Methyl Bromide	<i>Bromuro Etile e Metile</i>			B	-	-	-
Ethyl Ester	<i>Estere Etilico</i>			B	-	-	-
Ethylbenzene	<i>Etilbenzene</i>			B	-	-	-
Ethylene	<i>Etilene</i>	C <sub>2</sub> H <sub>4</sub>	74-85-1	B	-	-	-
Ethylene Chloride	<i>Cloruro d'Etilene</i>	C <sub>2</sub> H <sub>4</sub> Cl <sub>2</sub>	107-06-2	B	-	-	-
Ethylene Glycol	<i>Glicole Etilenico (Monoetilenglicole)</i>	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>	107-21-1	B	O	O	B
Ethylene Oxide	<i>Ossido di Etilene</i>	C <sub>2</sub> H <sub>4</sub> O	75-21-8	B	-	-	-
Ethyl Mercaptan, Ethanethiol	<i>Etilmercaptano, Etantiolo</i>	C <sub>2</sub> H <sub>6</sub> S	75-08-1	-	-	-	-
Esso Univis J26	<i>Esso Univis J26</i>			B	-	-	-
Exxsol D40	<i>Exxsol D40</i>			-	-	-	B
Exxsol D60	<i>Exxsol D60</i>			-	-	-	B
<b>F</b>							
Fatty Acid Esters	<i>Esteri d'acidi grassi</i>			B	-	-	-
Ferric Chlorine	<i>Cloruro Ferrico</i>			B	-	-	-
Ferric Nitrate	<i>Nitrato Ferrico</i>	Fe(NO <sub>3</sub> ) <sub>3</sub>	7782-61-8	-	-	-	B
Ferrous Chloride	<i>Cloruro Ferroso</i>			-	-	-	B
Ferrous Sulphate	<i>Solfato Ferroso</i>			-	-	-	B
Fluoride	<i>Fluoruro</i>	F <sup>-</sup>	16984-48-8	N	N	N	N
Fluorine	<i>Fluoro</i>	F <sub>2</sub>	7782-41-4	N	N	N	N
Fluorinert™ 3M	<i>Fluorinert™ 3M</i>			-	-	-	-
Fluorine Carbonate	<i>Carbonato di Fluoro</i>			-	O	O	-
Fluoroethane	<i>Fluoroetano</i>	C <sub>2</sub> H <sub>5</sub> F	353-36-6	B	-	-	-
Fluoromethane	<i>Fluorometano</i>	CH <sub>3</sub> F	593-53-3	B	-	-	-
Forane	<i>Forane</i>			B	-	-	-
Forane 12 B1	<i>Forane 12 B1</i>			O	-	-	-
Formaldehyde	<i>Formaldeide</i>			O	N	N	B
Formalin	<i>Formalina</i>			B	N	N	B
Formic Acid 50%	<i>Acido Formico 50%</i>	HCO <sub>2</sub> H	64-18-6	N	N	N	B
Formol	<i>Formolo</i>			B	-	-	-
Fruit Juice	<i>Succo di frutta</i>			-	B	B	B
Fuchs Plantohyd 40 N bio	<i>Fuchs Plantohyd 40 N Bio</i>			B	O	O	-
Fuel E5	<i>Benzina E5</i>			B	-	-	-
Fuel E10	<i>Benzina E10</i>			BG	-	-	-
Fuel Oil	<i>Olio combustibile</i>			B	-	-	O
Furfural	<i>Furfurale</i>	C <sub>5</sub> H <sub>4</sub> O <sub>2</sub>	98-01-1	BG	-	-	-
Fyrquel® Fire resistance fluid	<i>Fyrquel® Fire resistance fluid</i>			B	N	N	-

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>G</b>							
Galden® HT PFPE	<i>Galden® HT PFPE</i>			-	-	-	B
Gasoline	<i>Benzina verde</i>			B	B	B	N
Gelatine	<i>Gelatina</i>			-	-	-	B
Germane	<i>Germano</i>	GeH <sub>4</sub>	7782-65-2	B	-	-	-
Glucose	<i>Glucosio</i>			B	-	-	-
Glycerine	<i>Glicerina</i>			BG	B	B	-
Glycol	<i>Glicole</i>			BG	O	O	B
Graphite + Water	<i>Grafite + Acqua</i>			B	-	-	-
<b>H</b>							
Halon 1301 (bromotrifluoromethane)	<i>Halon 1301 (bromotrifluorometano)</i>	CBrF <sub>3</sub>	75-63-8	N	-	-	-
Halon 2402	<i>Halon 2402</i>			B	-	-	-
Helium	<i>Elio</i>	He	7440-59-7	B	B	B	-
Heliox	<i>Heliox</i>			B	-	-	B
Heptane	<i>Eptano</i>			B	-	-	-
Hexafluoroethane	<i>Esafluoroetano</i>	C <sub>2</sub> F <sub>6</sub>	76-16-4	B	-	-	-
Hexafluoropropene	<i>Pentafluoropropene</i>	C <sub>3</sub> F <sub>6</sub>	116-15-4	B	-	-	-
Hexane	<i>Esano</i>			B	-	-	-
Hexanol	<i>Esanolo</i>			-	-	-	O
Honey	<i>Miele</i>			-	-	-	B
Hydraulic Oil – HFDU ester base	<i>Olio idraulico – HFDU base estere</i>			B	-	-	-
Hydraulic Oil – HLP mineral base	<i>Olio idraulico – HLP base minerale</i>			B	-	-	N
Hydraulic Oil – PAO base	<i>Olio idraulico – base PAO</i>			B	-	-	O
Hydraulic Oil – Paraffin base	<i>Olio idraulico – base Paraffinica</i>			B	-	-	-
Hydraulic Oil – Phosphate-ester base	<i>Olio idraulico – base esteri fosforici</i>			B	-	-	-
Hydraulic Oil – Saturated Synthetic Ester base	<i>Olio idraulico – base esteri sintetici saturi</i>			B	-	-	-
Hydraulic Oil	<i>Olio Idraulico</i>			B	B	B	N
Hydrochloric Acid 10%	<i>Acido Cloridrico 10%</i>	HCl	7647-01-0	B	N	N	B
Hydrochloric Acid 37%	<i>Acido Cloridrico 37%</i>	HCl	7647-01-0	N	N	N	B
Hydrofluoric Acid 40%	<i>Acido Fluoridrico 40%</i>	HF	7664-39-3	N	N	N	B
Hydrogen <sup>(2)</sup>	<i>Idrogeno <sup>(1)</sup></i>	H <sub>2</sub>	1333-74-0	B	N	N	-
Hydrogen Bromide (gas)	<i>Acido Bromidrico (gas)</i>	HBr	10035-10-6	N	-	-	-
Hydrogen Chloride (gas)	<i>Cloruro di idrogeno (gas)</i>	HCl	7647-01-0	N	-	-	-
Hydrogen Cyanide (gas)	<i>Acido Cianidrico (gas)</i>	HCN	74-90-8	N	-	-	B
Hydrogen Fluoride (gas)	<i>Fluoruro di idrogeno (gas)</i>	HF	7664-39-3	N	-	-	-
Hydrogen Iodide	<i>Ioduro di idrogeno</i>	HI	10034-85-2	N	-	-	-
Hydrogen Peroxide 20 vol (6%)	<i>Acqua Ossigenata 20 vol (6%)</i>	H <sub>2</sub> O <sub>2</sub>	7722-84	O	O	O	B
Hydrogen Peroxide 120 vol (35%)	<i>Acqua Ossigenata 20 vol (35%)</i>	H <sub>2</sub> O <sub>2</sub>	7722-84	N	N	N	O
Hydrogen Sulfide (gas)	<i>Acido Solfidrico (gas)</i>	H <sub>2</sub> S	7783-06-4	B	N	N	B
Hydroquinone	<i>Idrochinone</i>			-	-	-	B
Houghton Hocut AS 4000 EH-V	<i>Houghton Hocut AS 4000 EH-V</i>			-	-	-	-
Houghto-Safe 620 E	<i>Houghto-Safe 620 E</i>			-	-	-	-
Houghto-Safe 1120	<i>Houghto-Safe 1120</i>			B	-	-	-
Huntsman Accelerator DY 070	<i>Huntsman Accelerator DY 070</i>			B	-	-	-
Huntsman Aradur® 917 CH	<i>Huntsman Aradur® 917 CH</i>			B	-	-	-
Huntsman Araldite® LY 556	<i>Huntsman Araldite® LY 556</i>			B	-	-	-

(2) Before use, the hose must be flushed. Avoid sudden pressurization above 40 bar. Il tubo deve essere flussato prima dell'uso. Vanno evitate le repentine pressurizzazioni sopra i 40 bar.

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>I</b>							
Igepal	<i>Igepal</i>			-	-	-	O
Inks	<i>Inchiostri</i>			-	-	-	B
Iodine	<i>Iodio</i>			-	-	-	O
Iodine Potassium	<i>Ioduro di Potassio</i>			B	-	-	-
Iron	<i>Ferro</i>			-	-	-	B
Iron Salts	<i>Sali di Ferro</i>			B	-	-	-
Isododecane	<i>Isododecano</i>	C <sub>12</sub> H <sub>26</sub>		-	N	N	-
Isobutane	<i>Isobutano</i>	C <sub>4</sub> H <sub>10</sub>	72-28-5	B	O	O	-
Isobutyl Acetate	<i>Acetato di Isobutile</i>		110-19-0	B	N	N	-
Isobutylene	<i>Isobutene</i>	C <sub>4</sub> H <sub>8</sub>	115-11-7	B	-	-	-
Isocyanates	<i>Isocianati</i>			O	O	O	-
Isoforane	<i>Isoforano</i>			B	-	-	-
ISOPAR H Fluid	<i>ISOPAR H Fluid</i>		64742-48-9	B	-	-	N
Isopropane	<i>Isopropano</i>			-	N	N	-
Isopropyl Acetate	<i>Isopropil Acetato</i>		108-21-4	-	-	-	-
Isopropyl Alcohol	<i>Alcool Isopropilico</i>	C <sub>3</sub> H <sub>8</sub> O	67-63-0	BG	N	N	-
Isooctane	<i>Isocetano</i>			B	-	-	-
<b>K</b>							
Kerosene	<i>Kerosene</i>			B	-	-	-
Ketones	<i>Chetoni</i>			-	-	-	O
Klüberfood 4 NH1-46	<i>Klüberfood 4 NH1-46</i>			B	-	-	-
Krypton	<i>Kripton</i>	Kr	7439-90-9	B	-	-	-
<b>L</b>							
Lactic Acid 10%	<i>Acido Lattico 10%</i>	C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>	50-21-5	B	N	N	B
Lanolin	<i>Lanolina</i>			B	-	-	-
Latex	<i>Lattice</i>			-	-	-	B
Leguminous Vegetables	<i>Legumi</i>			-	-	-	B
Lime Idrates	<i>Calce Idrata</i>			B	-	-	-
Linseed Oil	<i>Olio di Lino</i>			B	-	-	-
Liquid Wax	<i>Cera liquida</i>			B	-	-	-
LOXEAL	<i>LOXEAL</i>			-	-	-	B
LPG	<i>GPL</i>			B	-	-	-
Luperox® K3 E	<i>Luperox® K3 E</i>			N	N	N	N
Lye of Potassium	<i>Lisciva di Potassio</i>			B	-	-	-
Lye of soda concentrated	<i>Liscivia di Soda concentrata</i>			N	-	-	-
<b>M</b>							
Magnesium Chloride 50%	<i>Cloruro di Magnesio 50%</i>	MgCl <sub>2</sub>	7786-30-3	B	-	-	-
Magnesium Salts	<i>Sali di Magnesio</i>			B	-	-	-
Magnesium Sulphate	<i>Solfato di Magnesio</i>			-	-	-	B
Maleic Acid	<i>Acido Maleico</i>	C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>	110-16-7	-	-	-	B
Margarine	<i>Margarina</i>			-	-	-	B
Mayonnaise	<i>Maionese</i>			-	-	-	B
Mercurochrome	<i>Mercurocromo</i>			B	-	-	-
Mercury	<i>Mercurio</i>			B	-	-	-
Methane	<i>Metano</i>	CH <sub>4</sub>	74-82-8	B	-	-	-
Methanethiol Methyl Mercaptan)	<i>Metantiolo (Metilmercaptano)</i>	CH <sub>3</sub> S	74-93-1	B	-	-	-
Methyl Acetate	<i>Acetato di Metile</i>	CH <sub>3</sub> COOCH <sub>3</sub>	79-20-9	B	-	-	-



<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>M</b>							
Methylamine	<i>Metilammina</i>	CH <sub>3</sub> N	74-89-5	B	-	-	-
Methylacetylene (Propyne)	<i>Metilacetilene (Propino)</i>	C <sub>3</sub> H <sub>4</sub>	74-99-7	-	-	-	-
Methyl Alcohol (Methanol)	<i>Alcool Metilico (Metanolo)</i>	CH <sub>3</sub> OH	67-56-1	BG	N	N	B
Methyl Bromide	<i>Bromuro di metile</i>	CH <sub>3</sub> Br	74-83-9	-	-	-	-
Methyl Chloride Gas	<i>Cloruro di Metile Gas</i>			B	-	-	-
Methyl Ethyl ketone (MEK)	<i>Metiletichetone (MEK)</i>	C <sub>4</sub> H <sub>8</sub> O	78-93-3	B	N	N	N
Methyl Ethyl Ketone Peroxide (MEKP)	<i>Metiletichetone Perossido (MEKP)</i>	C <sub>8</sub> H <sub>16</sub> O <sub>4</sub>	1338-23-4	B	-	-	-
Methyl Isobutyl Ketone (MIBK)	<i>Metilisobutilchetone</i>			B	N	N	N
Methyl Methacrylate	<i>Metil metacrilato</i>		80-62-6	-	N	N	-
Methyl Oil	<i>Olio di Metile</i>			-	-	-	N
Methyl Silane	<i>Metilsilano</i>	CH <sub>3</sub> Si	992-94-9	-	-	-	-
Methyl Sulphate	<i>Solfato di Metile</i>			B	-	-	-
1-Methyl-2-Pyrrolidinone (NMP)	<i>1-Metil-2-Pirrolidone (NMP)</i>	C <sub>5</sub> H <sub>9</sub> NO	872-50-4	N	-	-	-
Methylene Chloride (Dichloromethane)	<i>Cloruro di Metilene (Diclorometano)</i>	CH <sub>2</sub> Cl <sub>2</sub>	75-09-2	O	N	N	N
Metox 50	<i>Metox 50</i>			N	-	-	-
Milk	<i>Latte</i>			-	B	B	B
Milk of Lime	<i>Latte di Calce</i>			B	-	-	-
Mineral Oil (White Mineral Oil)	<i>Olio Minerale</i>			B	-	-	-
M-I Swaco SI-4126 (40°C)	<i>M-I Swaco SI-4126 (40°C)</i>			B	-	-	-
M-I Swaco KI-3345 (40°C)	<i>M-I Swaco KI-3345 (40°C)</i>			B	-	-	-
Mobil Aero HFD	<i>Mobil Aero HFD</i>			B	-	-	-
Mobil DTE 800 series	<i>Mobil DTE 800 series</i>			B	-	-	-
Mobil DTE 10	<i>Mobil DTE 10</i>			B	-	-	-
Mobil DTE 24	<i>Mobil DTE 24</i>			B	-	-	-
Monoethanolamine	<i>Monoetanolammina</i>	C <sub>2</sub> H <sub>7</sub> NO	141-43-5	BG	-	-	-
Mustard	<i>Mostarda</i>			-	-	-	B
<b>N</b>							
NALCO 3DT222	<i>NALCO 3DT222</i>			-	N	N	B
Naphtha	<i>Nafta</i>			B	B	B	B
Naphthalene	<i>Naftalina</i>			B	-	-	-
Natural Gas	<i>Gas naturale</i>			B	-	-	-
Naval distillate fuel, NATO F-76	<i>Naval distillate fuel, NATO F-76</i>			B	-	-	-
Nekanil	<i>Nekanil</i>			-	-	-	N
Neon	<i>Neon</i>	Ne	7440-01-9	B	-	-	-
n-hexane (20°C)	<i>n-esano (20°C)</i>	C <sub>6</sub> H <sub>14</sub>	110-54-3	B	O	O	B
n-hexane (50°C)	<i>n-esano (50°C)</i>	C <sub>6</sub> H <sub>14</sub>	110-54-3	O	N	N	O
Nickel	<i>Nichel</i>			-	-	-	B
Nickel Salts	<i>Sali di Nickel</i>			B	-	-	-
NIKUTEX 2397 Purge thinner	<i>NIKUTEX 2397</i>			N	-	-	-
Nitric Acid 40%	<i>Acido Nitrico 40%</i>	HNO <sub>3</sub>	7697-37-2	N	N	N	N
Nitric Oxide <sup>(1)</sup>	<i>Monossido di azoto</i>	NO	10102-43-9	N	-	-	-
Nitrobenzene	<i>Nitrobenzene</i>	C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub>	98-95-3	OG	-	-	-
Nitrocellulose Paints	<i>Vernice Nitrocellulosa</i>			B	-	-	-
Nitrogen	<i>Azoto</i>	N <sub>2</sub>	7727-37-9	B	B	B	B
Nitrogen Dioxide <sup>(1)</sup>	<i>Diossido di azoto</i>	NO <sub>2</sub>	10102-44-0	N	N	N	-
Nitrogen Tetroxide (Nitrogen Peroxide)	<i>Tetrossido di azoto (Perossido di azoto)</i>	N <sub>2</sub> O <sub>4</sub>	10544-72-6	N	N	N	N
Nitrogen Trifluoride	<i>Trifluoruro di azoto</i>	NF <sub>3</sub>	7783-54-2	-	-	-	-
Nitromethane + Methanol 40/60%	<i>Nitrometano + Metanolo</i>			BG	-	-	-
Nitrous Oxide <sup>(1)</sup>	<i>Protossido d'Azoto</i>	N <sub>2</sub> O	10024-97-2	O	-	-	-
Norox® MEKP-9	<i>Norox® MEKP-9</i>			B	-	-	-
Novec™ 71DE	<i>Novec™ 71DE</i>			-	-	-	-
Novec™ 7000,649,7100,774,7200,7300,7500,7700	<i>Novec™ 7000,649,7100,774,7200,7300,7500,7700</i>			B	-	-	B

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>O</b>							
OB200	<i>OB200</i>			B	-	-	-
OCEANIC HW 425 (60°C)	<i>OCEANIC HW 425 (60°C)</i>			B	-	-	-
OCEANIC HW 443 Series	<i>OCEANIC HW 443 Series</i>			B	-	-	B
OCEANIC HW 740 R	<i>OCEANIC HW 740 R</i>			B	-	-	B
Octafluoropropane	<i>Perfluoropropano</i>	$C_3F_8$	76-19-7	B	-	-	-
Octane	<i>Octano</i>			B	-	-	-
Oil of Turpentine	<i>Essenza di trementina</i>			B	-	-	-
Oil Paints	<i>Vernici ad Olio</i>			-	-	-	N
Olbein Q8 Bio	<i>Olbein Q8 Bio</i>			B	O	O	-
Oleic Acid	<i>Acido Oleico</i>		112-80-1	B	-	-	-
Oleum	<i>Oleum</i>			N	-	-	-
Organic Peroxide	<i>Perossido Organico</i>			O	O	O	-
Ortho-D-Chlorobenzene	<i>Ortodiclorobenzene</i>			O	-	-	-
Oxalic Acid	<i>Acido Ossalico</i>	$(COOH)_2$	144-62-7	B	-	-	-
Oxygen <sup>(3)</sup>	<i>Ossigeno <sup>(1)</sup></i>	$O_2$	7782-44-7	B	B	B	B
Oxygen <sup>(1)</sup> (60°C)	<i>Ossigeno <sup>(1)</sup> (60°C)</i>	$O_2$	7782-44-7	B	O	O	O
Oxymek M-60	<i>Oxymek M-60</i>			N	-	-	-
Ozone	<i>Ozono</i>			N	O	O	N
<b>P</b>							
Paradichlorobenzene	<i>Paradichlorobenzene</i>			B	-	-	-
Paint thinner	<i>Diluente Nitro</i>			B	-	-	-
Panolin HLP Synth	<i>Panolin HLP Synth</i>			B	-	-	-
Paraffin	<i>Paraffina</i>			B	-	-	N
Paraffin Oil	<i>Olio di Paraffina</i>			B	-	-	-
Peanut Oil	<i>Olio di Arachide</i>			B	-	-	-
Pelagic 100	<i>Pelagic 100</i>			B	-	-	B
Pentane	<i>Pentano</i>			B	O	O	-
Pentosin CHF 7.1	<i>Pentosin CHF 7.1</i>			B	-	-	-
Peracetic acid	<i>Acido peracetico</i>	$CH_3CO_3H$	79-21-0	-	N	N	N
Perchloric Acid	<i>Acido Perclorico</i>	$HClO_4$	7601-90-3	N	N	N	N
Perchloroethylene	<i>Percloroetilene</i>			O	N	N	-
Perfluoroisobutene	<i>Perfluoroisobutene</i>	$C_4F_8$	382-21-8	B	-	-	-
Perfluorocyclobutane	<i>Perfluorociclobutano</i>	$C_4F_8$	115-25-3	B	-	-	-
Petroleum	<i>Petrolio</i>			B	-	-	-
Petroleum ester	<i>Estere di petrolio</i>			B	-	-	-
Phenol	<i>Fenolo</i>			N	N	N	N
Phosgene	<i>Fosgene</i>	$COCl_2$	75-44-5	N	-	-	-
Phosphine	<i>Fosfina</i>	$PH_3$	7803-51-2	N	-	-	-
Phosphoric Acid 10%	<i>Acido Fosforico 10%</i>	$H_3PO_4$	7664-38-2	B	O	O	B
Phosphoric Acid 30%	<i>Acido Fosforico 30%</i>	$H_3PO_4$	7664-38-2	N	N	N	-
Phosphoric Anhydride	<i>Anidride Fosforica</i>			-	-	-	B
PAO (PolyAlphaOlefin) Synthetic Hydrocarbon	<i>PAO</i>			B	-	-	BO
Phosphoric Ester	<i>Estere Fosforico</i>			B	-	-	-
Phosphorus Oxychloride	<i>Ossicloruro di Fosforo</i>	$POCl_3$	10025-87-3	N	-	-	-
Phosphorous	<i>Fosforo</i>	P		-	-	-	B
Phosphorous Trichloride	<i>Tricloruro di Fosforo</i>	$PCl_3$	7719-12-2	N	-	-	-
Photographic Emulsions	<i>Emulsioni fotografiche</i>			-	-	-	B
Picric Acid	<i>Acido Picrico</i>	$C_6H_3N_3O_7$	88-89-1	O	-	-	-
Pine Oil	<i>Olio di Pino</i>			B	-	-	-

(3) Before use, the hose must be flushed. Avoid sudden pressurization above 40 bar. Il tubo deve essere flussato prima dell'uso. Vanno evitate le repentine pressurizzazioni sopra i 40 bar.

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>P</b>							
Polyacrylamide	<i>Poliacrilamide</i>		9003-05-8	-	-	-	-
Poly-Aluminium-Chloride, PAC	<i>Policloruro di Alluminio</i>		1327-41-9	B	-	-	B
Polyvinylacetate (PVAc)	<i>Polivinilacetato</i>		9003-20-7	-	-	-	-
Potassium 50%	<i>Potassio 50%</i>			B	-	-	B
Potassium Acetate	<i>Acetato di Potassio</i>	CH <sub>3</sub> COOK	127-08-2	B	-	-	B
Potassium Bichromate	<i>Bicromato di Potassio</i>			O	-	-	-
Potassium Bromide	<i>Bromuro di Potassio</i>			-	-	-	B
Potassium Carbonate	<i>Carbonato di Potassio</i>			B	-	-	-
Potassium Chloride	<i>Cloruro di Potassio</i>			B	-	-	-
Potassium Ferrocyanide	<i>Ferrocianuro Potassio</i>			B	-	-	-
Potassium Hydroxide 50%	<i>Idrossido di Potassio 50%</i>	KOH	1310-58-3	O	N	N	B
Potassium Nitrate	<i>Nitrato di Potassio</i>	KNO <sub>3</sub>	7757-79-1	BG	-	-	-
Potassium Permanganate 5%	<i>Permanganato di Potassio 5%</i>			N	-	-	-
Potassium Sulphate	<i>Solfato di Potassio</i>			B	-	-	-
Propadiene	<i>Propadiene</i>	C <sub>3</sub> H <sub>4</sub>	463-49-0	-	-	-	-
Propane	<i>Propano</i>	C <sub>3</sub> H <sub>8</sub>	74-98-6	B	-	-	-
Propyl Acetate (n-propyl acetate)	<i>Propile Acetato (acetato di n-propile)</i>		109-60-4	-	-	-	-
n-Propyl Alcohol	<i>Alcool n-Propilico</i>		71-23-8	N	N	N	-
Propylene (Propene)	<i>Propilene</i>	C <sub>3</sub> H <sub>6</sub>	115-07-1	-	-	-	-
Propylene Chloride (Dichloropropane)	<i>Dicloropropano</i>	C <sub>3</sub> H <sub>6</sub> Cl <sub>2</sub>	78-87-5	-	-	-	N
Propylene Oxide	<i>Ossido di propilene</i>	C <sub>3</sub> H <sub>6</sub> O	75-56-9	-	-	-	-
PVA glue	<i>Colla vinilica</i>			B	-	-	-
Pyridine Oil	<i>Olio di Piridina</i>			O	-	-	-
Pyridine Pure	<i>Piridina Pura</i>			O	N	N	-
<b>Q</b>							
Q8 Holbein Bio Plus	<i>Q8 Holbein Bio Plus</i>			B	-	-	-
<b>R</b>							
R1234yf	<i>R1234yf</i>			B	-	-	-
R1234ze	<i>R1234ze</i>			B	-	-	-
R125	<i>R125</i>			B	-	-	-
R134a	<i>R134a</i>			B	-	-	-
R22 (Chlorodifluoromethane)	<i>R22 (Clorodifluorometano)</i>	CHClF <sub>2</sub>	75-45-6	B	-	-	-
R32	<i>R32</i>			B	-	-	-
R404	<i>R404</i>			B	-	-	-
R407	<i>R407</i>			B	-	-	-
R410	<i>R410</i>			B	-	-	-
R452a	<i>R452a</i>			B	-	-	-
R455a	<i>R455a</i>			B	-	-	-
Rapeseed Oil	<i>Olio di Colza</i>			B	-	-	-
Resorcin	<i>Résorcina</i>			N	-	-	-
ROLOIL Li32 hydraulic oil	<i>ROLOIL Li32 olio idraulico</i>			B	-	-	-
<b>S</b>							
SAE 10 Oil	<i>Olio SAE 10</i>			-	-	-	-
SAE 80/90 hypoid-gear oil	<i>Olio SAE 80/90 per ingranaggi ipoidi</i>			B	-	-	-
Salicylic Acid	<i>Acido Salicilico</i>	C <sub>7</sub> H <sub>6</sub> O <sub>3</sub>	69-72-7	B	-	-	-
Scentinel TB Gas Odorant	<i>Scentinel TB Gas Odorant</i>			-	-	-	-
Scentinel A Gas Odorant	<i>Scentinel A Gas Odorant</i>			-	-	-	-

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>S</b>							
Sea Water	<i>Acqua di mare</i>			B	O	B	B
Sea Salt	<i>Sale Marino</i>			B	B	B	B
Shampoo	<i>Shampoo</i>			-	-	-	B
Shell D971	<i>Shell D971</i>			B	-	-	-
Shell Ecosafe S3 DU 46 (ex FR 46)	<i>Shell Ecosafe S3 DU 46 (ex FR 46)</i>			-	B	B	-
Shell Naturelle HFE 46	<i>Shell Naturelle HFE 46</i>			B	-	-	-
Shell Tellus S2 V 46	<i>Shell Tellus S2 V 46</i>			B	-	-	-
Shell Turbo S5 DR46	<i>Shell Turbo S5 DR46</i>			B	-	-	-
Silane	<i>Silano</i>	SiH <sub>4</sub>	7803-62-5	-	-	-	-
Silicate	<i>Silicati</i>			B	-	-	-
Silicon Grease-Oil	<i>Silicone Grasso - Olio</i>			B	B	B	-
Silicon Oil	<i>Olio di Silicone</i>			B	-	-	-
Silicon Tetrachloride	<i>Tetracloruro di silicio</i>	SiCl <sub>4</sub>	10026-04-7	N	-	-	-
Silicon Tetrafluoride	<i>Tetrafluoruro di silicio</i>	SiF <sub>4</sub>	7783-61-1	N	-	-	-
Silver Nitrate	<i>Nitrato d'Argento</i>	AgNO <sub>3</sub>	7761-88-8	-	-	-	B
Silver Salt	<i>Sali d'Argento</i>			B	-	-	-
Sikasil SG-500	<i>Sikasil SG-500</i>			-	-	-	-
Skydrol 500B	<i>Skydrol 500B</i>			B	N	N	B
Skydrol HyJet IV-A plus (+60°C)	<i>Skydrol HyJet IV-A plus (+60°C)</i>			B	N	N	B
Skydrol Hyjet V	<i>Skydrol Hyjet V</i>			N	-	-	-
Skydrol LD4	<i>Skydrol LD4</i>			B	N	N	B
Soap Solution	<i>Sapone Soluzione</i>			B	-	-	-
Sodium Aluminate	<i>Alluminato di sodio</i>	NaAlO <sub>2</sub>	11138-49-1	B	-	-	-
Sodium Bicarbonate	<i>Bicarbonato di Sodio</i>	NaHCO <sub>3</sub>	144-55-8	B	-	-	B
Sodium Borate Solution	<i>Borace soluzione</i>			-	-	-	-
Sodium Carbonate 50%	<i>Carbonato di Sodio 50%</i>			B	-	-	-
Sodium Chlorate 25%	<i>Clorato di Sodio 25%</i>			B	-	-	-
Sodium Chloride	<i>Cloruro di Sodio</i>	NaCl		B	B	B	B
Sodium Hydroxide 10%	<i>Idrossido di Sodio 10%</i>	NaOH	1310-73-2	B	N	N	B
Sodium Hydroxide 50%	<i>Idrossido di Sodio 50%</i>	NaOH	1310-73-2	O	N	N	B
Sodium Hydroxide 100%	<i>Idrossido di Sodio 100%</i>	NaOH	1310-73-2	O	N	N	B
Sodium Hypochlorite 10%	<i>Ipclorito di Sodio 10%</i>	NaOCl	7681-52-9	OG	-	-	B
Sodium Hypochlorite 20%	<i>Ipclorito di Sodio 20%</i>	NaOCl	7681-52-9	N	N	N	B
Sodium Metasilicate	<i>Metasilicato di Sodio (Silicato di sodio)</i>		6834-92-0	B	B	B	-
Sodium Nitrate	<i>Nitrato di Sodio</i>	NaNO <sub>3</sub>	7631-99-4	B	B	B	-
Sodium Sulphate	<i>Solfato di Sodio</i>			B	-	-	-
Sodium Sulphide	<i>Solfuro di Sodio</i>			B	-	-	-
Sodium Sulphite	<i>Solfito di Sodio</i>			B	B	B	-
Sodium Thiosulphate	<i>Tiosolfato di Sodio</i>			B	-	-	-
Solcenic 801D	<i>Solcenic 801D</i>			B	-	-	-
Soybean oil	<i>Olio di semi di soia</i>			B	B	B	BO
Starch	<i>Amido</i>			B	-	-	-
Stearin	<i>Stearina</i>			B	-	-	-
Steric Acid	<i>Acido Stearico</i>	C <sub>18</sub> H <sub>36</sub> O <sub>2</sub>	57-11-4	B	-	-	-
Styrene	<i>Stirene</i>			B	-	-	-
Succinic Acid	<i>Acido Succinico</i>	C <sub>4</sub> H <sub>6</sub> O <sub>4</sub>	110-15-6	B	-	-	-
Sugar	<i>Zucchero</i>			-	-	-	B
Sulfamic Acid	<i>Acido Solfammico</i>	H <sub>3</sub> SNO <sub>3</sub>	5329-14-6	N	N	N	-
Sulfated Ester	<i>Estere Solforico</i>			B	-	-	-
Sulfur Dioxide	<i>Anidride Solforosa</i>	SO <sub>2</sub>	7446-09-5	N	-	-	N
Sulfur Hexafluoride	<i>Esafuoruro di zolfo</i>	SF <sub>6</sub>	2551-62-4	B	-	-	-
Sulfur Tetrafluoride	<i>Tetrafluoruro di Zolfo</i>	SF <sub>4</sub>	7783-60-0	B	-	-	-
Sulfuric Acid 10%	<i>Acido Solforico 10%</i>	H <sub>2</sub> SO <sub>4</sub>	7664-93-9	B	O	O	B
Sulfuric Acid 30%	<i>Acido Solforico 30%</i>	H <sub>2</sub> SO <sub>4</sub>	7664-93-9	O	-	-	B
Sulfuric Acid 98%	<i>Acido Solforico 98%</i>	H <sub>2</sub> SO <sub>4</sub>	7664-93-9	-	-	-	-
Sulphur	<i>Zolfo fuso</i>	Sn		B	-	-	-
Synthetic Detergents	<i>Detergenti Sintetici</i>			B	-	-	-

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>T</b>							
Tallow	Sego			B	-	-	-
Tannic Acid 10%	Acido Tannico 10%	C <sub>76</sub> H <sub>52</sub> O <sub>46</sub>	1401-55-4	-	-	-	-
Tanning Extracts	Estratti di concia			-	-	-	B
Tartaric Acid	Acido Tartarico	C <sub>4</sub> H <sub>6</sub> O <sub>6</sub>	526-83-0	B	-	-	-
t-Butyl Mercaptan (TBM)	ter-butil mercaptano (TBM)	C <sub>4</sub> H <sub>10</sub> S	75-66-1	-	-	-	-
Tetraethyl Lead	Piombo Tetraetile	C <sub>8</sub> H <sub>20</sub> Pb	78-00-2	B	-	-	-
Telene® 16XX/26XX A	Telene® 16XX/26XX A			N	N	N	N
Telene® 16XX/26XX B	Telene® 16XX/26XX B			N	N	N	N
Tensio Caustic Spray Gel	Tensio Caustic Spray Gel			N	N	N	B
Tetrachloroethylene	Tetracloroetilene	Cl <sub>2</sub> CCCl <sub>2</sub>	127-18-4	O	N	N	-
Tetrafluoroethylene	Tetrafluoroetilene	C <sub>2</sub> F <sub>4</sub>	116-14-3	-	-	-	-
Tetrafluoromethane (R14)	Tetrafluorometano (R14)	CF <sub>4</sub>	75-73-0	B	-	-	-
Tetrahydrofuran	Tetraidrofurano	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	109-99-9	B	N	N	-
Tetrahydronaphthelene	Tetraidronaftalina			B	-	-	-
Tetrahydrothiophene	Tetraidrotiofene	C <sub>4</sub> H <sub>8</sub> S	110-01-0	-	-	-	-
Tetralin	Tetralina	C <sub>10</sub> H <sub>12</sub>	119-64-2	B	-	-	-
Thiocarbonate	Tiocarbonato			B	-	-	-
Thiophene	Tiofene	C <sub>4</sub> H <sub>4</sub> S	110-02-1	B	-	-	-
Tin Chloride	Cloruro di Stagno	SnCl <sub>2</sub>	7772-99-8	B	-	-	-
Titanium Tetrachloride	Tetracloruro di Titanio	TiCl <sub>4</sub>	7550-45-0	N	-	-	-
Toluene	Toluene	C <sub>7</sub> H <sub>8</sub>	108-88-3	B	N	N	N
Toluene Diisocyanate (TDI)	Toluene Diisocianato (TDI)		26471-62-5	N	N	N	N
Toluol	Toluolo	C <sub>7</sub> H <sub>8</sub>		B	-	-	-
Total Hydransafe HFDU 46	Total Hydransafe HFDU 46			B	-	-	-
Total Hydransafe FR-NSG 38	Total Hydransafe FR-NSG 38			N	N	N	N
Transformer Oil	Olio da trasformatore			B	-	-	-
Tributyl Phosphate	Tributilfosfato	C <sub>12</sub> H <sub>27</sub> O <sub>4</sub> P	126-73-8	B	-	-	-
Trichloroethylene	Tricloroetilene	C <sub>2</sub> HCl <sub>3</sub>	79-01-6	OG	N	N	N
Trichloroethane	Tricloroetano	C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub>	71-55-6	O	N	N	-
Trichlorofluoromethane (R11)	Triclorofluorometano (R11)	CCl <sub>3</sub> F	75-69-4	B	-	-	-
Trichlorosilane	Triclorosilano	HCl <sub>3</sub> Si	10025-78-2	N	-	-	-
Trichlorotrifluoroethane	Triclorotrifluoroetano	C <sub>2</sub> Cl <sub>3</sub> F <sub>3</sub>	354-58-5	-	-	-	-
Triethanolamine	Trietanolamina		102-71-6	B	-	-	-
Triethyl Phosphate	Trietilfosfato	(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> PO <sub>4</sub>	70-40-0	-	-	-	-
Triethylene Glycol (TEG)	Glicole Trietilenico (TEG)	C <sub>6</sub> H <sub>14</sub> O <sub>4</sub>	112-27-6	-	O	O	-
Trifluoroethane	Trifluoroetano	C <sub>2</sub> H <sub>3</sub> F <sub>3</sub>	420-46-2	-	-	-	-
Trifluoromethane (Fluoroform) (R23)	Trifluorometano (Fluoroformio) (R23)	CHF <sub>3</sub>	75-46-7	B	-	-	-
Trimethylamine	Trimetilamina	C <sub>3</sub> H <sub>9</sub> N	75-50-3	N	-	-	-
Trisodium Phosphate	Fosfato Trisodico	Na <sub>3</sub> PO <sub>4</sub>	7601-54-9	B	-	-	-
Trycresil Phosphate	Tricresilfosfato	C <sub>21</sub> H <sub>21</sub> O <sub>4</sub> P	1330-78-5	B	-	-	-
Tungsten Hexafluoride	Esafluoruro di tungsteno	WF <sub>6</sub>	7783-82-6	-	-	-	-
<b>U</b>							
Ultrasafe 620	Ultrasafe 620			B	-	-	-
UniOpal Hydro Bio 46	UniOpal Hydro Bio 46			B	O	O	-
Urea	Urea	CH <sub>4</sub> N <sub>2</sub> O	57-13-6	B	O	O	-
Uric Acid	Acido Urico	C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> O <sub>3</sub>	69-93-2	B	-	-	-
Urine	Urina			-	-	-	B

<i>Chemical Compound</i>	<i>Composto Chimico</i>	<i>Formula</i>	<i>CAS Chemical Abstract Service</i>	<i>PA</i>	<i>PU Ester Estere</i>	<i>PU Ether Etere</i>	<i>PE</i>
<b>V</b>							
Valspar WB UV Cleaning Solution	<i>Valspar WB UV Cleaning Solution</i>			B	-	-	-
Varioclean S 4306 (50°C)	<i>Varioclean S 4306 (50°C)</i>			BG	-	-	-
Vaseline	<i>Vaselina</i>			B	-	-	-
Vegetable Oil	<i>Olio Vegetale</i>			B	B	B	-
Vinegar	<i>Aceto</i>			-	-	-	B
Vinyl Acetate	<i>Vinilacetato</i>	C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>	108-05-4	-	N	N	-
Vinyl Bromide	<i>Bromuro di Vinile</i>	C <sub>2</sub> H <sub>3</sub> Br	593-60-2	-	-	-	-
Vinyl Chloride	<i>Cloruro di Vinile</i>	C <sub>2</sub> H <sub>3</sub> Cl	75-01-4	B	-	-	-
Vinyl Fluoride	<i>Fluoruro di Vinile</i>	C <sub>2</sub> H <sub>3</sub> F	75-02-5	-	-	-	-
Vinyl Paints	<i>Vernici Viniliche</i>			-	-	-	O
<b>W</b>							
Fresh Water (40°C)	<i>Acqua dolce (40°C)</i>			B	O	B	B
Fresh Water (50°C)	<i>Acqua dolce (50°C)</i>			B	O	-	-
Fresh Water (70°C)	<i>Acqua dolce (70°C)</i>			O	-	-	-
Demineralized water	<i>Acqua demineralizzata</i>			B	O	B	B
Water + CO <sub>2</sub>	<i>Acqua + CO<sub>2</sub></i>			B	-	-	-
Water Vapour	<i>Vapore Acqueo</i>			N	N	N	BO
Whisky	<i>Whisky</i>			-	-	-	B
White Spirit (Stoddard Solvent or Mineral Spirit)	<i>Spirito Bianco (solvente di Stoddard o Acquaragia)</i>			B	B	B	B
Wine	<i>Vino</i>			-	-	-	B
Wynn's Dry Fuel	<i>Wynn's Dry Fuel</i>			B	-	-	-
Wynn's Dry Fuel System Cleaner Plus	<i>Wynn's Dry Fuel System Cleaner Plus</i>			B	-	-	-
<b>X</b>							
Xenon	<i>Xeno</i>	Xe	7440-63-3	B	-	-	-
Xylene	<i>Xilene (Xilolo, Dimetilbenzene)</i>	C <sub>8</sub> H <sub>10</sub>	1330-20-7	B	N	N	O
<b>Y</b>							
Yeasts	<i>Lieviti</i>			-	-	-	B
<b>Z</b>							
Zenith Acquasolve	<i>Zenith Acquasolve</i>			B	-	-	-
Zinc Chloride	<i>Cloruro di Zinco</i>	ZnCl <sub>2</sub>	7646-85-7	B	-	-	-
Zinc Salts	<i>Sali di Zinco</i>			B	-	-	-
Zinc Sulphate	<i>Solfato di Zinco</i>	ZnSO <sub>4</sub>	7733-02-0	-	-	-	B
Zinc Sulphide	<i>Solfuro di Zinco</i>	ZnS	1314-98-3	B	-	-	-

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