

## Declaration of compliance PP Jugs & Cylinders

### Product Description: Polypropylene Jugs and Cylinders



Product code	Product description	Colour	Capacity	Graduations	Materials
P1100	Pro-Cylinder	Clear (CL)	100ml	5ml	Polyprop – STC EL-PRO P851JO
P1250	Pro-Cylinder	CL	250ml	5ml	
P4001	Pro-Jug	CL	1Ltr	10ml	
P4002	Pro-Jug	CL	250ml	5ml	
P4003	Pro-Jug	CL, RD, BL, GN, YL	3Ltr	50ml	
P4005	Pro-Jug	CL	5Ltr	100ml	

### Item Specification

Product code	Diameters top	Diameter bottom	Height	Weight	Increment marking
P1100					Hot foil stamp
P1250					Hot foil stamp
P4001	114mm	91mm	187mm	126g	Hot foil stamp
P4002	73mm	59mm	120mm	48g	Hot foil stamp
P4003	174mm	138mm	249mm	272g	Hot foil stamp
P4005	208mm	170mm	270mm	388g	Hot foil stamp

### Accuracy

The products have been tested for accuracy by New Zealand Laboratory Services Ltd & Fitzherbert Science Centres.

### Test results

Sample	Method used	Requirement	Volume added (Lt)	Result
P1100 100ml Pro-Cylinder	Volume added	Volume matches mark on vessel	25ml 50ml 100ml	Passed Passed Passed
P1250 250ml Pro-cylinder	Volume added	Volume matches mark on vessel	50ml 100ml 225ml	Passed Passed Passed
P4002 250ml Pro-jug	Volume added	Volume matches mark on vessel	50ml 150ml 250ml	Passed Passed Passed
P4001 1 Litre Pro-jug	Volume added	Volume matches mark on vessel	100ml 500ml 1000ml	Passed Passed Passed
P4003 3 Litre Pro-jug	Volume added	Volume matches mark on vessel	500ml 1000ml 2000ml 3000ml	Passed Passed Passed Passed
P4005 5 Litre Pro-jug	Volume added	Volume matches mark on vessel	1000ml 2000ml 3500ml 5000ml	Passed Passed Passed Passed

Report Reference: NP-16-3771

Analyses/assessment by: MA

Data checked by: PR

Report checked by: PR

Date: 13 April 2016

Signed: Peter Roy

Designation of signee: Senior Technical Officer.

Comments:

The volumes were checked using measuring cylinders of 100ml (+/-1ml), 250ml (+/-2ml) and 1000ml (+/-5ml).

All vessels could be confirmed accurate within these tolerances.

Testing Body:

Fitzherbert Science Centres, Dairy Farm Road, Palmerston North, New Zealand.

### Manufacturing Standards.

This is to confirm that the measuring jugs supplied by Klipspringer Ltd are manufactured under certified quality and environment management systems: TS16949, ISO9001 & ISO14001, for which current audit passes are held.

### Autoclave.

This is to certify that the products have been autoclaved successfully with no damage or effect on the product.

Machine: Barlows 28013W 250-D Serial/No: 150015. Cycle: 15 minutes at 121° + 15 minutes drying.

Note: Always ensure the products are placed on trays not directly on the element or element cover. The product material will be more flexible when first removed from the autoclave and should be allowed to cool back to room temperature before using.

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## Declaration of Compliance

Product Type  
**Polypropylene Random Copolymer**

Product Name  
**EL-Pro™**  
Product Grade  
**P851JO**

Issue date: 16.01.2017

### SECTION 1: Global Chemical Inventory Status

This product and all components are listed on the following chemical inventories.

COUNTRY	NAME OF CHEMICAL INVENTORY	STATUS
United State	Toxic Substances Control Act Inventory (TSCA)	Listed (Not listed for 1 chemical)
Canada	Domestic Substance List/Non- Domestic Substance List (DSL/NDSL)	Listed
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Listed (Not listed for 1 chemical and Exempted for polymer)
Japan	Japanese Existing and New Chemical Substances Inventory (ENCS)	Listed (Not listed for 1 chemical)
China	Chinese Chemical Inventory of Existing Chemical Substances (IECSC)	Listed (Not listed for 1 chemical)
Korea	Korea Existing Chemicals Inventory (KECL)	Listed
Taiwan	Taiwan's national existing chemical inventory (TSCI)	Listed
Australia	Australian Inventory of Chemical Substances (AICS)	Listed
New Zealand	New Zealand Inventory of Chemicals (NZIoC)	Listed
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Listed (Not listed for 1 chemical)

202/2014, 2015/174 and 2016/1416).

Monomers and additives used to manufacture of this product are listed in "Union list of authorized substances" (Annex I) of this regulation. No Monomers subject to restriction (Specific Migration Limit – SML) are used in manufacture of this product. There are two additives subject to a Specific Migration Limit (SML) of 0.6 and 5 mg/kg.

The overall migration under the conditions 2 hr at 100°C (OM5), in the standard food simulants (A, B, C, D1 and D2) is less than 10 mg/dm<sup>2</sup> as the maximum overall migration from plastic materials and articles. The specific migration of heavy metal does not exceed their limits as well.

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- US Food and Drug Administration (FDA)**  
 This product meets the FDA requirements contained in the Code of Federal Regulations in 21 CFR 177.1520 Olefin polymers (c) 3.1a referred to articles that contact food except for articles used for packing or holding food during cooking.
- Thailand Food Container and Packaging Materials**  
 This product meets the requirements of Thailand Industrial Standard for Polypropylene Resin (TIS 1306) including the food safety criteria (migration of substances from plastic materials) as tested by the methods specified in TIS 656 : standard methods of analysis for plastics used for food contact.

**SECTION 3: Environmental Legislations**

- This product meets the relevant requirements of the following directives or regulations;
- Directive 94/62/EC on packaging and packaging waste (PPWD) : total incidental cadmium, chromium, lead and mercury less than 100 ppm.
  - Coalition of Northeastern Governors (CONEG): total incidental cadmium, chromium, lead and mercury less than 100 ppm.
  - Directive 2002/95/EC (RoHS 1) on the restriction of the use of certain hazardous substances in electrical and electronic equipment : Cadmium less than 0.01% wt and Lead (Pb), Mercury (Hg), Hexavalent chromium (Cr6+), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) less than 0.1% wt.
  - Commission Delegated Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU (RoHS 2) : Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) less than 0.1% wt.

**SECTION 4: Regulation (EC) No.1907/2006 (REACH)**

Under REACH Regulation (EC) No 1907/2006, polymers are exempted from registration according to the provisions of Title II (Article 2(9)). However, monomers have to be registered, if they are part of the polymer for more than 2% and if they are produced or imported in a volume of more than 1 tpa.

At this stage, we already completed the registration for our monomer (Ethylene, But-1-ene and propene) since 30 Nov 2010.

Substance Name	CAS No.	EC No.	Registration No.
<b>Ethylene</b>	74-85-1	200-815-3	01-2119462827-27-xxxx
<b>But-1-ene</b>	106-98-9	203-499-2	01-2119456615-34-xxxx
<b>Propene</b>	115-07-1	204-062-1	01-2119447103-50-xxxx

In additions, it possibly exist one substance that listed in Substances of Very High Concern (SVHC), as defined under REACH Regulation (EC) No 1907/2006, in the manufacturing process of our products, in very low concentration less than 15 ppm. The Candidate List of Substances of Very High Concern (SVHC) for authorization is available on ECHA's website; please use the following link:

<http://echa.europa.eu/web/guest/candidate-list-table>

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**SECTION 5: Substances of Concern**

The following substances are not intentionally used in the manufacture or formulation of this product. However, this product has not been tested for those substances.

- **California Proposition 65**  
Substances listed in California Proposition 65, Chemicals known to the State to cause cancer or reproductive toxicity are not used in the manufacture or formulation of this product.  
[http://oehha.ca.gov/prop65/prop65\\_list/newlist.html](http://oehha.ca.gov/prop65/prop65_list/newlist.html)
- **Animal Derived Materials/Bovine Spongiform Encephalephy (BSE)/Transmissible Spongiform Encephalephy (TSE)**  
Animal fats, oils, milk products or other animal- or tallow-derived products are not intentionally used in the manufacture or formulation of this product.
- **Antimicrobial agents/Fungicides/Pesticides**  
Antimicrobial agents, fungicides or pesticides are not intentionally used in the manufacture or formulation of this product.
- **Food Allergens - Directive 2000/13/EC**  
Food allergens as defined in Directive 2000/13/EC (such as peanuts, lupine, soy/soybeans, carmine/cochineal, milk, eggs, fish, shellfish/crustacea, tree nuts, celery, sesame seeds, mustard, glutamites, glutamic acid, MSG or hydrolyzed vegetable proteins, nitrites or sulfites, or grains/cereals containing gluten substances) are not intentionally used in the manufacture or formulation of this product.
- **Bisphenol A, Bisphenol F and Bisphenol S**  
Bisphenol A is not intentionally used in the manufacture or formulation of this product.
- **Epoxy Derivatives - Commission Regulation (EC) No1895/2005.**  
Bisphenol A diglycidyl ether (BADGE), bisphenol F diglycidyl ether (BFDGE) and novolac glycidyl ether (NOGE) are not intentionally used in the manufacture or formulation of this product according to requirements of Commission Regulation (EC) No1895/2005.
- **Dimethyl Fumarate (DMF) - Commission Decision 2009/251/EC**  
Dimethyl Fumarate is not intentionally used in the manufacture or formulation of this product.
- **Triclosan - Commission Decision 2010/169/EU**  
Triclosan (2,4,4'-trichloro-2'-hydroxydiphenyl ether) is not intentionally used in the manufacture or formulation of this product.
- **Asbestos**  
Asbestos is not intentionally used in the manufacture or formulation of this product.
- **Azo Colorants/Pigments**  
Azo colorants or other pigments are not intentionally used in the manufacture or formulation of this product.
- **Benzophenones, 4-methylbenzophenone and Hydroxybenzophenone**  
Benzophenones, 4-methylbenzophenone and Hydroxybenzophenone are not intentionally used in the manufacture or formulation of this product.
- **Butylated hydroxyanisole (BHA) and Butylated hydroxytoluene (BHT)**  
BHA and BHT are not intentionally used in the manufacture or formulation of this product.
- **Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene (BNST)**  
BNST is not intentionally used in the manufacture or formulation of this product.

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- Alkylphenols and Ethoxylates**  
Alkylphenols, ethoxylates such as Nonylphenol (NP), Nonylphenol Ethoxylates (NPE) and Tris (nonylphenyl)phosphite (TNPP) or estrogen-mimicking compounds are not intentionally used in the manufacture or formulation of this product.
- Formaldehyde**  
Formaldehyde is not intentionally used in the manufacture or formulation of this product.
- Melamine**  
Melamine is not intentionally used in the manufacture or formulation of this product.
- Eposidised Soyabean Oil (ESBO)**  
Eposidised Soyabean Oil (ESBO) is not intentionally used in the manufacture or formulation of this product.
- Primary Aromatic Amines (PAA)**  
Primary Aromatic Amines (PAA) is not intentionally used in the manufacture or formulation of this product.
- Phthalates**  
The following phthalates are not intentionally used in the manufacture or formulation of this product.

SUBSTANCES	CAS NO.
Butyl Benzyl Phthalate (BBP)	85-68-7
Dimethyl phthalate (DMP)	131-11-3
Diethyl phthalate (DEP)	84-66-2
Di-n-propyl phthalate (DPP)	131-16-8
Di-n-butyl phthalate (DBP)	84-74-2
Di-n-pentyl phthalate (DNPP)	131-18-0
Di-n-hexyl phthalate (DNHP)	84-75-3
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7
Di-n-octyl phthalate (DNOP)	117-84-0
Diisooctyl phthalate (DIOP)	27554-26-3
Diisononyl phthalate (DINP)	28553-12-0
Diisodecyl phthalate (DIDP)	26761-40-0

- Bis(2-ethylhexyl)adipate (DEHA)**  
Bis(2-ethylhexyl)adipate (DEHA) is not intentionally used in the manufacture or formulation of this product.

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- **Polycyclic Aromatic Hydrocarbons (PAHs)**

The following polycyclic aromatic hydrocarbons (PAHs) are not intentionally used in the manufacture or formulation of this product.

SUBSTANCES	CAS NO.
1,2-dihydro-acenaphthene	83-32-9
acenaphthylene	208-96-8
9H-fluorene	86-73-7
anthracene	120-12-7
benz(a)anthracene	56-55-3
benzo(a)pyrene	50-32-8
benzo(b)fluoranthene	205-99-2
benzo(e)pyrene	192-97-2
benzo(ghi)perylene	191-24-2
benzo(j)fluoranthene	205-82-3
benzo(k)fluoranthene	207-08-9
chrysene	218-01-9
dibenz(a,h)anthracene	53-70-3
fluoranthene	206-44-0
fluorene	86-73-7
indeno(1,2,3-cd)pyren	193-39-5
naphthalene	91-20-3
phenanthrene	85-01-8
pyrene	129-00-0

- **Ozone Depleting Substance (ODS)**

Chlorofluorocarbons (CFC's) and substances related to ozone depleting substances (as defined by the MONTREAL PROTOCOL and listed as class I & II substances by the US Clean Air Act) are not intentionally used in the manufacture or formulation of this product.

- **Organotin Compounds**

Tributyl-tin (TBT), dibutyl-tin (DBT), monobutyl-tin (MBT), Triphenyltin (TPT), Tributyltin oxide (TBTO) or any other organo-tin compounds are not used in the manufacture or the formulation of this product.

- **Perfluorocarbon - Directive 2006/122/EC**

Perfluorooctanic acid (PFOA), perfluoro-alkyl sulphonates (PFAS), or perfluorooctane sulfonates (PFOs) are not intentionally used in the manufacture or formulation of this product.

- **Halogenated Flame Retardants**

Polybrominated biphenyl (PBB), Polybrominated diphenyls (PBDE), Polychlorinated biphenyl (PCB), Polychlorinated terphenyls (PCT), Polychlorinated Naphthalene (PCN) and hexabromo cyclododecane (HBCDD) are not intentionally used in the manufacture or formulation of this product.

- **Dioxins and Furans**

Dioxins and furans are not intentionally used in the manufacture or formulation of this product.

- **Vinyl Chloride Monomer (VCM) and Polyvinyl Chloride (PVC)**

VCM and PVC are not intentionally used in the manufacture or formulation of this product.

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- **Styrene and Polystyrene (PS)**  
Styrene and Polystyrene (PS) are not intentionally used in the manufacture or formulation of this product.
- **Natural rubber or Latex**  
Natural rubber or Latex are not intentionally used in the manufacture or formulation of this product.
- **Genetically Modified Organism (GMO)**  
No GMOs, genetic material from GMOs, materials derived from GMOs, nor any genetically modified ingredients are not intentionally used in the manufacture or formulation of this product.
- **Animal Derived Additives**  
Animal Derived Additives are not intentionally used in the manufacture or formulation of this product.
- **Isopropylthioxanthone (ITX)**  
Isopropylthioxanthone (ITX) is not intentionally used in the manufacture or formulation of this product.
- **Conflict Minerals**  
Gold (Au), Tantalum (Ta), Tin (Sn) and Tungsten (W) are not intentionally used in the manufacture or formulation of this product.
- **Radioactive Substances**  
Radioactive Substances are not intentionally used in the manufacture or formulation of this product.
- **Recycled Materials – Commission Regulation (EC) No 282/2008**  
Recycled Materials are not intentionally used in the manufacture or formulation of this product.

## SECTION 6: Other standards

- **US Pharmacopoeia**  
This product is not certified to US Pharmacopoeia requirements.
- **European Pharmacopoeia**  
This product is not certified to European Pharmacopoeia requirements.
- **Halal**  
We cannot certify this product to be Halal or in compliance with Halal requirements. However, this product does not use any animal derive materials
- **Kosher**  
We cannot certify this product to be Kosher or in compliance with Kosher requirements. However, this product does not use any animal derived materials
- **UL Certification**  
This product is UL product under the UL file No. E202743 - plastic component.

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## SECTION 7: Expiry Date

The expiry date of this product is up to 2 years from manufacturing date under original closed containers and proper storage conditions. Product should be stored in dry, dust free and well-ventilated area at temperature below 50°C, avoided from ignition source, direct sunlight, high temperature and high humidity.

### Chemical list

Rating system A = Negligible effect B = Limited absorption or attack C- Extensive absorption and / or rapid permeation D = Extensive attack

Environment	Conc. %	20°C	60°C	100°C
Acetic acids (glacial)	97	A	B (80°C)	-
Acetic acid	50	A	A (80°C)	-
Acetic acid	40	A	-	-
Acetic acid	10	A	A	-
Acetone	100	A	A	-
Acetophenone	100	B	B	-
Acriflavine (2% solution in H <sub>2</sub> O)	2	A	A	- (80°C)
Acrylic emulsions		A	A	-
Aluminium chloride		A	A	-
Aluminium fluoride		A	A	-
Aluminium Sulfate		A	A	-
Alums (all types)		A	A	
Ammonia (Aqueous)	30	A	-	-
Ammonia gas (dry)		A	A	-
Ammonium carbonate	Satd.	A	A	-
Ammonium chloride	Satd.	A	A	-
Ammonium fluoride	20	A	A	-
Ammonium hydroxide	10	A	A	-
Ammonium metaphosphate	Satd.	A	A	-
Ammonium nitrate	Satd.	A	A	-
Ammonium nitrate	Satd.	A	A	-
Ammonium persulfate	Satd.	A	A	-
Ammonium sulfate	Satd.	A	A	-
Ammonium sulfide	Satd.	A	A	-
Ammonium thiocyanate	Satd.	A	A	-
Amyl acetate	100	B	C	-
Amyl alcohol	100	A	B	-
Amyl chloride	100	C	C	-
Aniline	100	A	A	-
Anisole	100	B	B	-
Antimony chloride		A	A	-
Aviation fuel (115/145 octane)	100	B	C	-
Aviation turbine fuel	100	B	C	-
Barium carbonate	Satd.	A	A	-
Barium chloride	Satd.	A	A	-
Barium hydroxide		A	A	-
Barium sulfate	Satd.	A	A	-
Barium Sulfide	Satd.	A	A	-

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Environment	Conc. %	20°C	60°C	100°C
Beer		A	A	-
Benzene	100	B	C	C
Benzolc acid		A	B	-
Benzyl alcohol		A	A (80°C)	-
Bismuth carbonate	Satd.	A	A	-
Borax		A	A	-
Boric acid		A	A	-
Brine	Satd.	A	A	-
Bromine liquid	100	D	-	-
Bromine water		C	-	-
Butyl acetate	100	C	C	-
Butyl alcohol	100	A	A	-
Calcium carbonate	Satd.	A	A	-
Calcium chlorate	Satd.	A	A	-
Calcium chloride	50	A	A	-
Calcium hydroxide		A	A	-
Calcium hydroxide		A	A	-
Calcium hypochlorite bleach	20	A	B	-
Calcium nitrate		A	A	-
Calcium phosphate	50	A	-	-
Calcium sulfate		A	A	-
Calcium Sulfite		A	A	-
Calcium dioxide (dry)		A	A	-
Calcium Dioxide (wet)		A	A	-
Calcium disulphide	100	B	C	-
Calcium monoxide		A	A	-
Calcium tetrachloride	100	C	C	C
Carbonic acid		A	A	-
Castor oil		A	-	-
Cetyl alcohol	100	A	-	-
Chlorine (gas)	100	D	D	- -
Chlorobenzene	100	C	C	-
Chloroform	100	C	D	D
Chlorosulfonic acid	100	D	D	D
Chrome alum		A	A	-
Chromic acid	80	A	-	-
Chromic acid	50	A	A	-
Chromic acid	10	A	A	-
Chromic /sulfuric acid		D	D	
Cider		A	A	
Citric acid	10	A	A	-
Copper Chloride	Satd.	A	A	-
Copper cyanide	Satd.	A	A	-
Copper fluoride	Satd.	A	A	-
Copper nitrate	Satd.	A	A	-

Environment	Conc. %	20°C	60°C	100°C
Copper sulfate	Satd.	A	A	-
Cottonseed oil		A	A	-
Cuprous chloride	Satd.	A	A	-
Cyclohexanol	100	B	C	-
Cyclohexanone	100	B	C	-
Decalin	100	C	C	C
Detergents	2	A	A	A
Developers (Photographic)		A	A	-
Dibutyl phthalate	100	A	B	D
Dichloroethylene	100	A	-	-
Diethanolamine	100	A	A	-
Dilsooctyl phthalate	100	A	A	-
Emulsifiers		A	A	-
Ethanolamine	100	A	A	-
Ethyl acetate	100	B	B	-
Ethyl alcohol	96	A	A (80°C)	-
Ethyl chloride	100	C	C	-
Ethylene dichloride	100	B	-	-
Ethylene glycol		A	A	-
Ethylene oxide	100	B (10°C)	-	-
Ethyl ether	100	B	-	-
Fatty acids	100	A	A	-
Ferric acids	100	A	A	-
Ferric Chloride	Satd.	A	A	-
Ferric nitrate	Satd.	A	A	-
Ferric sulfate	Satd.	A	A	-
Ferric chloride	Satd.	A	A	-
Ferrous sulfate	Satd.	A	A	-
Fluorosilicic acid		A	A	-
Formaldehyde	40	A	A	-
Formic acid	100	A	-	-
Formic acid	10	A	A	-
Fructose		A	A	-
Fruit juices		A	A	-
Furfural	100	C	C	-
Gas liquor		C	-	-
Casoline	100	B	C	C
Gearbox oil	100	A	B	-
Gelatin		A	A	-
Glucose	20	A	A	-
Glycerin	100	A	A	A
Glycol		A	A	-
Hexane	100	A	B	-
Hydrobromicacid	50	A	A	-

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Environment	Conc. %	20°C	60°C	100°C
Hydrochloric acid	30	A	B	D
Hydrochloric acid	20	A	A (80°C)	-
Hydrochloric acid	10	A	A (80°C)	B
Hydrochloric acid	2	A	A	A
50-50 HCL-HNO <sub>2</sub>		B	D (80°C)	-
Hydrofluoric acid	40	A	-	-
Hydrofluoric acid	60	A	A (40°C)	B
Hydrogen chloride gas(dry)	100	A	A	-
Hydrogen peroxide	30	A	-	D
Hydrogen peroxide	3	A	-	-
Hydrogen sulphide		A	A	-
Hydroquinone		A	A	-
Inks		A	A	-
Iodine tincture		A	-	-
Isooctane	100	C	C	-
Isopropyl alcohol	100	A	A	-
Ketones		A	-	-
Lactic acid	20	A	A	-
Lanolin	10	A	A	-
Lead acetate	Satd.	A	A	-
Linseed oil	100	A	A	-
Lubricating oil	100	A	B	-
Magenta dye (aqueous sol)	2	A	A (some staining)	-
Magnesium carbonate	Satd.	A	A	-
Magnesium chloride	Satd.	A	A	-
Magnesium hydroxide	Satd.	A	A	-
Magnesium nitrate	Satd.	A	A	-
Magnesium sulfate	Satd.	A	A	-
Magnesium sulphite	Satd.	A	A	-
Meat juices		A	A	-
Mercuric chloride	40	A	A	-
Mercuric cyanide	Satd.	A	A	-
Mercuric nitrate	Satd.	A	A	-
Mercury	100	A	A	-
Methyl alcohol	100	A	A	-
Methylene chloride	100	A	-	-
Methyl ethyl ketone	100	A	B -	-
Milk and its products		A	A	A
Mineral oil		A	B	-
Molasses		A	A	-
Motor oil	100	A	B	-
Naphthalene	100	A	A	A
Nickel chloride	Satd.	A	A	-

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Environment	Conc. %	20°C	60°C	100°C
Nickel nitrate	Satd.	A	A	-
Nickle sulfate	Satd.	A	A	-
Nitric acid	Fuming	D	D	D
Nitric acid	70	C	D	-
Nitric acid	60	A	D (80°C)	-
Nitric acid	10	A	A	A
50-50 HCO <sub>3</sub> -HCL		B	D (80°C)	-
50-50 HNO <sub>3</sub> -H <sub>2</sub> -SO <sub>4</sub>		C	D (80°C)	-
Nitrobenzene	100	A	A	-
Oleic acid		A	B	-
Oleum		-	-	D
Olive oil	100	A	A	-
Oxalic acid (Aqueous)	50	A	B	-
Paraffin	100	A	B	-
Petrol	100	B	C	-
Peroleum ether (boiling point 100°C – 140°C)	100	C	C	-
Phenol	100	A	A	-
Phosphoric acid	95	A	A	-
Plating solutions, brass		A	A	-
Plating solutions, cadmium		A	A	-
Plating solutions, Chromium		A	A	-
Plating solutions, copper		A	A	-
Plating solutions, gold		A	A	-
Plating solutions, indium		A	A	-
Plating solutions, lead		A	A	-
Plating solutions, nickel		A	A	-
Plating solutions, rhodium		A	A	-
Plating solutions, silver		A	A	-
Plating solutions, tin		A	A	-
Plating solutions, zinc		A	A	-
Potassium borate	1	A	A	-
Potassium bromate	10	A	A	-
Potassium bromide	Satd.	A	A	-
Potassium carbonate	Satd.	A	A	-
Potassium chlorate	Satd.	A	A	-
Potassium chloride	Satd.	A	A	-
Potassium chromate	40	A	A	-
Potassium cyanide	Satd.	A	A	-
Potassium dichromate	40	A	A	-
Potassium ferri- /ferrocyanide		A	A	-
Potassium fluoride		A	A	-
Potassium hydroxide	50	A	A	-
Potassium hydroxide	10	A	A	A

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Environment	Conc. %	20°C	60°C	100°C
Potassium nitrate	Satd.	A	A	-
Potassium perborate	Satd.	A	A	-
Potassium perchlorate	10	A	A	-
Potassium permanganate	20	A	A	-
Potassium sulfate		A	A	-
Potassium sulfide		A	A	-
Potassium sulfite		A	A	-
Propyl alcohol	100	A	A	-
Pyridine	100	A	-	-
Silicone oil	100	A	A	-
Soap solutions (concentrated)		A	A	-
Sodium acetate		A	A	-
Sodium Bicarbonate	Satd.	A	A	-
Sodium bisulfate	Satd.	A	A	-
Sodium bisulfite	Satd.	A	A	-
Sodium borate		A	A	-
Sodium bromide oil sol.		A	A	-
Sodium carbonate	Satd.	A	A	-
Sodium chlorate	Satd.	A	A	-
Sodium Chloride	Satd.	A	A	A
Sodium Chlorite	2	A	A (80°C)	=
Sodium Chlorite	5	A (80°C)	A	-
Sodium Chlorite	10	A (80°C)	A	-
Sodium Chlorite	20	A (80°C)	A	-
Sodium cyanide	Satd.	A	A	-
Sodium dichromate	Satd.	A	A	-
Sodium Ferricyanide	Satd.	A	A	-
Sodium Ferrocyanide	Satd.	A	A	-
Sodium fluoride	Satd.	A	A	-
Sodium Hydroxide	50	A	A	-
Sodium hydroxide	10	A	A	A
Sodium hypochlorite	20	A	B	B
Sodium nitrate		A	A	-
Sodium nitrite		A	A	-
Sodium silicate		A	A	-
Sodium sulfate	Satd.	A	A	-
Sodium sulfide	25	A	A	-
Sodium chloride	Satd.	A	A	-
Stannous chloride	Satd,	A	A	-
Starch		A	A	-
Sugars and syrups		A	A	-
Sulfamic acid		A	A	(80°C)
Sulfates of (Calcium and magnesium)	Satd.	A	A	-

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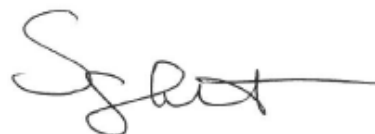
## Compliance with confidence

Environment	Conc. %	20°C	60°C	100°C
Sulfates of (Potassium and sodium)	Satd.	A	A	-
Sulfur		A	A	-
Suluric acid	98	C	-	D
Sulfuric acid	60	A	B (80°C)	-
Sulfuric acid	50	A	B	-
Sulfuric acid	10	A	A	A
50-50 H <sub>2</sub> SO <sub>4</sub> /HNO <sub>4</sub>		C	D (80°C)	-
Tallow		A	A	-
Tannic acid	10	A	A	-
Tartaric acid		A	A	-
Tetrahydrofuran	100	C	C	C
Tetralin	100	C	C	C
Toluene	100	C	C	-
Transformer oil	100	A	C	-
Trichloroacetic acid	10	A	A	-
Trichloroethylene	100	A	A (80°C)	-
Turpentine	100	C	C	C
Urea		A	A	
Urine		A	A	
Water (Distilled, soft, hard and vapour)		A	A	A
Wet chlorine	Gas	-	D 70%	-
Whiskey		A	A	A
White paraffin	100	A	B 80%	-
White spirit	100	A	B 80%	-
Wines		A	A	-
Xylene	100	C	C	C
Yeast		A	A	-
Zinc chloride	Satd.	A	A	-
Zinc chloride	Satd.	A	A	-
Zinc oxide		A	A	-
Zinc sulfate	Satd.	A	A	-

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**14-01-2019**



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