

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
 Product name. : BRITE Regular Soldering Flux Liquid

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Main use category : Industrial use, Professional use
 Use of the substance/mixture : Soldering flux

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

LA-CO Industries Europe S.A.S.
 Parc Industriel de la Plaine de
 l'Ain - Allée des Combes.
 01150.BLYES.France.
 Phone: +33 (0)4 74 46 23 23
 Fax: +33 (0)4 74 46 23 29
 E-mail: info@eu.laco.com
 Web: http://www.markal.com

1.4. Emergency telephone number

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887

EU Member State	Officieel adviesorgaan	Adres	Noodnummer
AUSTRIA	Vergiftungsinformationszentrale (Poisons Information Centre)	Allgemeines Krankenhaus Waehringer Geurtel 18-20 1090 Wien	+43 1 406 43 43
BELARUS	The Belarus Republican Poisons Centre	Kizhevatova str. 58 Minsk 220115	+375 (0)17 201 9158
BELGIUM	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 B -1120 Bruxelles/Brussel	+32 70 245 245
BULGARIA	Национален токсикологичен информационен център National Clinical Toxicology Centre, Emergency Medical Institute "Pirogov"	21 Tolleben Boulevard 1606 SOFIA	+359 2 9154 409
CROATIA	Poisons Control Centre Institute of Medical Research & Occupational Health	Ksaverska Cesta 2 P.O. Box 291 HR-10000 Zagreb	+385 1 234 8342
CZECH REPUBLIC	Toxikologické informační středisko Clinic For Occupational Medicine, 1st Medical Faculty, Charles University	Na Bojišti 1 120 00 Praha 2	+42 2 2491 9293 +42 2 2491 5402
DENMARK	Gifflinjen Bispebjerg Hospital	Bispebjerg Bakke 23, 60, 1 DK-2400 København NV	+45 82 12 12 12 +45 35 31 55 55
ESTONIA	Mürgistusteabekeskus	Gonsiori 29 15027 Tallinn	+372 626 93 90
FINLAND	Myrkytystietokeskus	P.O.B 340 (Haartmaninkatu 4) HUS SF - 00029 Helsinki	+358 9 471 977
FRANCE	ORFILA		+33 1 45 42 59 59
GERMANY	Berliner Betrieb für Zentrale Gesundheitliche Aufgaben	Oranienburger Strasse 285 13437 Berlin	+49 30 19240
GERMANY	Informations und Beratungszentrum für Vergiftungsfälle	Kirrberger Straße, Gebäude 9 D-66421 Homburg/Saar	+49 6841 19240
GERMANY	Beratungstelle bei Vergiftungen, Klinische Toxikologie und Beratungsstelle bei Vergiftungen	Langenbeckstrasse 1 55131 Mainz	+49 6131 19240
GREECE	Poisons Information Centre	11527 Athens	+30 10 779 3777
HUNGARY	Országos Kémiai Biztonsági Intézet (National Institute of Chemical Safety) Egészségügyi Toxikológiai Tájékoztató Szolgálat (Health Toxicological Information Service)	1437 Budapest PO Box 839 1097 Budapest, Nagyvárad tér 2	+36 80 20 11 99
ICELAND	Eitrunarmiðstöðin	Eitrunarmiðstöðin 108 Reykjavik	+354 543 22 22
IRELAND	National Poisons Information Centre	Beaumont Hospital PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2166
LATVIA	Valsts Toksikoloģijas centra Saindēšanās un zāļu informācijas centrs	2 Hipocrate Street LV 1038 Riga	+371 67 04 24 73

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LITHUANIA	Apsinuodijimų kontrolės ir informacijos biuras	Siltnamiu 29 2043 Vilnius	+370 5 236 20 52/+370 687 53 378
MALTA	Medicines & Poisons Info Office	Mater Dei Hospital, Msida MSD 2090 Malta	25450000
NETHERLANDS	Nationaal Vergiftigingen Informatie Centrum National Institute for Public Health and the Environment, NB this service is only available to health professionals	Huispostnummer B.00.118, PO Box 85500 3508 GA Utrecht	+31 30 274 88 88
PORTUGAL	Centro de Informação Antivenenos Instituto Nacional de Emergência Médica (INEM)	Rua Almirante Barroso, 36 1000-013 Lisboa	808 250 143 (for use only in Portugal), +351 21 330 3284
ROMANIA	Biroul pentru Regulamentul Sanitar International si Informare Toxicologica	Str. Dr. Leonte Anastasievici Nr.1-3, Sector 5 50463 Bucuresti	+40 21 318 36 06
SLOVAKIA	Národné toxikologické informačné centrum University Hospital Bratislava	Limbová 5 833 05 Bratislava	+421 2 54 77 4 166
SPAIN	Servicio de Información Toxicológica Instituto Nacional de Toxicología, Departamento de Madrid	Calle Luis Cabrera 9 E-28002 Madrid	+34 91 562 04 20
SWEDEN	Giftinformationscentralen Swedish Poisons Information Centre, Karolinska Hospital	Box 60 500 SE-171 76 Stockholm	+46 8 33 12 31 (International) 112 (National)
SWITZERLAND	Centre Suisse d'Information Toxicologique	Freiestrasse 16 Postfach CH-8028 Zurich	+41 44 251 51 51 (International) 145 (National)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3 H226

STOT SE 3 H335

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

R10

Full text of R-phrases: see section 16

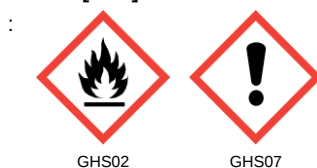
Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Warning

Hazardous ingredients

: Ethanolamine hydrochloride

Hazard statements (CLP)

: H226 - Flammable liquid and vapour
H335 - May cause respiratory irritation

Precautionary statements (CLP)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical/ventilating/lighting equipment
P261 - Avoid breathing mist/vapours/spray
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P312 - Call a POISON CENTER/doctor if you feel unwell
P370+P378 - In case of fire: Use suitable media to extinguish
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P403+P235 - Store in a cool and well-ventilated place
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local and national regulations

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2.3. Other hazards

PBT: not yet assessed

vPvB: not yet assessed

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Components with health hazards above the applicable thresholds and/or Exposure Limit values are shown. Exact concentrations withheld as trade secret.

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanolamine hydrochloride	(CAS No) 2002-24-6 (EC no) 217-900-6	20 – 40	Xi; R36/37/38	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
ammonium chloride	(CAS No) 12125-02-9 (EC no) 235-186-4 (EC index no) 017-014-00-8	5 – 10	Xn; R22 Xi; R36	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
ethanol	(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5	5 – 10	F; R11	Flam. Liq. 2, H225
Isopropanol	(CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0	0.1 – 1	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
propyl acetate	(CAS No) 109-60-4 (EC no) 203-686-1 (EC index no) 607-024-00-6	0.1 – 1	F; R11 Xi; R36 R66 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Polyethylene Glycol	(CAS No) 25322-68-3 (EC no) 500-038-2	0 – 0.1	Not classified	Not classified

Full text of R-, H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
First-aid measures after skin contact	: Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
First-aid measures after eye contact	: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : May cause respiratory irritation.

4.3. Indication of any immediate medical attention and special treatment needed

All treatments should be based on observed signs and symptoms of distress in the patient.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable liquid and vapour.
Explosion hazard	: May form flammable/explosive vapour-air mixture.
Hazardous decomposition products in case of fire	: ammonia. Carbon dioxide. Carbon monoxide. Hydrogen chloride. ammonium chloride.

5.3. Advice for firefighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flame resistant/retardant clothing. Wear a self contained breathing apparatus. EN469.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all eyes and skin contact and do not breathe vapour and mist. Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

6.1.1. For non-emergency personnel

Protective equipment : In case of inadequate ventilation wear respiratory protection.
Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Do not discharge into drains or the environment.

6.3. Methods and material for containment and cleaning up

For containment : Stop the flow of material, if this is without risk. Contain and/or absorb spill with inert material, then place in suitable container.
Methods for cleaning up : Take up in non-combustible absorbent material and shove into container for disposal.

6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling : Avoid breathing mist, spray, vapours. Use only outdoors or in a well-ventilated area. No naked lights. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/... equipment.
Storage conditions : Keep container tightly closed. Store in a dry, cool and well-ventilated place.
Incompatible products : Oxidizer. Cyanides and sulfide salts.
Incompatible materials : Heat sources. Sources of ignition.
Prohibitions on mixed storage : Keep away from incompatible materials.

7.3. Specific end use(s)

Flux.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ethanol (64-17-5)		
Austria	Local name	Ethyl alcohol
Austria	MAK (mg/m ³)	1900 mg/m ³
Austria	MAK (ppm)	1000 ppm
Austria	MAK Short time value (mg/m ³)	3800 mg/m ³
Austria	MAK Short time value (ppm)	2000 ppm
Belgium	Local name	Alcool éthylique
Belgium	Limit value (mg/m ³)	1907 mg/m ³
Belgium	Limit value (ppm)	1000 ppm
Bulgaria	Local name	Етилов алкохол
Bulgaria	OEL TWA (mg/m ³)	1000 mg/m ³
France	Local name	Alcool éthylique
France	VLE (mg/m ³)	9500 mg/m ³
France	VLE (ppm)	5000 ppm
France	VME (mg/m ³)	1900 mg/m ³
France	VME (ppm)	1000 ppm
Germany	Local name	Ethanol

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ethanol (64-17-5)		
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	960 mg/m ³
Germany	TRGS 900 Occupational exposure limit value (ppm)	500 ppm
Germany	Remark (TRGS 900)	DFG,Y
Greece	OEL TWA (mg/m ³)	1900 mg/m ³
Greece	OEL TWA (ppm)	1000 ppm
Italy - Portugal - USA ACGIH	Local name	Ethanol
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	1884 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	1000 ppm
Italy - Portugal - USA ACGIH	ACGIH STEL (ppm)	1000 ppm
Italy - Portugal - USA ACGIH	Remark (ACGIH)	URT irr
Latvia	Local name	Etilspirts (etanols)
Latvia	OEL TWA (mg/m ³)	1000 mg/m ³
Spain	Local name	Alcohol etílico
Spain	VLA-ED (mg/m ³)	1910 mg/m ³
Spain	VLA-ED (ppm)	1000 ppm
Spain	VLA-EC (mg/m ³)	1910 mg/m ³
Spain	VLA-EC (ppm)	1000 ppm
Spain	Notes	s,
Switzerland	Local name	Ethanol
Switzerland	VLE (mg/m ³)	1920 mg/m ³
Switzerland	VLE (ppm)	1000 ppm
Switzerland	VME (mg/m ³)	960 mg/m ³
Switzerland	VME (ppm)	500 ppm
Switzerland	Remark (CH)	4x15
The Netherlands	Local name	Ethanol
The Netherlands	MAC TGG 8H (mg/m ³)	260 mg/m ³
The Netherlands	MAC TGG 15MIN (mg/m ³)	1900 mg/m ³
The Netherlands	Remark (MAC)	H
United Kingdom	Local name	Ethanol
United Kingdom	WEL TWA (mg/m ³)	1920 mg/m ³
United Kingdom	WEL TWA (ppm)	1000 ppm
Czech Republic	Local name	Ethanol
Czech Republic	Expoziční limity (PEL) (mg/m ³)	1000 mg/m ³
Czech Republic	Expoziční limity (PEL) (ppm)	530 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	3000 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (ppm)	1600 ppm
Denmark	Local name	Ethanol
Denmark	Grænseværdie (langvarig) (mg/m ³)	1900 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	1000 ppm
Denmark	Grænseværdie (kortvarig) (mg/m ³)	3800 mg/m ³
Denmark	Grænseværdie (kortvarig) (ppm)	2000 ppm
Finland	Local name	Etanoli
Finland	HTP-arvo (8h) (mg/m ³)	1900 mg/m ³
Finland	HTP-arvo (8h) (ppm)	1000 ppm
Finland	HTP-arvo (15 min)	2500 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	1300 ppm
Hungary	Local name	ETIL-ALKOHOL
Hungary	AK-érték	1900 mg/m ³
Hungary	CK-érték	7600 mg/m ³
Hungary	Megjegyzések (HU)	IV.
Ireland	Local name	Ethanol
Ireland	OEL (15 min ref) (ppm)	1000 ppm
Lithuania	Local name	Etanolis (etilo alkoholis)

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ethanol (64-17-5)		
Lithuania	IPRV (mg/m ³)	1000 mg/m ³
Lithuania	IPRV (ppm)	500 ppm
Lithuania	TPRV (mg/m ³)	1900 mg/m ³
Lithuania	TPRV (ppm)	1000 ppm
Norway	Local name	Etanol
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	950 mg/m ³
Norway	Gjennomsnittsverdier (AN) (ppm)	500 ppm
Poland	Local name	Etanol (alkohol etylowy)
Poland	NDS (mg/m ³)	1900 mg/m ³
Romania	Local name	Alcool etilic
Romania	OEL TWA (mg/m ³)	1900 mg/m ³
Romania	OEL TWA (ppm)	1000 ppm
Romania	OEL STEL (mg/m ³)	9500 mg/m ³
Romania	OEL STEL (ppm)	5000 ppm
Slovakia	NPHV (priemerná) (mg/m ³)	960 mg/m ³
Slovakia	NPHV (priemerná) (ppm)	500 ppm
Sweden	Local name	Ethanol
Sweden	nivågränsvärde (NVG) (mg/m ³)	1000 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	500 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	1900 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	1000 ppm
Portugal	Local name	Etanol (Álcool etílico)
Portugal	OEL TWA (ppm)	1000 ppm
Croatia	Local name	Etanol; (Etil-alkohol)
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	1900 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	1000 ppm
Croatia	Naznake (HR)	F
Isopropanol (67-63-0)		
Austria	Local name	Isopropyl alcohol
Austria	MAK (mg/m ³)	500 mg/m ³
Austria	MAK (ppm)	200 ppm
Austria	MAK Short time value (mg/m ³)	2000 mg/m ³
Austria	MAK Short time value (ppm)	800 ppm
Belgium	Local name	Alcool isopropylique
Belgium	Limit value (mg/m ³)	500 mg/m ³
Belgium	Limit value (ppm)	200 ppm
Belgium	Short time value (mg/m ³)	1000 mg/m ³
Belgium	Short time value (ppm)	400 ppm
Bulgaria	Local name	Изопропилов алкохол
Bulgaria	OEL TWA (mg/m ³)	980 mg/m ³
Bulgaria	OEL STEL (mg/m ³)	1225 mg/m ³
France	Local name	Alcool isopropylique
France	VLE (mg/m ³)	980 mg/m ³
France	VLE (ppm)	400 ppm
Germany	Local name	Propan-2-ol
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	500 mg/m ³
Germany	TRGS 900 Occupational exposure limit value (ppm)	200 ppm
Germany	Remark (TRGS 900)	DFG,Y
Germany	TRGS 903 (BGW)	50 mg/l Aceton (Blut; Expositionsende bzw. Schichtende)
Greece	OEL TWA (mg/m ³)	980 mg/m ³
Greece	OEL TWA (ppm)	400 ppm
Greece	OEL STEL (mg/m ³)	1225 mg/m ³
Greece	OEL STEL (ppm)	500 ppm
Italy - Portugal - USA ACGIH	Local name	2-Propanol

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ethanol (64-17-5)		
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	490 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	200 ppm
Italy - Portugal - USA ACGIH	ACGIH STEL (mg/m ³)	960 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH STEL (ppm)	400 ppm
Italy - Portugal - USA ACGIH	Remark (ACGIH)	Eye & URT irr; CNS impair
Spain	VLA-ED (mg/m ³)	500 mg/m ³ VLB, s
Spain	VLA-ED (ppm)	200 ppm VLB, s 40 ppm F, I "(Acetona en orina; Final de la semana, laboral 1)"
Spain	VLA-EC (mg/m ³)	1000 mg/m ³ VLB, s
Spain	VLA-EC (ppm)	400 ppm VLB, s
Switzerland	Local name	2-Propanol
Switzerland	VLE (mg/m ³)	1000 mg/m ³
Switzerland	VLE (ppm)	400 ppm
Switzerland	VME (mg/m ³)	500 mg/m ³
Switzerland	VME (ppm)	200 ppm
Switzerland	Remark (CH)	4x15
The Netherlands	MAC TGG 8H (mg/m ³)	650 mg/m ³
The Netherlands	MAC TGG 8H (ppm)	250 ppm
United Kingdom	Local name	Propan-2-ol
United Kingdom	WEL TWA (mg/m ³)	999 mg/m ³
United Kingdom	WEL TWA (ppm)	400 ppm
United Kingdom	WEL STEL (mg/m ³)	1250 mg/m ³
United Kingdom	WEL STEL (ppm)	500 ppm
Czech Republic	Local name	iso-Propanol
Czech Republic	Expoziční limity (PEL) (mg/m ³)	500 mg/m ³
Czech Republic	Expoziční limity (PEL) (ppm)	204 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	1000 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (ppm)	410 ppm
Czech Republic	Remark (CZ)	D
Denmark	Local name	Isopropylalkohol (2005)
Denmark	Grænseværdie (langvarig) (mg/m ³)	490 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	200 ppm
Denmark	Grænseværdie (kortvarig) (mg/m ³)	980 mg/m ³
Denmark	Grænseværdie (kortvarig) (ppm)	400 ppm
Finland	Local name	2-Propanoli
Finland	HTP-arvo (8h) (mg/m ³)	500 mg/m ³
Finland	HTP-arvo (8h) (ppm)	200 ppm
Finland	HTP-arvo (15 min)	620 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	250 ppm
Hungary	Local name	IZOPROPIL-ALKOHOL
Hungary	AK-érték	500 mg/m ³
Hungary	CK-érték	2000 mg/m ³
Hungary	Megjegyzések (HU)	b, i; II.1.
Ireland	Local name	Isopropyl alcohol
Ireland	OEL (8 hours ref) (ppm)	200 ppm
Ireland	OEL (15 min ref) (ppm)	400 ppm
Ireland	Notes (IE)	Sk
Lithuania	Local name	2-propanolis (izopropanolis, izopropilo alkoholis)
Lithuania	IPRV (mg/m ³)	350 mg/m ³
Lithuania	IPRV (ppm)	150 ppm
Lithuania	TPRV (mg/m ³)	600 mg/m ³

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ethanol (64-17-5)		
Lithuania	TPRV (ppm)	250 ppm
Norway	Local name	2-Propanol
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	245 mg/m ³
Norway	Gjennomsnittsverdier (AN) (ppm)	100 ppm
Poland	Local name	Propan-2-ol (izopropylowy alkohol)
Poland	NDS (mg/m ³)	900 mg/m ³
Poland	NDSch (mg/m ³)	1200 mg/m ³
Romania	Local name	Alcool izopropilic
Romania	OEL TWA (mg/m ³)	200 mg/m ³
Romania	OEL TWA (ppm)	81 ppm
Romania	OEL STEL (mg/m ³)	500 mg/m ³
Romania	OEL STEL (ppm)	203 ppm
Slovakia	NPHV (priemerná) (mg/m ³)	500 mg/m ³
Slovakia	NPHV (priemerná) (ppm)	200 ppm
Sweden	Local name	Isopropanol
Sweden	nivågränsvärde (NVG) (mg/m ³)	350 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	150 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	600 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	250 ppm
Portugal	Local name	2-Propanol (isopropanol ou álcool isopropílico)
Portugal	OEL TWA (ppm)	200 ppm
Portugal	OEL STEL (ppm)	400 ppm
Croatia	Local name	Propan-2-ol; (izopropil-alkohol; izopropanol)
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	999 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	400 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	1250 mg/m ³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	500 ppm
Croatia	Naznake (HR)	F, Xi
propyl acetate (109-60-4)		
Austria	Local name	n-Propyl acetate
Austria	MAK (mg/m ³)	420 mg/m ³
Austria	MAK (ppm)	100 ppm
Austria	MAK Short time value (mg/m ³)	420 mg/m ³
Austria	MAK Short time value (ppm)	100 ppm
Austria	Remark (AT)	(gemessen als Momentanwert)
Belgium	Local name	Acétate de n-propyle
Belgium	Limit value (mg/m ³)	847 mg/m ³
Belgium	Limit value (ppm)	200 ppm
Belgium	Short time value (mg/m ³)	1055 mg/m ³
Belgium	Short time value (ppm)	250 ppm
France	Local name	Acétate de n-propyle
France	VME (mg/m ³)	840 mg/m ³
France	VME (ppm)	200 ppm
Greece	OEL TWA (mg/m ³)	840 mg/m ³
Greece	OEL TWA (ppm)	200 ppm
Greece	OEL STEL (mg/m ³)	1050 mg/m ³
Greece	OEL STEL (ppm)	250 ppm
Italy - Portugal - USA ACGIH	Local name	n-Propyl acetate
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	835 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	200 ppm
Italy - Portugal - USA ACGIH	ACGIH STEL (mg/m ³)	1040 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH STEL (ppm)	250 ppm
Italy - Portugal - USA ACGIH	Remark (ACGIH)	Eye & URT irr
Latvia	Local name	Propilacetāts (etiķskābespropilesteris)

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ethanol (64-17-5)		
Latvia	OEL TWA (mg/m ³)	200 mg/m ³
Spain	VLA-ED (mg/m ³)	849 mg/m ³
Spain	VLA-ED (ppm)	200 ppm
Spain	VLA-EC (mg/m ³)	1060 mg/m ³
Spain	VLA-EC (ppm)	250 ppm
Switzerland	Local name	Acétate de n- propyle
Switzerland	VLE (mg/m ³)	840 mg/m ³
Switzerland	VLE (ppm)	200 ppm
Switzerland	VME (mg/m ³)	420 mg/m ³
Switzerland	VME (ppm)	100 ppm
Switzerland	Remark (CH)	4x15
United Kingdom	Local name	n-Propyl acetate
United Kingdom	WEL TWA (mg/m ³)	849 mg/m ³
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (mg/m ³)	1060 mg/m ³
United Kingdom	WEL STEL (ppm)	250 ppm
Czech Republic	Local name	n-Propylacetát
Czech Republic	Expoziční limity (PEL) (mg/m ³)	800 mg/m ³
Czech Republic	Expoziční limity (PEL) (ppm)	192 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	1000 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (ppm)	240 ppm
Czech Republic	Remark (CZ)	I
Denmark	Local name	n-Propylacetat (1994)
Denmark	Grænseværdie (langvarig) (mg/m ³)	625 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	150 ppm
Denmark	Grænseværdie (kortvarig) (mg/m ³)	1250 mg/m ³
Denmark	Grænseværdie (kortvarig) (ppm)	300 ppm
Finland	Local name	1-Propyyliasettaatti
Finland	HTP-arvo (8h) (mg/m ³)	420 mg/m ³
Finland	HTP-arvo (8h) (ppm)	100 ppm
Finland	HTP-arvo (15 min)	850 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	200 ppm
Hungary	Local name	PROPIL-ACETÁT
Hungary	AK-érték	840 mg/m ³
Hungary	CK-érték	840 mg/m ³
Hungary	Megjegyzések (HU)	b, i, l.
Ireland	Local name	n-Propyl acetate
Ireland	OEL (8 hours ref) (mg/m ³)	840 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	200 ppm
Ireland	OEL (15 min ref) (mg/m ³)	1050 mg/m ³
Ireland	OEL (15 min ref) (ppm)	250 ppm
Lithuania	Local name	Propilacetatas
Lithuania	IPRV (mg/m ³)	420 mg/m ³
Lithuania	IPRV (ppm)	100 ppm
Lithuania	TPRV (mg/m ³)	800 mg/m ³
Lithuania	TPRV (ppm)	200 ppm
Norway	Local name	n-Propylacetat
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	420 mg/m ³
Norway	Gjennomsnittsverdier (AN) (ppm)	100 ppm
Poland	Local name	Octan propylu

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ethanol (64-17-5)		
Poland	NDS (mg/m ³)	200 mg/m ³
Poland	NDSch (mg/m ³)	400 mg/m ³
Romania	Local name	Acetat de propil și izopropil
Romania	OEL TWA (mg/m ³)	400 mg/m ³
Romania	OEL TWA (ppm)	96 ppm
Romania	OEL STEL (mg/m ³)	600 mg/m ³
Romania	OEL STEL (ppm)	144 ppm
Slovakia	NPHV (priemerná) (mg/m ³)	400 mg/m ³
Slovakia	NPHV (priemerná) (ppm)	100 ppm
Sweden	Local name	Propyl acetate
Sweden	nivågränsvärde (NVG) (mg/m ³)	400 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	100 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	800 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	200 ppm
Portugal	Local name	Acetato de n-propilo
Portugal	OEL TWA (ppm)	200 ppm
Portugal	OEL STEL (ppm)	250 ppm
Croatia	Local name	Propil-acetat
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	849 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	200 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	1060 mg/m ³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	250 ppm
Croatia	Naznake (HR)	F, Xi
ammonium chloride (12125-02-9)		
Austria	Local name	Ammonium chloride (fume)
Belgium	Local name	Ammonium (chlorure d') (fumées)
Belgium	Limit value (mg/m ³)	10 mg/m ³
Belgium	Short time value (mg/m ³)	20 mg/m ³
Belgium	Remark*	(chloure d', fumées)
Bulgaria	Local name	Амониев хлорид
Bulgaria	OEL TWA (mg/m ³)	10 mg/m ³
France	Local name	Ammonium (chlorure d'),fumées
France	VME (mg/m ³)	10 mg/m ³
Greece	OEL TWA (mg/m ³)	10 mg/m ³
Greece	OEL STEL (mg/m ³)	20 mg/m ³
Italy - Portugal - USA ACGIH	Local name	Ammonium chloride fume
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH STEL (mg/m ³)	20 mg/m ³
Italy - Portugal - USA ACGIH	Remark (ACGIH)	Eye & URT irr
Latvia	Local name	Amonijahlorīds
Latvia	OEL TWA (mg/m ³)	10 mg/m ³
Spain	VLA-ED (mg/m ³)	10 mg/m ³
Spain	VLA-EC (mg/m ³)	20 mg/m ³
Switzerland	Local name	Chlorure d'ammonium
Switzerland	VME (mg/m ³)	3 mg/m ³
Switzerland	Remark (CH)	(alveolengängiger Staub)
United Kingdom	Local name	Ammonium chloride, fume
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	20 mg/m ³
United Kingdom	Remark (WEL)	(fume)
Czech Republic	Local name	Chlorid amonný (dýmy)
Czech Republic	Expoziční limity (PEL) (mg/m ³)	5 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	10 mg/m ³
Czech Republic	Remark (CZ)	I

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ethanol (64-17-5)		
Denmark	Local name	Ammoniumchloridrøg
Denmark	Grænseværdie (langvarig) (mg/m3)	10 mg/m ³
Ireland	Local name	Ammonium chloride, fume
Ireland	OEL (8 hours ref) (mg/m3)	10 mg/m ³
Ireland	OEL (15 min ref) (mg/m3)	20 mg/m ³
Lithuania	Local name	Amonio chloridas
Lithuania	IPRV (mg/m3)	10 mg/m ³
Norway	Local name	Ammoniumklorid
Norway	Gjennomsnittsverdier (AN) (mg/m3)	10 mg/m ³
Norway	Merknader (NO)	1)
Poland	Local name	Chlorek amonu (amonowy chlorek) pary i dymy
Poland	NDS (mg/m3)	10 mg/m ³
Poland	NDSch (mg/m3)	20 mg/m ³
Poland	Remark (PL)	pary i dymy
Romania	Local name	Clorura de amoniu
Romania	OEL TWA (mg/m ³)	5 mg/m ³
Romania	OEL STEL (mg/m ³)	10 mg/m ³
Portugal	Local name	Cloreto de amónio, fumos
Portugal	OEL TWA (mg/m ³)	10 mg/m ³
Portugal	OEL STEL (mg/m ³)	20 mg/m ³
Croatia	Local name	Amonijev klorid
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	10 mg/m ³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	20 mg/m ³
Croatia	Naznake (HR)	Xn
Polyethylene Glycol (25322-68-3)		
Austria	MAK (mg/m ³)	1000 mg/m ³ (einatembare Fraktion)
Austria	MAK Short time value (mg/m ³)	4000 mg/m ³ max. 4x15 min./Schicht (einatembare Fraktion)
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	1000 mg/m ³
Germany	TRGS 900 Limitation of exposure peaks (mg/m ³)	8000 mg/m ³
Germany	Remark (TRGS 900)	(einatembare Fraktion)
Switzerland	VME (ppm)	1000 ppm
Switzerland	Remark (CH)	(mittlere Molmasse 200–600)
Denmark	Grænseværdie (langvarig) (mg/m3)	1000 mg/m ³
Denmark	Grænseværdie (kortvarig) (mg/m3)	2000 mg/m ³
Denmark	Anmærkninger (DK)	(Polyethylenglycol (PEG) med middelmolvægt på 200-600)
Slovakia	NPHV (priemerná) (mg/m3)	1000 mg/m ³
Slovakia	Upozornenie (SK)	krátkodobý: kategória II.

8.2. Exposure controls

Appropriate engineering controls	: Avoid creating mist or spray. Avoid splashing. Either local exhaust or general room ventilation is usually required.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: It is a good industrial hygiene practice to minimize skin contact. In case of repeated or prolonged contact wear gloves. rubber. EN 374.
Eye protection	: In case of splashing or aerosol production: protective goggles. EN 166.
Respiratory protection	: In case of inadequate ventilation wear respiratory protection. Use an approved respirator equipped with oil/mist cartridges. EN 12083.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: yellow. light brown.

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Odour	: No data available
Odour threshold	: No data available
pH	: 6.5 - 7
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 100 °C
Flash point	: 42.2 °C
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Flammable liquid and vapour
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: 6 %
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SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Avoid excessive heat or cold. Open flame. Overheating. Direct sunlight. Heat. Sparks.

10.5. Incompatible materials

Oxidizing agent. Cyanides and sulfide salts.

10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon dioxide. Carbon monoxide. ammonia. hydrogen chloride. ammonium chloride. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

BRITE Regular Soldering Flux Liquid	
LD50 oral rat	> 5000 mg/kg male
ethanol (64-17-5)	
LD50 oral rat	10470 mg/kg
LD50 dermal rabbit	> 20000 mg/kg
LC50 inhalation rat (mg/l)	133.8 mg/l/4h
ATE (oral)	10470.000 mg/kg bodyweight
ATE (vapours)	133.800 mg/l/4h
ATE (dust,mist)	133.800 mg/l/4h
Isopropanol (67-63-0)	
LD50 oral rat	5840 mg/kg
LD50 dermal rabbit	16.4 ml/kg
LC50 inhalation rat (ppm)	> 10000 ppm/4h
ATE (oral)	5840.000 mg/kg bodyweight

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propyl acetate (109-60-4)	
LD50 oral rat	8700 mg/kg
LD50 dermal rabbit	> 17800 mg/kg
LC50 inhalation rat (mg/l)	32 mg/l/4h
ATE (oral)	8700.000 mg/kg bodyweight
ATE (vapours)	32.000 mg/l/4h
ATE (dust,mist)	32.000 mg/l/4h
ammonium chloride (12125-02-9)	
LD50 oral rat	1410 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE (oral)	1410.000 mg/kg bodyweight
Polyethylene Glycol (25322-68-3)	
LD50 oral rat	47000 mg/kg
LD50 dermal rat	> 20000 mg/kg
ATE (oral)	47000.000 mg/kg bodyweight

Skin corrosion/irritation	: Not classified. (Not irritating to rabbits on cutaneous application)
Serious eye damage/irritation	: Not classified (Not irritating to rabbits on ocular application)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)

ammonium chloride (12125-02-9)	
NOAEL (subchronic,oral, animal/male,90 days)	>= 580 mg/kg bodyweight 56 days
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

ethanol (64-17-5)	
LC50 fishes 1	14200 mg/l
EC50 Daphnia 1	5012 mg/l
Isopropanol (67-63-0)	
LC50 fishes 1	10000 mg/l
propyl acetate (109-60-4)	
LC50 fishes 1	60 mg/l 96 h
EC50 Daphnia 1	91.5 mg/l 48 h
ammonium chloride (12125-02-9)	
LC50 fishes 1	209 mg/l 96 h
EC50 Daphnia 1	101 mg/l 48 h
Polyethylene Glycol (25322-68-3)	
LC50 fishes 1	> 100 mg/l
LC50 other aquatic organisms 1	1000 mg/l

12.2. Persistence and degradability

ethanol (64-17-5)	
Biodegradation	> 96 % 28 d
Isopropanol (67-63-0)	
Persistence and degradability	Readily biodegradable.
propyl acetate (109-60-4)	
Persistence and degradability	Readily biodegradable.
Biodegradation	62 % 5 d

12.3. Bioaccumulative potential

ethanol (64-17-5)	
Bioaccumulative potential	Not expected to bioaccumulate.
Isopropanol (67-63-0)	
Bioaccumulative potential	Not expected to bioaccumulate.

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propyl acetate (109-60-4)

Log Pow	1.23
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

BRITE Regular Soldering Flux Liquid

PBT: not yet assessed

vPvB: not yet assessed

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	: Avoid release to the environment.
EURLW code	: For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
H code	: H4 - 'Irritant': non-corrosive substances and preparations which, through immediate, prolonged or repeated contact with the skin or mucous membrane, can cause inflammation. H3-B - 'Flammable': liquid substances and preparations having a flash point equal to or greater than 21 °C and less than or equal to 55 °C.

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

UN-No. (ADR)	: 1170
UN-No.(IATA)	: 1170
UN-No. (IMDG)	: 1170
UN-No.(ADN)	: 1170

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper Shipping Name (IATA)	: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper Shipping Name (IMDG)	: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper Shipping Name (ADN)	: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport document description (ADR)	: UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III, (D/E)

14.3. Transport hazard class(es)

Class (ADR)	: 3
Classification code (ADR)	: F1
Class (IATA)	: 3
Class (IMDG)	: 3
Class (ADN)	: 3
Classification code (ADN)	: F1

14.4. Packing group

Packing group (ADR)	: III
Packing group (IATA)	: III
Packing group (IMDG)	: III
Packing group (ADN)	: III

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.)	: 30
Classification code (ADR)	: F1

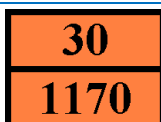
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Orange plates

:



Tunnel restriction code (ADR)

: D/E

EAC code

: •2YE

14.6.2. Transport by sea

EmS-No. (Fire)

: F-E

EmS-No. (Spillage)

: S-D

Stowage category (IMDG)

: A

14.6.3. Inland waterway transport

Carriage prohibited (ADN)

: No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

BRITE Regular Soldering Flux Liquid is not on the REACH Candidate List

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

VOC content : 6 %

15.1.2. National regulations

All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).

All ingredients are listed in the Toxic Substances Control Act (TSCA).

All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

Germany

Water hazard class (WGK)

: 2 - hazardous to water

WGK remark

: Classification based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

GHS classification information. Revised format. Revised sections: 1 - 16.

Data sources

: ACGIH 2000.

Canadian Centre for Occupational Health and Safety. Accessed at:
http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html.

ESIS (European chemical Substances Information System; accessed at:
<http://esis.jrc.ec.europa.eu/index.php?PGM=cla>.

European Chemicals Agency (ECHA) Registered Substances list. Accessed at
<http://echa.europa.eu/>. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition.

National Fire Protection Association; Fire Protection Guide to Hazardous Materials; 10th edition.

OSHA 29CFR 1910.1200 Hazard Communication Standard.

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

TSCA Chemical Substance Inventory. Accessed at
<http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>.

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Abbreviations and acronyms

: ACGIH (American Conference of Government Industrial Hygienists).
ATE: Acute Toxicity Estimate.
CAS (Chemical Abstracts Service) number.
CLP: Classification, Labelling, Packaging.
EC50: Environmental Concentration associated with a response by 50% of the test population.
GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
LD50: Lethal Dose for 50% of the test population.
OSHA: Occupational Safety & Health Administration.
PBT: Persistent, Bioaccumulative, Toxic.
PNEC: Predicted No Effect Level.
STEL: Short Term Exposure Limits.
TSCA: Toxic Substances Control Act.
TWA: Time Weight Average.

Other information

: None.

Full text of R-, H- and EUH-phrases::

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Skin Irrit. 2	skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
R10	Flammable.
R11	Highly flammable.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R36/37/38	Irritating to eyes, respiratory system and skin.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.
F	Highly flammable
Xi	Irritant
Xn	Harmful.

BRITE Regular Soldering Flux Liquid classifications:

Flam. Liq. 3	☒ On basis of test data	☐ Calculation method
STOT SE 3	☐ On basis of test data	☒ Calculation method

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LA-CO EU CLP SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.