	VALEO SERVICE	Revision nr. 1
		Dated 22/11/2019
		First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)	Printed on 22/11/2019
		Page n. 1/12

Safety Data Sheet

According to Annex II to REACH - Regulation 2015/830

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Product name	PROTECTIVE 50 G12, G12++ and G13 Ready to use - 820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891

1.2. Relevant identified uses of the substance or mixture and uses advised against	
Intended use	PREDILUTED COOLANT (for B2C)

Identified Uses	Industrial	Professional	Consumer
De-icing and anti-icing applications			

1.3. Details of the supplier of the safety data sheet	
Name	Valeo Service UK Limited
Full address	Heming Road, Washford
District and Country	Redditch, Worcestershire B98 0DZ ENGLAND
	Tel. +44 1527 838 300
	Fax +44 1527 523 732
e-mail address of the competent person responsible for the Safety Data Sheet	vsa.uk.technical.mailbox@valeo.com

1.4. Emergency telephone number	
For urgent inquiries refer to	+441527838300 (business hours) 844 892 0111 (24 hrs)

SECTION 2. Hazards identification


2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2015/830. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.



Hazard classification and indication:

Acute toxicity, category 4	H302	Harmful if swallowed.
Specific target organ toxicity - repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

	VALEO SERVICE	Revision nr. 1
		Dated 22/11/2019
		First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)	Printed on 22/11/2019
		Page n. 2/12

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:						
						

Signal words:	Warning
---------------	---------

Hazard statements:

H302	Harmful if swallowed.
H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
P102	Keep out of reach of children.
P101	If medical advice is needed, have product container or label at hand.
P262	Do not get in eyes, on skin, or on clothing.
P314	Get medical advice / attention if you feel unwell.
P270	Do not eat, drink or smoke when using this product.
P264	Wash hands thoroughly after handling.
P301+P312	IF SWALLOWED: Call a POISON CENTER / doctor / . . . / if you feel unwell.
Contains:	ETHANEDIOL

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP)
ETHANEDIOL		
CAS 107-21-1	70 ≤ x < 99	Acute Tox. 4 H302, STOT RE 2 H373
EC 203-473-3		
INDEX 603-027-00-1		
Reg. no. 01-2119456816-28-xxxx		


The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing

	VALEO SERVICE	Revision nr. 1
		Dated 22/11/2019
		First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)	Printed on 22/11/2019
		Page n. 3/12

before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.


6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

	VALEO SERVICE	Revision nr. 1
		Dated 22/11/2019
		First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)	Printed on 22/11/2019
		Page n. 4/12

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)


Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

BGR	България	МИНИСТЕРСТВО НА ТРУДА И СОЦИАЛНАТА ПОЛИТИКА МИНИСТЕРСТВО НА ЗДРАВЕОПАЗВАНЕТО НАРЕДБА No 13 от 30 декември 2003 г (4 Септември 2018г)
CZE	Česká Republika	Nařízení vlády č. 246/2018 Sb. Nařízení vlády, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se stanoví podmínky ochrany zdraví při práci, ve znění pozdějších předpisů
DEU	Deutschland	TRGS 900 - Seite 1 von 69 (Fassung 29.03.2019)- Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte
DNK	Danmark	Bekendtgørelse om ændring af bekendtgørelse om grænseværdier for stoffer og materialer1- BEK nr 655 af 31/05/2018
ESP	España	LÍMITES DE EXPOSICIÓN PROFESIONAL PARA AGENTES QUÍMICOS EN ESPAÑA 2019 (INSST)
EST	Eesti	Töökeskonna keemiliste ohutegurite piinormid. Vastu võetud Vabariigi Valitsuse 18. septembri 2001. a määrusega nr 293 (RT I 2001, 77, 460), jõustunud 29.09.2001. Muudetud järgmise määrusega (kuupäev, number, avaldamine Riigi Teatajas, jõustumise aeg): 11.10.2007 nr 223 (RT I 2007, 55, 369) 1.01.2008
FIN	Suomi	HTP-VÄRDEN 2018. Koncentrationer som befunnits skadliga. SOCIAL- OCH HÄLSOVÄRDSMINISTERIETS PUBLIKATIONER 10/2018
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Third edition,published 2018)
GRC	Ελλάδα	ΕΦΗΜΕΡΙΔΑ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ - ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 152 - 21 Αυγούστου 2018
HRV	Hrvatska	Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 91/18)
HUN	Magyarország	A pénzügyminiszter 7/2018. (VIII. 29.) PM rendelete a munkahelyek kémiai biztonságáról szóló 25/2000. (IX. 30.) EüM-SZCSM együttes rendelet módosításáról
ITA	Italia	DIRETTIVA (UE) 2017/164 DELLA COMMISSIONE del 31 gennaio 2017
LTU	Lietuva	LIETUVOS HIGIENOS NORMA HN 23:2011 „CHEMINIŲ MEDŽIAGŲ PROFESINIO POVEIKIO RIBINIAI DYDŽIAI. MATAVIMO IR POVEIKIO VERTINIMO BENDRIEJI REIKALAVIMAI. Nr. V-695/A1-272, 2018-06-12, paskelbta TAR 2018-06-15, i. k. 2018-09988
LVA	Latvija	Kīmisko vielu aroda ekspozīcijas robežvērtības (AER) darba vides gaisā 2018
NLD	Nederland	Regeling van de Staatssecretaris van Sociale Zaken en Werkgelegenheid van 13 juli 2018, 2018-0000118517 tot wijziging van de Arbeidsomstandighedenregeling in verband met de implementatie van Richtlijn 2017/164 in Bijlage XIII
NOR	Norge	Fastsatt av Arbeids- og sosialdepartementet 21. august 2018 med hjemmel i lov 17. juni 2005 nr. 62 om arbeidsmiljø, arbeidstid, stillingsvern mv. (arbeidsmiljøloven) § 1-3, § 1-4 og § 4-5
SVK	Slovensko	Nariadenie vlády č. 33/2018 Z. z. Nariadenie vlády Slovenskej republiky, ktorým sa mení a dopĺňa nariadenie vlády Slovenskej republiky č. 355/2006 Z. z. o ochrane zamestnancov pred rizikami súvisiacimi s expozíciou chemickým faktorom pri práci v znení neskorších predpisov
SWE	Sverige	Hygieniska gränsvärden, AFS 2018:1
TUR	Türkiye	KİMYASAL MADDELERLE ÇALIŞMALARDA SAĞLIK VE GÜVENLİK ÖNLEMLERİ HAKKINDA YÖNETMELİK - Resmi Gazete Tarihi: 12.08.2013 Resmi Gazete Sayısı: 28733
EU	OEL EU	Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2019

	VALEO SERVICE				Revision nr. 1
					Dated 22/11/2019
					First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)				Printed on 22/11/2019
				Page n. 5/12	

ETHANEDIOL								
Threshold Limit Value								
Type	Country	TWA/8h		STEL/15min		Remarks / Observations		
		mg/m3	ppm	mg/m3	ppm			
TLV	BGR	52		104		SKIN		
TLV	CZE	50		100		SKIN		
AGW	DEU	26	10	52	20	SKIN		
MAK	DEU	26	10	52	20	SKIN		
TLV	DNK	26	10			SKIN		
VLA	ESP	52	20	104	40	SKIN		
TLV	EST	52	20	104	40	SKIN		
HTP	FIN	50	20	100	40	SKIN		
VLEP	FRA	52	20	104	40	SKIN		
WEL	GBR	52	20	104	40			
TLV	GRC	125	50	125	50			
GVI/KGVI	HRV	52	20	104	40	SKIN		
AK	HUN	52		104				
VLEP	ITA	52	20	104	40	SKIN		
RD	LTU	25	10	50	20	SKIN		
RV	LVA	52	20	104	40	SKIN		
TGG	NLD	52		104		SKIN		
TLV	NOR		25			SKIN		
NPEL	SVK	52	20	104		SKIN		
NGV/KGV	SWE	25	10	50	20	SKIN		
ESD	TUR	52	20	104	40	SKIN		
OEL	EU	52	20	104	40	SKIN		
TLV-ACGIH				100 (C)				
Predicted no-effect concentration - PNEC								
Normal value in fresh water				10		mg/l		
Normal value in marine water				1		mg/l		
Normal value for fresh water sediment				20,9		mg/kg		
Normal value for water, intermittent release				10		mg/l		
Normal value of STP microorganisms				199,5		mg/l		
Normal value for the terrestrial compartment				1,53		mg/kg		
Health - Derived no-effect level - DNEL / DMEL								
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation			7 mg/m3	VND			35 mg/m3	VND
Skin			VND	53 mg/kg/d			VND	106 mg/kg/d

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.


Exposure levels must be kept as low as possible to avoid significant build-up in the organism. Manage personal protective equipment so as to guarantee maximum protection (e.g. reduction in replacement times).

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration

	VALEO SERVICE	Revision nr. 1
		Dated 22/11/2019
		First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)	Printed on 22/11/2019
		Page n. 6/12

and type of use.

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS


The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	liquid	
Colour	yellow or pink	
Odour	characteristic	
Odour threshold	Not available	
pH	7,5 - 10	
Melting point / freezing point	Not available	
Initial boiling point	> 170 °C	
Boiling range	Not available	
Flash point	> 125 °C	
Evaporation Rate	Not available	
Flammability of solids and gases	Not available	
Lower inflammability limit	Not available	
Upper inflammability limit	Not available	
Lower explosive limit	4,9 % (V/V)	
Upper explosive limit	14,6 % (V/V)	
Vapour pressure	Not available	
Vapour density	Not available	
Relative density	1,110 - 1,140	
Solubility	soluble	
Partition coefficient: n-octanol/water	-1,93	
Auto-ignition temperature	> 400 °C	
Decomposition temperature	Not available	
Viscosity	Not available	
Explosive properties	Not available	
Oxidising properties	Not available	

9.2. Other information

	VALEO SERVICE	Revision nr. 1
		Dated 22/11/2019
		First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)	Printed on 22/11/2019
		Page n. 7/12

VOC (Directive 2010/75/EC) :	0	
VOC (volatile carbon) :	0	

SECTION 10. Stability and reactivity

10.1. Reactivity

The product may react exothermically on contact with strong oxidising or reducing agents, strong acids or bases.

10.2. Chemical stability

Excessively high temperatures can cause thermal decomposition.

ETHANEDIOL

Reacts with strong oxidising agents.

10.3. Possibility of hazardous reactions

See paragraph 10.1.

10.4. Conditions to avoid

Avoid overheating.

ETHANEDIOL

ETHANEDIOL: avoid exposure to sources of heat and naked flames.

10.5. Incompatible materials

Oxidising or reducing agents. Strong acids or bases.

Do not store in zinc-coated.

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

ETHANEDIOL

ETHANEDIOL: hydroxyacetaldehyde, glyoxal, acetaldehyde, methane, formaldehyde, carbon monoxide, hydrogen.

SECTION 11. Toxicological information


In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on toxicological effects

ETHANEDIOL

ETHANEDIOL: following ingestion it initially stimulates the CNS; later on depression results. Renal damage with anuria and uremia may occur. Symptoms of over exposure are: vomiting, somnolence, difficulty in breathing, convulsions. The lethal dose in man is approximately 1.4 l/kg. The way of entry is inhalation and ingestion.

	VALEO SERVICE	Revision nr. 1
		Dated 22/11/2019
		First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)	Printed on 22/11/2019
		Page n. 8/12

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture:
Not classified (no significant component)
LD50 (Oral) of the mixture:
303,13 mg/kg
LD50 (Dermal) of the mixture:
Not classified (no significant component)

ETHANEDIOL

LD50 (Oral) > 300 mg/kg
LD50 (Dermal) > 5000 mg/kg Rabbit

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class


REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

	VALEO SERVICE	Revision nr. 1
		Dated 22/11/2019
		First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)	Printed on 22/11/2019
		Page n. 9/12

May cause damage to organs

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

ETHANEDIOL		
LC50 - for Fish		> 100 mg/l/96h
Chronic NOEC for Fish		> 100 mg/l
Chronic NOEC for Crustacea		> 100 mg/l

12.2. Persistence and degradability

ETHANEDIOL		
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Rapidly degradable

12.3. Bioaccumulative potential

ETHANEDIOL		
Partition coefficient: n-octanol/water		-1,93

12.4. Mobility in soil

ETHANEDIOL

ETHANEDIOL: very mobile in soil.

12.5. Results of PBT and vPvB assessment

ETHANEDIOL

ETHANEDIOL: is not considered to be PBT or vPvB.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods


Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

	VALEO SERVICE	Revision nr. 1
		Dated 22/11/2019
		First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)	Printed on 22/11/2019
		Page n. 10/12

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Information not relevant

SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EC: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006


Product

Point	3	
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Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

	VALEO SERVICE	Revision nr. 1
		Dated 22/11/2019
		First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)	Printed on 22/11/2019
		Page n. 11/12

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment

A chemical safety assessment has been performed for the following contained substances

ETHANEDIOL


SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Acute Tox. 4	Acute toxicity, category 4	
STOT RE 2	Specific target organ toxicity - repeated exposure, category 2	
H302	Harmful if swallowed.	
H373	May cause damage to organs through prolonged or repeated exposure.	

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit

	VALEO SERVICE	Revision nr. 1
		Dated 22/11/2019
		First compilation
	PROTECTIVE 50 G12, G12++ and G13 Ready to use (820700, 820705, 820706, 820718, 820719, 820871, 820878, 820879, 820880, 820885, 820886, 820887, 820889, 820890, 820891)	Printed on 22/11/2019
		Page n. 12/12

- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

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Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Product's classification is based on the calculation methods set out in Annex I of the CLP Regulation, unless otherwise indicated in sections 11 and 12.

The data for evaluation of chemical-physical properties are reported in section 9.