SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : C.6 Product code : 60206

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

Detergent.

Professional use.

1.3. Details of the supplier of the safety data sheet

IPC

10 Quai Malbert, 29200, BREST, FRANCE. Tel. : +33 (0)2 98 43 45 44. Fax : +33 (0)2 98 44 22 53 ipc@groupe-ipc.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA http://www.centres-antipoison.net.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site. This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8). This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

Safety data sheet available on request.
Wash hands thoroughly after handling.
F IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
2

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances> = 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Composition .			
Identification	Classification (EC) 1272/2008	Note	%
INDEX: 64_17_5A	GHS07, GHS02	[1]	$2.5 \le x \% \le 10$
CAS: 64-17-5	Dgr		
EC: 200-578-6	Flam. Liq. 2, H225		
REACH: 01-2119457610-43	Eye Irrit. 2, H319		
ETHANOL			

INDEX: 110615 47 9	GHS05		$1 \le x \% < 2.5$
CAS: 110615-47-9	Dgr		$1 \le X \% \le 2.5$
REACH: 01-2119489418-23	Skin Irrit. 2, H315		
REACH. 01-211)+09+10-25	Eye Dam. 1, H318		
D-GLUCOPYRANOSE, OLIGOMERIC,	Lye Duni. 1, 11510		
C10-16-ALKYL GLYCOSIDES			
INDEX: 1603 002 005	GHS02, GHS07	[1]	0.1 <= x % < 1
CAS: 64-17-5	Dgr	[-]	
EC: 200-578-6	Eye Irrit. 2, H319		
	Flam. Liq. 2, H225		
ETHYL ALCOHOL	1		
INDEX: 57_55_6		[1]	$0 \le x \% \le 0.1$
CAS: 57-55-6			
EC: 200-338-0			
REACH: 01-2119456809-23			
PROPYLENE GLYCOL		F 1 3	
INDEX: E422		[1]	$0 \le x \% < 0.1$
CAS: 56-81-5			
EC: 200-289-5			
GLYCEROL			
INDEX: 15392 40 5	GHS07	[1]	$0 \le x \% \le 0.1$
CAS: 5392-40-5	Wng		0 < X > 0 < 0.1
EC: 226-394-6	Skin Irrit. 2, H315		
REACH: 01-2119462829-23	Skin Sens. 1, H317		
	Eye Irrit. 2, H319		
CITRAL	Lyc III. 2, 11319		
INDEX: I601029007A	GHS02, GHS07, GHS08, GHS09	[1]	$0 \le x \% \le 0.1$
CAS: 5989-27-5	Dgr		
EC: 227-813-5	Flam. Liq. 3, H226		
REACH: 01-2119529223-47	Asp. Tox. 1, H304		
	Skin Irrit. 2, H315		
D-LIMONENE	Skin Sens. 1B, H317		
	Aquatic Chronic 3, H412		
	Aquatic Acute 1, H400		
	M Acute = 1		
INDEX: 180_56_8	GHS02, GHS07, GHS08, GHS09	[1]	$0 \le x \% \le 0.1$
CAS: 80-56-8	Dgr		
EC: 201-291-9	Flam. Liq. 3, H226		
REACH: 01-2119519223-49	Acute Tox. 4, H302		
	Asp. Tox. 1, H304		
ALPHA-PINENE	Skin Irrit. 2, H315		
	Skin Sens. 1B, H317		
	Aquatic Acute 1, H400		
	M Acute = 1		
	Aquatic Chronic 1, H410		
	M Chronic = 1		
Specific concentration limits: Identification	Specific concentration limits	ATE	
INDEX: 64 17 5A	Specific concentration limits Eye Irrit. 2A: H319 C>= 50%	ATE inhalation: ATE = 5	1 mg/1 /h
CAS: 64-17-5	Lyc IIII. 2A. H519 C>- 5070	minimization: ALE = 3	1 mg/1 40
EC: 200-578-6		oral: ATE = 10470 1	ng/kg BW
REACH: 01-2119457610-43		01al. ATE = 104/01	ILE/ KE D W
ETHANOL			
INDEX: 110615 47 9	Skin Irrit 2: H315 >= 30%		

D-GLUCOPYRANOSE, OLIGOMERIC, C10-16-ALKYL GLYCOSIDES

Information on ingredients :

INDEX: 110615 47 9

REACH: 01-2119489418-23

CAS: 110615-47-9

(Full text of H-phrases: see section 16)

[1] Substance for which maximum workplace exposure limits are available.

Skin Irrit. 2: H315 >=30% Eye Dam. 1: H318 C>= 12%

Eye Irrit. 2: H319 0% <= C < 12%

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures

In the event of exposure by inhalation :

In the event of massive inhalation, remove the person to fresh air and keep warm and at rest.

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

In the event of splashes or contact with skin :

Rinse thoroughly with water. If discomfort persists, consult a doctor.

In the event of swallowing :

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

4.3. Indication of any immediate medical attention and special treatment needed No data available.

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

- In the event of a fire, use :
- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

Unsuitable methods of extinction

- In the event of a fire, do not use :
- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO2)

5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid all contact with skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention :

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of reach of children.

Storage

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Packaging

80-56-8

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- Germany - AGW (BAuA - TRGS 900, 02/2022)

20 ppm

- Germany - AGW (BAUA - IKGS	900, 02/2022) :			
CAS	VME :	VME :	Excess	Notes	
64-17-5		200 ppm		4(II)	
		380 mg/m ³			
64-17-5		200 ppm		4(II)	
		380 mg/m ³			
56-81-5		200 E mg/m ³		2 (I)	
5989-27-5		5 ppm		4(II)	
		28 mg/m ³			
- Belgium (Royal de	ecree of 11/05/2	021):			
CAS	TWA:	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm				
	1907 mg/m ³				
64-17-5	1000 ppm				
	1907 mg/m ³				
56-81-5	10 mg/m ³				
5392-40-5	5 ppm			D	
	32 mg/m^3	1		1	
	132 mg/m²				

|--|

CAS	VME-ppm :	VME-mg/m3:	VLE-ppm :	VLE-mg/m3:	Notes :	TMP No :
64-17-5	1000	1900	5000	9500	-	84
64-17-5	1000	1900	5000	9500	-	84
56-81-5	-	10	-	-	-	-

- Switzerland (Suva	2021):				
CAS	VME	VLE	Valeur plafond	Notations	
64-17-5	500 ppm	1000 ppm			
	960 mg/m ³	1920 mg/m ³			
64-17-5	500 ppm	1000 ppm			
	960 mg/m ³	1920 mg/m ³			
56-81-5	50 ppm	100 ppm			
5989-27-5	7 ppm	14 ppm			
	40 mg/m ³	80 mg/m ³			
- UK / WEL (Workp	lace exposure l	imits, EH40/200)5, Fourth Editi	on 2020) :	
CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm				
	1920 mg/m ³				
64-17-5	1000 ppm				
	1920 mg/m ³				

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

D-GLUCOPYRANOSE, OLIGOMERIC, C10-16-ALKYL GLYCOSIDES (CAS: 110615-47-9)

Final use:

57-55-6

56-81-5

Exposure method: Potential health effects: DNEL :

10 mg/m³

10 mg/m³

Exposure method: Potential health effects: DNEL :

Final use:

Exposure method: Potential health effects: DNEL :

Exposure method: Potential health effects: DNEL :

Exposure method: Potential health effects: DNEL :

ETHANOL (CAS: 64-17-5) **Final use:**

Exposure method: Potential health effects: DNEL :

Exposure method: Potential health effects: DNEL :

Exposure method: Potential health effects: Workers. Dermal contact. Long term systemic effects. 595000 mg/kg body weight/day

Inhalation. Long term systemic effects. 420 mg of substance/m3

Consumers. Ingestion. Long term systemic effects. 35.7 mg/kg body weight/day

Dermal contact. Long term systemic effects. 357000 mg/kg body weight/day

Inhalation. Long term systemic effects. 124 mg of substance/m3

Workers.

Dermal contact. Long term systemic effects. 343 mg/kg body weight/day

Inhalation. Short term local effects. 1900 mg of substance/m3

Inhalation. Long term systemic effects. DNEL :

Final use: Exposure method: Potential health effects: DNEL :

Predicted no effect concentration (PNEC):

PROPYLENE GLYCOL (CAS: 57-55-6) Environmental compartment: PNEC :

Environmental compartment: PNEC :

Environmental compartment: PNEC :

950 mg of substance/m3

C.6

Consumers. Ingestion. Short term systemic effects. 87 mg/kg body weight/day

Dermal contact. Long term systemic effects. 206 mg/kg body weight/day

Inhalation. Short term local effects. 950 mg of substance/m3

Inhalation. Long term systemic effects. 114 mg of substance/m3

Soil. 50 mg/kg

Fresh water. 206 mg/l

Sea water. 26 mg/l

D-GLUCOPYRANOSE, OLIGOMERIC, C10-16-ALKYL GLYCOSIDES (CAS: 110615-47-9) Soil. Environmental compartment: PNEC : 0.654 mg/kg Environmental compartment: Fresh water. PNEC : 0.176 mg/l Environmental compartment: Sea water. PNEC : 0.018 mg/l Environmental compartment: Intermittent waste water. PNEC : 0.0295 mg/l Fresh water sediment. Environmental compartment: PNEC : 1.516 mg/kg Environmental compartment: Marine sediment. PNEC : 0.065 mg/kg

ETHANOL (CAS: 64-17-5) Environmental compartment: PNEC :

Environmental compartment: PNEC :

Environmental compartment: PNEC :

Soil. 0.63 mg/kg

Fresh water. 0.96 mg/l

Sea water. 0.79 mg/l

Environmental compartment:	Intermittent waste water.
PNEC :	2.75 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	3.6 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	2.9 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	580 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- Body protection

Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	
Physical state :	Fluid liquid.
Colour	
Green	
Odour	
Odour threshold :	Not stated.
N/A	
Melting point	
Melting point/melting range :	Not specified.
Freezing point	
Freezing point / Freezing range :	Not stated.
Boiling point or initial boiling point and boiling range	
Boiling point/boiling range :	Not specified.
Flammability	
Flammability (solid, gas) :	Not stated.
Lower and upper explosion limit	
Explosive properties, lower explosivity limit (%) :	Not stated.
Explosive properties, upper explosivity limit (%) :	Not stated.
Flash point	
Flash point interval :	Not relevant.
Auto-ignition temperature	
Self-ignition temperature :	Not specified.

Decomposition temperature Decomposition point/decomposition range :	Not specified.
pH	L L
pH:	10.80 +/- 0.2.
	Slightly basic.
pH (aqueous solution) :	Not stated.
Kinematic viscosity	
Viscosity :	Not stated.
Solubility	
Water solubility :	Soluble.
Fat solubility :	Not stated.
Partition coefficient n-octanol/water (log value)	
Partition coefficient: n-octanol/water :	Not stated.
Vapour pressure	
Vapour pressure (50°C) :	Not relevant.
Density and/or relative density	
Density :	1.01 +/- 0.05
	Method for determining the density :
	ISO 649-2 (Laboratory glassware - Density hydrometers for general purpose
	- Part 2: Test methods and use).
Relative vapour density	
Vapour density :	Not stated.
9.2. Other information No data available.	
9.2.1. Information with regard to physical hazard cla No data available.	SSES
9.2.2. Other safety characteristics No data available.	
ECTION 10 : STABILITY AND REACTIVITY	
10.1. Reactivity	
No data available.	
10.2. Chemical stability	
This mixture is stable under the recommended handlin	g and storage conditions in section 7.
10.3. Possibility of hazardous reactions	
When exposed to high temperatures, the mixture can n and nitrogen oxide.	release hazardous decomposition products, such as carbon monoxide and dioxide, fun
10.4. Conditions to avoid	
Avoid :	
- frost	
- heat	
10.5. Incompatible materials	
No data available.	
10.6. Hazardous decomposition products	
The thermal decomposition may release/form :	
The thermal decomposition may release/form : - carbon monoxide (CO)	
The thermal decomposition may release/form :	
The thermal decomposition may release/form : - carbon monoxide (CO)	

11.1.1. Substances

Acute toxicity : PROPYLENE GLYCOL (CAS: 57-55-6)

Oral route :	LD50 > 5000 mg/kg bodyweight/day Species : Rat
Dermal route :	LD50 > 2000 mg/kg bodyweight/day Species : Rabbit
ETHANOL (CAS: 64-17-5)	
Oral route :	LD50 = 10470 mg/kg bodyweight/day
	Species : Rat
	OECD Guideline 401 (Acute Oral Toxicity)
Dermal route :	LD50 > 2000 mg/kg bodyweight/day
	Species : Rabbit
	OECD Guideline 402 (Acute Dermal Toxicity)
Inhalation route (n/a) :	LC50 = 51 mg/l
	Species : Rat
	Duration of exposure : 4 h

11.1.2. Mixture

No toxicological data available for the mixture.

11.2. Information on other hazards

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances ETHANOL (CAS: 64-17-5)

Fish toxicity :

LC50 = 13000 mg/l Species : Oncorhynchus mykiss Duration of exposure : 96 h OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :	EC50 = 5012 mg/l
	Species : Ceriodaphnia dubia
	Duration of exposure : 48 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of Member States and will be provided with their request or at the request of a detergent manufacturer.

12.2.1. Substances

PROPYLENE GLYCOL (CAS: 57-55-6)	
Biodegradability :	

Rapidly degradable.

D-GLUCOPYRANOSE, OLIGOMERIC, C10-16-ALKYL GLYCOSIDES (CAS: 110615-47-9) Biodegradability : Rapidly degradable.

ETHANOL (CAS: 64-17-5) Biodegradability :

Rapidly degradable.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number or ID number

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

Container information:

No data available.

Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH): https://echa.europa.eu/substances-restricted-under-reach.

Explosives precursors :

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

Particular provisions :

No data available.

Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- 5 % or over but less than 15 % : non-ionic surfactants

- perfumes

- allergenic fragrances :

linalool

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefahrdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.