

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PF-BR WIPES - P29028P2**

Safety Data Sheet dated 27/11/2018, version 5

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**Trade name: PF-BR WIPES
MSDS code: P29028P2**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Recommended use:

Cleaner
Industrial uses

Uses advised against:

No uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Company:

SOCOMORE S.A.S.

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 20 26

Distributor/Manufacturer: Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland -

Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

Distributor: Socomore GmbH - c/o MAZARS GmbH - Theodor-Stern-Kai 1 - 60596 Frankfurt am Main - Deutschland - Tel: +49 (0)89 20 70 28 83 - Fax: +49 (0) 89 88 91 98 16

Distributor: Socomore Iberia - Calle Diputació, 260 - 08007 Barcelona - Espana - Tel: +34 917 693 962 - Fax: +34 902 908 966

Dystrybutor : SOCOMORE SPzoo - Ul. Piekna 18, 00-549 Warszawa Polska - Tel : +48 608 454 114 - Fax : +48 (22) 621 61 09

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

1.4. Emergency telephone number

France : ORFILA (INRS) +33 (0)1 45 42 59

International : CHEMTEL +1-813-248-0585.

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****EC regulation criteria 1272/2008 (CLP)**

⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.

⚠ Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P261 Avoid breathing vapours.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye/face protection.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PF-BR WIPES - P29028P2

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

Special Provisions:

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains

ORANGE, SWEET, EXTRACT

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 60% - < 70%	HYDROCARBONS, C11-C13, ISOALKANES, <2%, AROMATICS	EC: 920-901-0 REACH No.: 01- 2119456810 -40	⚠ 3.10/1 Asp. Tox. 1 H304 EUH066
>= 3% - < 5%	ORANGE, SWEET, EXTRACT	CAS: 8028-48-6 EC: 232-433-8 REACH No.: 01- 2119493353 -35	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.4.2/1 Skin Sens. 1 H317 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 4.1/C1 Aquatic Chronic 1 H410

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not induce vomiting. Obtain a medical examination.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PF-BR WIPES - P29028P2

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

See section 10.5

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

HYDROCARBONS, C11-C13, ISOALKANES, <2% AROMATICS

- OEL Type: National - TWA: 1200 mg/m³, 171 ppm - Notes: vapour, ExxonMobil

DNEL Exposure Limit Values

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

Worker Professional: 8.89 mg/kg bw/day - Consumer: 4.44 mg/kg bw/day - Exposure:

Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 185.8 µg/cm² - Consumer: 92.9 µg/cm² - Exposure: Human Dermal

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PF-BR WIPES - P29028P2

- Frequency: Short Term, local effects
 Worker Professional: 31.1 mg/m³ - Consumer: 7.78 mg/m³ - Exposure: Human
 Inhalation - Frequency: Long Term, systemic effects
 Consumer: 4.44 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term,
 systemic effects

PNEC Exposure Limit Values

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

Target: Fresh Water - Value: 5.4 mg/l

Target: Marine water - Value: 0.54 mg/l

Target: PNEC01 - Value: 5.77 mg/l

Target: Freshwater sediments - Value: 1.3 mg/kg

Target: Marine water sediments - Value: 0.13 mg/kg

Target: Soil (agricultural) - Value: 0.261 mg/kg

Target: Microorganisms in sewage treatments - Value: 2.1 mg/l

Target: PNEC02 - Value: 13.3 mg/l

Biological Exposure Index

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)

Protection for skin:

Chemical protection clothing. (type 3 - EN14605)

Chemical protection clothing. (type 5 - EN13982-1)

Chemical protection clothing. (type 6 - EN13034)

Protection for hands:

Suitable gloves type: NF EN374

NBR (nitrile rubber).

PVA (Polyvinyl alcohol).

Respiratory protection:

Use adequate protective respiratory equipment.

Filtering Half-face mask (EN 149).

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Appearance and colour:	Liquid coated on wipes	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	193 °C	--	--

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PF-BR WIPES - P29028P2

Flash point (°C):	> 60°C	--	--
Flash Point (°F):	> 140°F	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	0.765	--	--
Solubility in water:	INSOLUBLE	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

Volatile Organic compounds - VOCs = 765 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))**PF-BR WIPES - P29028P2****10.4. Conditions to avoid**

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

HYDROCARBONS, C11-C13, ISOALKANES, <2% AROMATICS

a) acute toxicity:

Test: Genotoxicity - Route: Inhalation Vapour - Species: Rat > 5000 mg/m³ - Duration: 8h

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg

i) STOT-repeated exposure:

Test: LOAEL

- Species: Mouse = 1000 MGKGBWDAY

If not specified in other sections, the information required in Regulation (EU)2015/830 listed below must be considered as not relevant.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

Other toxicological information:

ORANGE, SWEET, EXTRACT

Skin contact:

May cause skin irritation. May cause skin allergy.

SECTION 12: Ecological information**12.1. Toxicity**

Adopt good working practices, so that the product is not released into the environment.

HYDROCARBONS, C11-C13, ISOALKANES, <2% AROMATICS

a) Aquatic acute toxicity:

Endpoint: DSEO-R (NOELR) - Species: Algae = 1000 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella subcapitata

Endpoint: EL0 - Species: Algae = 1000 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

Endpoint: EL0 - Species: Daphnia = 1000 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: LL0 - Species: Fish = 1000 mg/l - Duration h: 96 - Notes: Onchohynchus mykiss

b) Aquatic chronic toxicity:

Endpoint: DSEO-R (NOELR) - Species: Daphnia = 1 mg/l - Duration h: 504 - Notes: Daphnia

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PF-BR WIPES - P29028P2

magna

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 0.67 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 0.7 mg/l - Duration h: 96

Endpoint: EC50 - Species: Algae = 150 mg/l - Duration h: 72 - Notes:

GrünalgeDesmodesmusSub

12.2. Persistence and degradability

HYDROCARBONS, C11-C13, ISOALKANES, <2% AROMATICS

Biodegradability: Biodegradability rate - Test: N.A. - Duration: 28 days - %: 31.3 - Notes: N.A.

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

Biodegradability: Biodegradability rate - Test: OECD 301B - Duration: 28 days - %: 72 - 83.4 -

Notes: N.A.

12.3. Bioaccumulative potential

ORANGE, SWEET, EXTRACT - CAS: 8028-48-6

BCF - Test: N.A. 1.502 - 2.597 - Duration: N.A. - Notes: N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

No harmful effects expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

Codes of wastes (Décision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):

15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

SECTION 14: Transport information



14.1. UN number

ADR-UN Number: 3077

IATA-UN Number: 3077

IMDG-UN Number: 3077

14.2. UN proper shipping name

ADR-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(ORANGE, SWEET, EXTRACT, HYDROCARBONS, C11-C13, ISOALKANES, <2% AROMATICS)

IATA-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(ORANGE, SWEET, EXTRACT, HYDROCARBONS, C11-C13, ISOALKANES, <2% AROMATICS)

IMDG-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(ORANGE, SWEET, EXTRACT, HYDROCARBONS, C11-C13, ISOALKANES, <2% AROMATICS)

14.3. Transport hazard class(es)

ADR-Class: 9

ADR - Hazard identification number: 90

IATA-Class: 9

IATA-Label: 9

IMDG-Class: 9

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PF-BR WIPES - P29028P2

14.4. Packing group

ADR-Packing Group:	III
IATA-Packing group:	III
IMDG-Packing group:	III

14.5. Environmental hazards

ADR-Environmental Pollutant:	Yes
IMDG-Marine pollutant:	Marine Pollutant
Most important toxic component:	ORANGE, SWEET, EXTRACT

14.6. Special precautions for user

ADR-Subsidiary risks:	-
ADR-S.P.:	274 335 375 601
ADR-Transport category (Tunnel restriction code):	3 (E)
IATA-Passenger Aircraft:	956
IATA-Subsidiary risks:	-
IATA-Cargo Aircraft:	956
IATA-S.P.:	A97 A158 A179 A197
IATA-ERG:	9L
IMDG-EmS:	F-A , S-F
IMDG-Subsidiary risks:	-
IMDG-Stowage and handling:	Category A SW23
IMDG-Segregation:	-
Q.L.:	5K
Q.E.:	E1

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

N.A.

SECTION 15: Regulatory information

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

- Dir. 98/24/EC (Risks related to chemical agents at work)
- Dir. 2000/39/EC (Occupational exposure limit values)
- Regulation (EC) n. 1907/2006 (REACH)
- Regulation (EC) n. 1272/2008 (CLP)
- Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
- Regulation (EU) 2015/830
- Regulation (EU) n. 286/2011 (ATP 2 CLP)
- Regulation (EU) n. 618/2012 (ATP 3 CLP)
- Regulation (EU) n. 487/2013 (ATP 4 CLP)
- Regulation (EU) n. 944/2013 (ATP 5 CLP)
- Regulation (EU) n. 605/2014 (ATP 6 CLP)
- Regulation (EU) n. 2015/1221 (ATP 7 CLP)
- Regulation (EU) n. 2016/918 (ATP 8 CLP)
- Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

- Restriction 3
- Restriction 40

Restrictions related to the substances contained:

No restriction.

Listed or in compliance with the following international inventories:

N.A.

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:

HYDROCARBONS, C11-C13, ISOALKANES, <2% AROMATICS (CAS: 90622-58-5)

Labelling of detergents (EC Regulations 648/2004 and 907/2006):

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

PF-BR WIPES - P29028P2

PF-BR WIPES

aliphatic hydrocarbons >= 30%

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

1999/13/EC (VOC directive)

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: E2

15.2. Chemical safety assessment

No

SECTION 16: Other information

N.A.: Not Applicable or Not Available

Full text of phrases referred to in Section 3:

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Paragraphs modified from the previous revision:

SECTION 8: Exposure controls/personal protection

SECTION 13: Disposal considerations

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van
Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

Important confidentiality : this document contains confidential information that is proprietary to SOCOMORE. Subject to legal provisions determining otherwise, the distribution, republication or re-transmission of this document, in full or in part, must be limited to clearly identified individuals, either because they use the product, or to provide HSE information. Any communication of this document outside of this framework without our written consent is strictly forbidden.

SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product. The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

Only our departments or employees are authorised to provide you with safety data sheets for our products. We cannot be held responsible for safety data sheets obtained from non authorized sources

**Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
PF-BR WIPES - P29028P2**

outside our Company and thus liable to contain obsolete or inaccurate data.

This safety data sheet cancels and replaces any preceding version.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
STOT SE:	May cause drowsiness or dizziness
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.