

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

SOCOSOLV FD+ - SATWIPES PROSAT SOCOSAT

Safety Data Sheet dated 30/11/2020, version 7

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

1.1. Product identifier

Trade name: SOCOSOLV FD+ - SATWIPES PROSAT SOCOSAT
SDS code: P29103A
UFI: 7CQ0-EVK3-8P25-73WD

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

Recommended use:

Solvent
Cleaner
Industrial uses

Uses advised against:

No uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Manufacturers:

Socomore SASU

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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)

⚠ Danger, Flam. Liq. 2, Highly flammable liquid and vapour.

⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.

⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

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Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P261 Avoid breathing vapours.

P280 Wear protective gloves and eye/face protection.

P370+P378 In case of fire, use a CO2 fire extinguisher to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

None

Contains

propan-2-ol; isopropyl alcohol; isopropanol

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 2: Hazards identification

The product easily catches fire if it is exposed to an ignition source.

If brought into contact with the eyes, the product causes considerable irritation which can last for over 24 hours.

Vapours of the product may cause drowsiness and dizziness.




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
>= 80% - < 90%	propan-2-ol; isopropyl alcohol; isopropanol	Index number: CAS: EC: REACH No.: 603-117-00-0 67-63-0 200-661-7 01-2119457558-25	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336

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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 of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

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

Burning sensation.

Swelling

Blurred vision.

Tearing.

Swollen eyelids.

Itching.

Repeated exposure may cause skin dryness or cracking.

If swallowed, aspiration into the lungs may occur and cause a chemical pneumonia.

Vapours may cause drowsiness and dizziness.

Headache

Nausea

Loss of coordination.

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:

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water

Foam.

Multipurpose powders class ABC

Powders class BC

Carbon dioxide (CO₂)

In case of fire, use a CO₂ fire extinguisher to extinguish.

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.

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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 all sources of ignition.
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.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Store under the same conditions as a combustible solid product.
Always keep in a well ventilated place.
Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0
- OEL Type: National - STEL: 980 mg/m³, 400 ppm - Notes: France
- OEL Type: National - TWA: 500 mg/m³, 200 ppm - Notes: DFG, Y - Germany
- OEL Type: National - TWA: 999 mg/m³, 400 ppm - STEL: 1250 mg/m³, 500 ppm - Notes: United Kingdom
- OEL Type: ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: A4, BEI - Eye and URT irr, CNS impair

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- OEL Type: National - TWA: 999 mg/m³, 400 ppm - STEL: 1250 mg/m³, 500 ppm
- OEL Type: OSHA PEL - TWA: 980 mg/m³, 400 ppm
- OEL Type: NIOSH REL - TWA: 980 mg/m³, 400 ppm - STEL: 1225 mg/m³, 500 ppm
- OEL Type: National - TWA: 500 mg/m³, 200 ppm - STEL(30min (Miw)): 1960 mg/m³, 800 ppm - Notes: Österreich

DNEL Exposure Limit Values

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0
Worker Industry: 888 mg/kg - Consumer: 319 mg/kg - Exposure: Human Dermal -
Frequency: Long Term, systemic effects
Worker Industry: 500 mg/kg - Consumer: 89 mg/m³ - Exposure: Human Inhalation -
Frequency: Long Term, systemic effects
Consumer: 26 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0
Target: Fresh Water - Value: 140.9 mg/l
Target: Marine water - Value: 140.9 mg/l
Target: Freshwater sediments - Value: 552 mg/kg
Target: Marine water sediments - Value: 552 mg/kg
Target: Soil (agricultural) - Value: 28 mg/kg
Target: Microorganisms in sewage treatments - Value: 2251 mg/l
Target: Water (intermittent discharge) - Value: 140.9 mg/l
Target: Oral (secondary poisoning) (foodstuff) - Value: 160 mg/kg

Biological Exposure Index

N.A.

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)
Use closed fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable gloves type: NF EN374
NBR (nitrile rubber).

Respiratory protection:

Use adequate protective respiratory equipment.
Filtering Half-face mask (NF EN 149), class FFP1
Mask with filter "A1" , brown colour (NF EN14387)

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

Other conditions affecting workers exposure:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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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:	N.A.	--	--
Initial boiling point and boiling range:	80 °C	--	--
Flash point (°C):	14 °C	--	--
Flash Point (°F):	57 °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:	< 1	--	--
Solubility in water:	N.A.	--	--
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

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

Volatile Organic compounds - VOCs = 785 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

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Strong oxidizers.

Acids.

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:

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 4570 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 20 mg/m³ - Duration: 8h

Test: LD50 - Route: Skin - Species: Rabbit = 12.800 mg/kg

Reproductive toxicity:

Test: NOAEL - Route: Oral - Species: Rat = 500 mg/kg

STOT-repeated exposure:

Test: NOAEL - Route: Inhalation - Species: Rat = 1.3 mg/l

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

Acute toxicity;

Skin corrosion/irritation;

Serious eye damage/irritation;

Respiratory or skin sensitisation;

Germ cell mutagenicity;

Carcinogenicity;

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Reproductive toxicity;
STOT-single exposure;
STOT-repeated exposure;
Aspiration hazard.

Other toxicological information:

propan-2-ol; isopropyl alcohol; isopropanol

Severe eye damage/irritation:

Irritating to eyes

Foetal development:

Toxic effects on foetal development at doses that produce effects in mothers.

No teratogenic effects, NOAEL: 400 mg/kg Maternal no-effect concentration 400 mg/kg (rat)

Absence of toxic effects on foetal development. NOAEL: > 480 mg/kg. Maternal No-effect
Concentration: 240 mg/kg (rabbit)

Inhalation:

Irritating to eyes and respiratory tract (vapour, 1.0 mg/l)

SECTION 12: Ecological information

12.1. Toxicity

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

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 48 - Notes: Leuciscus melanotus

Endpoint: LC50 - Species: Daphnia > 10.000 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48

Endpoint: NOEC - Species: Algae = 1800 mg/l

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 100 mg/l - Duration h: 72 - Notes: Pseudokirchneriella
subcapitata

c) Bacteria toxicity:

Species: bacteria = 1.050 mg/l

12.2. Persistence and degradability

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

Biodegradability: Readily biodegradable - Duration: 5 days - %: 53 - Notes: Aerobie, activated
sludge

Biodegradability: Oxidizes rapidly by photochemical reactions in air.

Biodegradability: Photodegradation (in air) - overall half-life time - Test: Degradation by OH radicals:

Direct photolysis - Duration: 33 hours

12.3. Bioaccumulative potential

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

Estimated not significantly bioaccumulative.

Log Pow <=4

Log Kow 0.05 - Notes: 25°C

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

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Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. 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: 3175
 IATA-UN Number: 3175
 IMDG-UN Number: 3175

14.2. UN proper shipping name

ADR-Shipping Name: SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C (propan-2-ol; isopropyl alcohol; isopropanol)
 IATA-Shipping Name: SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C (propan-2-ol; isopropyl alcohol; isopropanol)
 IMDG-Shipping Name: SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C (propan-2-ol; isopropyl alcohol; isopropanol)

14.3. Transport hazard class(es)

ADR-Class: 4.1
 ADR - Hazard identification number: 40
 IATA-Class: 4.1
 IATA-Label: 4.1
 IMDG-Class: 4.1

14.4. Packing group

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

14.5. Environmental hazards

ADR-Environmental Pollutant: No
 IMDG-Marine pollutant: No

14.6. Special precautions for user

ADR-Subsidiary hazards: -
 ADR-S.P.: 216 274 601
 ADR-Transport category (Tunnel restriction code): 2 (E)
 IATA-Passenger Aircraft: 445
 IATA-Subsidiary hazards: -
 IATA-Cargo Aircraft: 448
 IATA-S.P.: A46
 IATA-ERG: 3L
 IMDG-EmS: F-A , S-I
 IMDG-Subsidiary hazards: -
 IMDG-Stowage and handling: Category B
 IMDG-Segregation: -
 Q.L.: 1K

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Q.E.: E2

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)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 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:

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

N.A.

Labelling of biocides (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC):

N.A.

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

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Product belongs to category: P5c

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:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 2, H225	On basis of test data
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Calculation method

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

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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

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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.

The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
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.
TWA:	Time-weighted average
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.

Exposure scenario, ES Version 2, 22/02/2021

Identification	
Name	SOCOCOSOLV FD+ - SATWIPES PROSAT SOCOSAT
CAS No.	N/A
INDEX No.	N/A
EC No.	N/A
Registration number(s)	N/A

Number of the ES: 1	Title	Industrial uses - Washing and cleaning products (including solvent based products)
	ES Date - ES Version	28/06/2019 - V.2
	type	Industrial use
	Sector(s) of Use	SU22, SU3
	Product Categories	PC35_2, PC35_3
	Environmental release categories [ERC]	ERC4
	Process categories [PROC]	PROC7, PROC8a, PROC10, PROC13
	Article categories [AC]	N/A

Number of the ES: 1		Industrial use
Short Title		
Industrial uses - Washing and cleaning products (including solvent based products)		
List of use descriptors		
Sector of uses [SU]	SU22: Professional uses - SU3: Industrial uses	
Process categories [PROC]	PROC7: Spraying in industrial settings and applications -PROC8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities - PROC10: Roller application or brushing of adhesive and other coating. - PROC13: Treatment of articles by dipping and pouring	
Environmental release categories [ERC]	ERC4: Industrial use of processing aids in processes and products, not becoming part of articles	
Exposure Scenario Scope of Process		
N/A		
Guidance to Downstream User to evaluate whether he works inside the boundaries set by the ES		
Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures.		
Remark		
N/A		
1.1 Contributing scenario		
Short Title		
Wide dispersive indoor use of reactive substances in open systems -Wide dispersive outdoor use of processing aids in open systems - Industrial use of processing aids in processes and products, not becoming part of articles - Wide dispersive indoor use of processing aids in open systems		
Environmental release categories [ERC]		
ERC4: Industrial use of processing aids in processes and products, not becoming part of articles		
Specific Environmental Release Categories [SPERC]		
N/A		
Concentration of the substance in a mixture		
N/A		
Remark		
N/A		
Product characteristics		

Physical form of product: Liquid, vapour pressure 0,5 - 10 kPa at STP

Vapour pressure: N/A

Temperature: N/A

Level of dustiness: N/A

Volatilities: N/A

Remark: N/A

Exposure estimation

Exposure estimation: N/A

Compartments: N/A

Specific Conditions: N/A

Descriptors: N/A

Lev: N/A

Msafe: N/A

Remark: N/A

Exposure Level:

1. Exposure Level

Exposure Level Value: 8 hours

Risk characterisation ratio (RCR):

Exposure Level Value Types: N/A

Exposure Level RCR Types: N/A

2. Exposure Level

Exposure Level Value: 45 °C

Risk characterisation ratio (RCR):

Exposure Level Value Types: N/A

Exposure Level RCR Types: N/A

Frequency and Durations

N/A

Amounts used

1900 kg/day
38 tons/year

Further Operational

N/A

Human factors not influenced by risk management

Exposed skin surface assumed:	Covers skin contact area up to
Other Factors:	280 cm ²
Remark:	N/A

Other given operational conditions affecting environmental exposure

Indoor and outdoor use.:	Indoor
Temperature:	N/A
Room size:	N/A
Minimum room ventilation rate for handling/application (air changes per hour):	N/A
Remark:	N/A

Other operational conditions of use affecting environmental exposure

1. Other operational conditions of use affecting environmental exposure

type: N/A

Emission days (days/year): N/A

Emission Factor Air: N/A

Emission Factor Water: N/A

Emission Factor Soil: N/A

Remark:

- N/A

Environmental Factors

1. Environmental Factors

type: N/A

Value: N/A

Flow rate of receiving surface water.: N/A

Local freshwater dilution factor: 10

Local marine water dilution factor: 100

Environmental Factors: N/A

Environment factors not influenced by risk management: N/A

STP

STP Effluent:	2000 m3/day
STP Efficiency:	87,3 %
Total efficiency of removal from wastewater after onsite and offsite (domestic treatment plant) RMMs (%):	87,3 %
Type of sewage treatment plant (STP):	Municipal STP
Sludge treatment technique:	Sludge should be incinerated, contained or reclaimed.
Limit Stp Air Emission:	N/A
Remark:	N/A

Risk management measures (RMM)

Additional good practice advice beyond the REACH CSA	Wear suitable gloves (tested to EN374) and eye protection. -Provide enhanced general ventilation by mechanical means.
Technical Measures Environment	N/A
Exposure Time	N/A
Remark	N/A
Conditions and measures related to external recovery of waste	N/A
Release Discharge Prevention	N/A
Waste management measures	N/A

1.1 Contributing exposure scenario controlling worker exposure

Short Title

N/A

Process categories [PROC]

PROC7: Spraying in industrial settings and applications -PROC8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities -
PROC10: Roller application or brushing of adhesive and other coating. -
PROC13: Treatment of articles by dipping and pouring

Concentration of substance in preparation/mixture or article

≥ 0 , < 100 %

Remark

N/A

Product characteristics

1. Product characteristics

Physical form of product: Liquid, vapour pressure 0,5 - 10 kPa at STP

Vapour pressure: N/A

Temperature: N/A

Level of dustiness: N/A

Volatilities: N/A

Remark: N/A

Exposure estimation

N/A

Frequency and Durations

1. Frequency and Durations

Duration: Value: 8 hours

Frequency: Value:

Amounts used

7133045 kg

Further Operational

N/A

Human factors not influenced by risk management

Exposed Skin Area : -Covers skin contact area up to
Other Factors : 820 cm²

Other given operational conditions affecting workers exposure

1. Other given operational conditions affecting workers exposure

Indoor and outdoor use.: Indoor

Temperature: 45 °C

Room size: N/A

Minimum room ventilation rate for handling/application (air changes per hour): 5 Event

Remark: N/A

Risk management measures (RMM)

Additional good practice advice beyond the REACH CSA	Wear suitable gloves (tested to EN374) and eye protection.
Technical Protective Measures	N/A
Personal protective measures	N/A
Organisational measures	N/A