

# STORM XL

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 6/9/2021 Revision date: 6/9/2021 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : STORM XL  
Product code : 107490  
Product identification : aerosol

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial  
For professional use only

##### 1.2.2. Uses advised against

No additional information available

#### 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

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Aerosol 1 H222;H229

Full text of hazard classes, H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) :

Danger

Hazard statements (CLP) :

H222 - Extremely flammable aerosol.  
H229 - Pressurised container: May burst if heated.

Precautionary statements (CLP) :

P102 - Keep out of reach of children.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P243 - Take precautionary measures against static discharge.  
P251 - Do not pierce or burn, even after use.  
P260 - Do not breathe spray.  
P271 - Use only outdoors or in a well-ventilated area.

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Extra phrases : P403 - Store in a well-ventilated place.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
: Not to be used for any purpose other than the one the product was designed for.  
For professional use only.

### 2.3. Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-43	< 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319
N-Butane (contenant <0.1% butadiène)	CAS-No.: 106-97-8 EC-No.: 203-448-7 EC Index-No.: 601-004-00-0 REACH-no: 01-2119474691-32	30 – 40	Flam. Gas 1A, H220 Press. Gas (Liq.), H280
Propane	CAS-No.: 74-98-6 EC-No.: 200-827-9 EC Index-No.: 601-003-00-5 REACH-no: 01-2119486944-21	10 – 20	Flam. Gas 1A, H220 Press. Gas (Liq.), H280
Alcohols C12-14, ethoxylated (>2-5EO)	CAS-No.: 68439-50-9	0.5 – 1	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
	CAS-No.: 101-84-8 EC-No.: 202-981-2	0.1 – 0.5	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
	CAS-No.: 81782-77-6 EC-No.: 279-815-0	0.1 – 0.5	Aquatic Acute 1, H400
	CAS-No.: 16409-43-1 EC-No.: 240-457-5	0.1 – 0.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Ethanol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-43	( 50 ≤C < 100) Eye Irrit. 2, H319

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Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

Full text of H- and EUH-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	: Wash with plenty of water/....
First-aid measures after eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 minutes. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Allow the victim to rest.

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

Symptoms/effects after inhalation	: Inhalation of vapour can cause breathing difficulties.
Symptoms/effects after skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: Ingestion unlikely.

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

Advice to physicians: Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide. Foam. Alcohol resistant foam. Dry powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Extremely flammable aerosol.
Explosion hazard	: Pressurised container: May burst if heated.
Reactivity in case of fire	: Prevent fire fighting water from entering the environment.

#### 5.3. Advice for firefighters

Precautionary measures fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Firefighting instructions	: Exercise caution when fighting any chemical fire. During a fire, projections ignited aerosol that burst under excessive pressure have to be controlled. To avoid overpressure, cool aerosols with water.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Measures to take in the case of crushing or piercing aerosols, causing the leaking of products contained in aerosols. Remove ignition sources. Ventilate area. Do not smoke. Provide local exhaust or general room ventilation. Evacuate and limit access.
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##### 6.1.1. For non-emergency personnel

Emergency procedures	: Do not touch spilled material. Evacuate area.
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##### 6.1.2. For emergency responders

Protective equipment	: Wear recommended personal protective equipment. Provide adequate ventilation. Remove all sources of ignition. Avoid contact with skin and eyes. Do not inhale vapour.
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### 6.2. Environmental precautions

Notify authorities if liquid enters sewers or public waters. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean spills promptly. Collect the residue by means of a non-combustible absorbent material. Waste mixtures containing butane / propane must not enter drains or sewers where vapors could accumulate and ignite.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Good ventilation of the workplace required. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Not to be used for any purpose other than the one the product was designed for. Do not breathe gas, fumes, vapour or spray. During the handling of a pallet, you have to take all precaution to avoid a start of a n accident perforation of the aerosol by a fork-lift truck. During the load and unloading of the vehicle, you have to take all the precaution to avoid a fall a aerosol.

Do not spray tha aerosol neither close nor towards a flame, a white-hot body, an electrical appliance in runing, DO NOT SMOCKING. Container under pressure. Do not drill or burn even after use. Store and handle as though always a serious potential fire/explosion and health hazard exists.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep at temperature not exceeding 50 °C. Proper grounding procedures to avoid static electricity should be followed. Use grounded electrical/mechanical equipment.

Storage conditions : Recommendations applicable to warehouses and reserves which are stored aerosols. It is recommended to de-normalize aerosols in stock . The " aerosol " or area must be set with a wire mesh of mesh max 5cm, forming a cage or using walls to avoid splashing the aerosols may ignite rest of the stock . Do not smoke.

To reduce the risk of falling, should position the pallet closest to the ground. If the packages are stacked, it should ensure that those lower layers do not crash (risk of leakage through compression).

It is recommended :

- Ventilate the premises and not store any sprays near heat sources, including sunlight, sparks and open flames

- To use the procedure of fire when working . Store in a dry, well ventilated place .

### 7.3. Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

#### Ethanol (64-17-5)

#### France - Occupational Exposure Limits

Local name	Alcool éthylique
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Ethanol (64-17-5)	
VME (OEL TWA)	1900 mg/m <sup>3</sup>
VME (OEL TWA) [ppm]	1000 ppm
VLE (OEL C/STEL)	9500 mg/m <sup>3</sup>
VLE (OEL C/STEL) [ppm]	5000 ppm
Remark	Valeurs recommandées/admises

### N-Butane (contenant <0.1% butadiène) (106-97-8)

#### France - Occupational Exposure Limits

Local name	n-Butane
VME (OEL TWA)	1900 mg/m <sup>3</sup>
VME (OEL TWA) [ppm]	800 ppm
Remark	Valeurs recommandées/admises

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### 8.2.2.1. Eye and face protection

###### Eye protection:

No special eye protection equipment recommended under normal conditions of use

##### 8.2.2.2. Skin protection

###### Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

###### Hand protection:

None under normal conditions

##### 8.2.2.3. Respiratory protection

###### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

##### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

##### Other information:

Do not eat, drink or smoke during use. Provide local exhaust or general room ventilation.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: perfumed.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Explosive properties	: Pressurised container: May burst if heated.
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: < 0 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not applicable
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

% of flammable ingredients : 94

##### 9.2.2. Other safety characteristics

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions. Extremely flammable aerosol. Heating may cause a fire or explosion.

#### 10.3. Possibility of hazardous reactions

None under normal conditions.

#### 10.4. Conditions to avoid

Heat. Open flame. Direct sunlight. Sparks. Avoid contact with hot surfaces. Remove all sources of ignition.

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### 10.5. Incompatible materials

Aerosol cases in metal, do not bring into contact with oxidize, acids or basis. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon dioxide. Carbon monoxide.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

Ethanol (64-17-5)	
LD50 oral	10470 mg/kg bodyweight
LD50 dermal	15800 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	> 99999 mg/l

N-Butane (contenant <0.1% butadiène) (106-97-8)	
LC50 Inhalation - Rat	658 mg/l/4h

Skin corrosion/irritation : Not classified  
pH: Not applicable  
Additional information : Based on available data, the classification criteria are not met  
Serious eye damage/irritation : Not classified  
pH: Not applicable  
Respiratory or skin sensitisation : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Germ cell mutagenicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Carcinogenicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Reproductive toxicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
STOT-single exposure : Not classified  
Additional information : Based on available data, the classification criteria are not met  
STOT-repeated exposure : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Aspiration hazard : Not classified  
Additional information : Based on available data, the classification criteria are not met

IPC STORM ALOE VERA	
Product identification	aerosol

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available

#### 11.2.2. Other information

Potential adverse human health effects and symptoms : Long-term exposure at high concentration may cause :brain and nervous system damage,Prolonged or repeated skin contact with the material will remove natural oils which leads to a dermatitis

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### 12.2. Persistence and degradability

##### N-Butane (contenant <0.1% butadiène) (106-97-8)

Persistence and degradability	Half-life time in water: <2.6 d Half-life time in air: 3.2 d.
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#### 12.3. Bioaccumulative potential

##### Ethanol (64-17-5)

Partition coefficient n-octanol/water (Log Pow)	-0.32
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##### N-Butane (contenant <0.1% butadiène) (106-97-8)

Bioaccumulative potential	Not potentially bioaccumulable.
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##### Propane (74-98-6)

Bioaccumulative potential	No information available.
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#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose used or damaged aerosol cans at permitted disposal sites. Dispose in a safe manner in accordance with local/national regulations. Container under pressure. Do not drill or burn even after use.

Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID






ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950



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ADR	IMDG	IATA	ADN	RID
<b>14.2. UN proper shipping name</b>				
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
<b>Transport document description</b>				
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 AEROSOLS, 2.1	UN 1950 AEROSOLS, 2.1
<b>14.3. Transport hazard class(es)</b>				
2.1	2.1	2.1	2.1	2.1
				
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

### 14.6. Special precautions for user

Special transport precautions :

#### Overland transport

Classification code (ADR) : 5F  
Special provisions (ADR) : 190, 327, 344, 625  
Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E0  
Packing instructions (ADR) : P207, LP02  
Special packing provisions (ADR) : PP87, RR6, L2  
Mixed packing provisions (ADR) : MP9  
Transport category (ADR) : 2  
Special provisions for carriage - Packages (ADR) : V14  
Special provisions for carriage - Loading, unloading and handling (ADR) : CV9, CV12  
Special provisions for carriage - Operation (ADR) : S2  
Tunnel restriction code (ADR) : D

#### Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959  
Limited quantities (IMDG) : SP277  
Excepted quantities (IMDG) : E0  
Packing instructions (IMDG) : P207, LP02  
Special packing provisions (IMDG) : PP87, L2  
EmS-No. (Fire) : F-D  
EmS-No. (Spillage) : S-U  
Stowage category (IMDG) : None

#### Air transport

No data available

#### Inland waterway transport

No data available

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### Rail transport

No data available

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Other information, restriction and prohibition : Aerosol Generator Directive 75/324/EEC and its adaptations.  
regulations

#### 15.1.2. National regulations

#### France

#### Occupational diseases

Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

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

Other information : Imp. DL4.

### Full text of H- and EUH-statements:

Aerosol 1	Aerosol, Category 1
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1A	Flammable gases, Category 1A
Flam. Liq. 2	Flammable liquids, Category 2
H220	Extremely flammable gas.

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Full text of H- and EUH-statements:	
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
Press. Gas (Liq.)	Gases under pressure : Liquefied gas
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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