Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Reference number: 4487-102-01 Issue date: 7/21/2014 Revision date: 3/3/2023 Supersedes version of: 12/6/2021 Version: 3.3

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

1.1. Product identifier		
Product form Product name	: Mixture : TECHNO DECAPANT GRAFFITI B AEROSOL	
Product code Type of product Vaporizer Product group	: IPC105 : Detergent : Aerosol : Trade product	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
1.2.1. Relevant identified uses Intended for general public Main use category	: Professional use,Consumer use	
1.2.2. Uses advised against No additional information available		
1.3. Details of the supplier of the safety data sheet		
<u>IPC</u> <u>10 Quai Malbert,</u> 29200. BREST, FRANCE.		

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, Category 1	H222;H229
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Specific target organ toxicity (single exposure) Not classified	
Full text of 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)



Signal word (CLP) Contains : Danger : 2-AMINOETHANOL; 1,3-dioxolane

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: H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
 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.
P251 - Do not pierce or burn, even after use.
P280 - Wear protective gloves, eye protection, face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a doctor, a POISON CENTER.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
: Not applicable
: Not applicable

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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 at a concentration equal to or greater than 0,1 %

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]
1,3-dioxolane	CAS-No.: 646-06-0 EC-No.: 211-463-5 EC Index-No.: 605-017-00-2	43.5105 – 43.95	Flam. Liq. 2, H225 Eye Dam. 1, H318
2-AMINOETHANOL substance with national workplace exposure limit(s) (FR); substance with a Community workplace exposure limit	CAS-No.: 141-43-5 EC-No.: 205-483-3 EC Index-No.: 603-030-00-8 REACH-no: 01-2119486455- 28	1-5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 3, H412
benzyl alcohol	CAS-No.: 100-51-6 EC-No.: 202-859-9 EC Index-No.: 603-057-00-5 REACH-no: 01-2119492630- 38	1-5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319
Alkylsulphates	CAS-No.: 126-92-1 EC-No.: 204-812-8	1-5	Skin Irrit. 2, H315 Eye Dam. 1, H318

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Name	Product identifier		Classification according to Regulation (EC) No. 1272/2008 [CLP]
methanol	CAS-No.: 67-56-1 EC-No.: 200-659-6 EC Index-No.: 603-001-00-X	1.30096395 – 1.314105	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 STOT SE 1, H370

Specific concentration limits:			
Name	Product identifier	Specific concentration limits (%)	
2-AMINOETHANOL	CAS-No.: 141-43-5 EC-No.: 205-483-3 EC Index-No.: 603-030-00-8 REACH-no: 01-2119486455- 28	(5 ≤ C ≤ 100) STOT SE 3, H335	
methanol	CAS-No.: 67-56-1 EC-No.: 200-659-6 EC Index-No.: 603-001-00-X	(3 ≤ C < 10) STOT SE 2, H371 (10 ≤ C ≤ 100) STOT SE 1, H370	

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 general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).		
First-aid measures after inhalation	: Cough. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.		
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.		
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Direct contact with the eyes is likely to be irritating. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Get medical advice/attention.		
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.		
4.2. Most important symptoms and effects, both acute and delayed			
Symptoms/effects after inhalation Symptoms/effects after eye contact	Shortness of breath. May cause respiratory irritation. May cause drowsiness or dizziness.Causes serious eye irritation.		

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

Notes to physician.

SECTION 5: Firefighting measu	res	
5.1. Extinguishing media		
Suitable extinguishing media Unsuitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream.	
5.2. Special hazards arising from the substance or mixture		
Fire hazard	: Extremely flammable aerosol.	

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Explosion hazard	: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. DO NOT fight fire when fire reaches explosives. Evacuate area.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures			
6.1. Personal precautions, protective eq	uipment and emergency procedures		
General measures	: No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges.		
6.1.1. For non-emergency personnel			
Emergency procedures	: Evacuate unnecessary personnel.		
6.1.2. For emergency responders			
Protective equipment Emergency procedures	Equip cleanup crew with proper protection. Avoid breathing spray.Ventilate area.		
6.2. Environmental precautions			

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

6.3. Methods and material for containment and cleaning up		
Methods for cleaning up	: Store away from other materials.	
6.4. Reference to other sections		
See Section 8. Exposure controls and personal protection.		

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		

Additional hazards when processed Precautions for safe handling Hygiene measures	 Hazardous waste due to potential risk of explosion. Do not pierce or burn, even after use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not spray on an open flame or other ignition source. Avoid breathing spray. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling.
7.2. Conditions for safe storage, inclu	iding any incompatibilities
Technical measures Storage conditions	 Proper grounding procedures to avoid static electricity should be followed. Keep only in the original container in a cool, well ventilated place away from : Heat sources. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place. Keep container tightly closed.
Incompatible products Incompatible materials Storage temperature	 Strong bases. Strong acids. Sources of ignition. Direct sunlight. Heat sources. 5 – 50 °C
7.3. Specific end use(s)	

No additional information available

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SECTION 8: Exposure controls/personal protection 8.1. Control parameters 8.1.1 National occupational exposure and biological limit values 2-AMINOETHANOL (141-43-5) France - Occupational Exposure Limits VME (OEL TWA) 2.5 mg/m³ VME (OEL TWA) [ppm] 1 ppm VLE (OEL C/STEL) 7.6 mg/m³ VLE (OEL C/STEL) [ppm] 3 ppm

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

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection: Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

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.

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9.1. Information on basic physical and cl	nemical properties
Physical state Colour Odour Odour threshold Melting point Freezing point Boiling point Flammability Lower explosion limit	 Liquid light yellow. Solvent. Not available Not available Not available Not available Not available Not flammable,Extremely flammable aerosol. Not available
Upper explosion limit Flash point Auto-ignition temperature Decomposition temperature pH Viscosity, kinematic Solubility Partition coefficient n-octanol/water (Log Kow) Vapour pressure Vapour pressure at 50 °C Density Relative density Relative density at 20 °C Particle characteristics	 Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

% of flammable ingredients

: 67.5962892 %

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

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SECTION 11: Toxicological information	
11.1. Information on hazard classes as define	ed in Regulation (EC) No 1272/2008
Acute toxicity (dermal)	Not classified Not classified Not classified
2-AMINOETHANOL (141-43-5)	
LD50 oral rat	1515 mg/kg
LC50 Inhalation - Rat	> 1.3 mg/l
Alkylsulphates (126-92-1)	
LD50 oral rat	4 g/kg
LD50 dermal rabbit	6540 μl/kg
benzyl alcohol (100-51-6)	
LD50 oral rat	1230 mg/kg
LC50 Inhalation - Rat	> 4.178 mg/l/4h
Skin corrosion/irritation : Additional information :	Causes skin irritation. Based on available data, the classification criteria are not met
2-AMINOETHANOL (141-43-5)	
рН	12
Serious eye damage/irritation	Causes serious eye damage.
2-AMINOETHANOL (141-43-5)	
рН	12
Respiratory or skin sensitisation	Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity Additional information	Not classified 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
U	Not classified.
2-AMINOETHANOL (141-43-5)	
STOT-single exposure	May cause respiratory irritation.
methanol (67-56-1)	
STOT-single exposure	Causes damage to organs.
STOT-repeated exposure Additional information	Not classified 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
TECHNO DECAPANT GRAFFITI B - 304066 -	AEROSOL - IPC - 6x400mL
Vaporizer	Aerosol
2-AMINOETHANOL (141-43-5)	
Viscosity, kinematic	22.7 mm²/s

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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	: Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Not classified
Not classified
349 mg/l Cyprinus carpio
65 mg/l Daphnia magna
2.5 mg/l Scenedesmus capricornutum
1 mg/l
1.2 mg/l Oryzias latipes
0.85 mg/l Daphnia magna
460 mg/l
360 mg/l
640 mg/l

12.2. Persistence and degradability

TECHNO DECAPANT GRAFFITI B - 304066 - AEROSOL - IPC - 6x400mL		
Persistence and degradability	Not established.	
2-AMINOETHANOL (141-43-5)		
Persistence and degradability	Not established.	
Biodegradation	> 90 %	
benzyl alcohol (100-51-6)		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
TECHNO DECAPANT GRAFFITI B - 304066 - AEROSOL - IPC - 6x400mL		
Bioaccumulative potential	Not established.	
2-AMINOETHANOL (141-43-5)		
Bioaccumulative potential	Not established.	

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Partition coefficient n-octanol/water (Log Pow) -0.35 benzyl alcohol (100-51-6) Not established. Bioaccumulative potential Not established. 12.4. Mobility in soil Not established. No additional information available Image: Comparison of the set of PBT and vPvB assessment No additional information available Image: Comparison of the set of PBT and vPvB assessment No additional information available Image: Comparison of the set of the environment. No additional information available Image: Comparison of the set of the environment. Additional information : Avoid release to the environment.	Alkylsulphates (126-92-1)	
Bioaccumulative potential Not established. 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	Partition coefficient n-octanol/water (Log Pow)	-0.35
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	benzyl alcohol (100-51-6)	
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	Bioaccumulative potential	Not established.
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	12.4. Mobility in soil	
No additional information available 12.6. Endocrine disrupting properties No additional information available 12.7. Other adverse effects	No additional information available	
12.6. Endocrine disrupting properties No additional information available 12.7. Other adverse effects	12.5. Results of PBT and vPvB assessment	
No additional information available 12.7. Other adverse effects	No additional information available	
12.7. Other adverse effects	12.6. Endocrine disrupting properties	
	No additional information available	
Additional information : Avoid release to the environment.	12.7. Other adverse effects	
	Additional information	: Avoid release to the environment.

13.1. Waste treatment methods	
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Container under pressure. Do not drill or burn even after use. Dispose of contents/container to compliance with local regulations.
Additional information Ecology - waste materials	Flammable vapours may accumulate in the container.Avoid release to the environment.

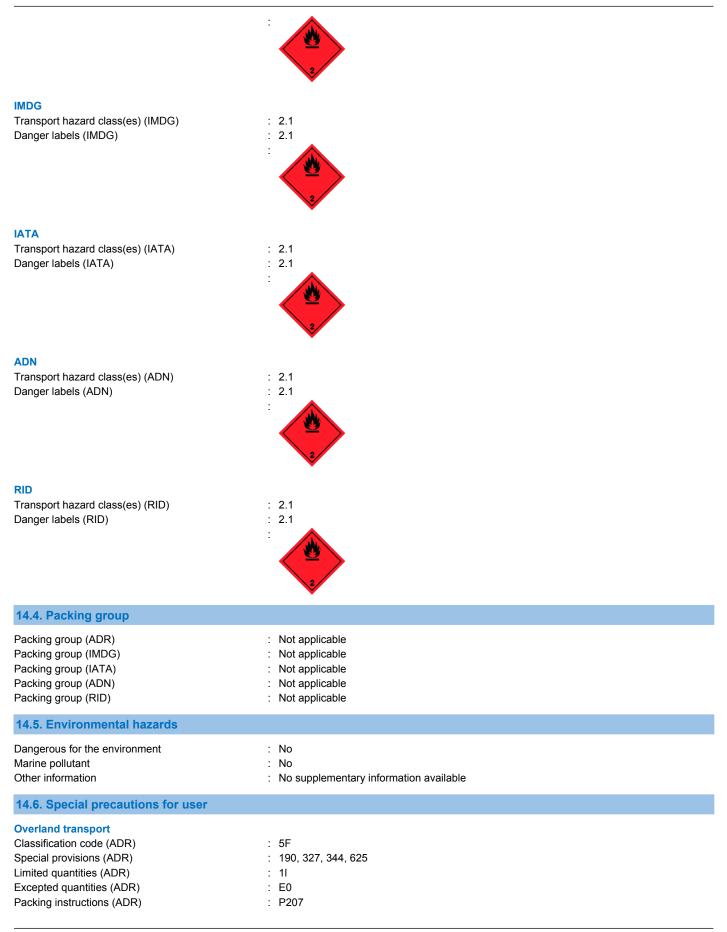
SECTION 14: Transport information

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

14.1. UN number or ID number	
UN-No. (ADR) UN-No. (IMDG)	: UN 1950 : UN 1950
UN-No. (IATA) UN-No. (ADN)	: UN 1950 : UN 1950
UN-No. (RID)	: UN 1950
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: AEROSOLS
Proper Shipping Name (IMDG)	: AEROSOLS
Proper Shipping Name (IATA)	: Aerosols, flammable
Proper Shipping Name (ADN)	: AEROSOLS
Proper Shipping Name (RID)	: AEROSOLS
Transport document description (ADR)	: UN 1950 AEROSOLS, 2.1, (D)
Transport document description (IMDG)	: UN 1950 AEROSOLS, 2.1
Transport document description (IATA)	: UN 1950 Aerosols, flammable, 2.1
Transport document description (ADN)	: UN 1950 AEROSOLS, 2.1
Transport document description (RID)	: UN 1950 AEROSOLS, 2.1
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: 2.1
Danger labels (ADR)	: 2.1

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Special packing provisions (ADR)	: PP87, RR6, L2
Mixed packing provisions (ADR)	: MP9
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: <u>-</u> : V14
Special provisions for carriage - Loading, unloading	
	. 609,6012
and handling (ADR)	
Special provisions for carriage - Operation (ADR)	: S2
Tunnel restriction code (ADR)	: D
Transport by sea	
Special provisions (IMDG)	: 63, 190, 277, 327, 344, 381, 959
Packing instructions (IMDG)	: P207, LP200
Special packing provisions (IMDG)	: PP87, L2
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage category (IMDG)	: None
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69
Air transport	
PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L
Inland waterway transport	
	: 5F
Classification code (ADN)	
Special provisions (ADN)	: 190, 327, 344, 625
Limited quantities (ADN)	: 1L
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01, VE04
Number of blue cones/lights (ADN)	: 1
Rail transport	
Rail transport	
Classification code (RID)	: 5F
Special provisions (RID)	: 190, 327, 344, 625
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E0
Packing instructions (RID)	: P207, LP200
Special packing provisions (RID)	: PP87, RR6, L2
Mixed packing provisions (RID)	: MP9
Transport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W14
Special provisions for carriage - Loading, unloading	: CW9, CW12
and handling (RID)	,
S (())	: CE2
Colis express (express parcels) (RID)	
Hazard identification number (RID)	: 23

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no REACH substances with Annex XVII restrictions

REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances

REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

PIC Regulation (Prior Informed Consent)

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.

POP Regulation (Persistent Organic Pollutants)

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

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Detergent Regulation (648/2004)

Ingredient data sheet		
Component	CAS-No.	%
1,3-dioxolane	646-06-0	≥10%
AQUA	7732-18-5	≥10%
dimethoxymethane	109-87-5	≥10%
2-AMINOETHANOL	141-43-5	1 - 10%
benzyl alcohol	100-51-6	1 - 10%
SODIUM ETHYLHEXYL SULFATE	126-92-1	1 - 10%
methanol	67-56-1	1 - 10%
GAZ AZOTE	7727-37-9	1 - 10%
HYDROXYPROPYL METHYLCELLULOSE	9004-65-3	<0.1%
ammonia%	1336-21-6	<0.1%
POLY[OXY(METHYL-1,2-ETHANEDIYL)],.ALPHABUTYLOMEGAHYDROXY-	9003-13-8	<0.1%
Partially Fluorinated Alcohol Substituted Glycol		<0.1%
2-diethylaminoethanol; N,N-diethylethanolamine	100-37-8	<0.1%

Labelling of contents	
Component %	
anionic surfactants	<5%

Explosives Precursors Regulation (2019/1148)

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.

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Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

15.1.2. National regulations

France

Occupational diseases			
Code	Description		
RG 49	Skin disorders caused by aliphatic, alicyclic amines or ethanolamines		
RG 49 BIS	Respiratory disorders caused by aliphatic amines, ethanolamines or isophoronediamine		
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		
Installations classées			
No ICPE	Désignation de la rubrique	Code Régime	Rayon
4321.text	Aérosols « extrêmement inflammables » ou « inflammables » de catégorie 1 ou 2, ne contenant pas de gaz inflammable de catégorie 1 ou 2, ni de liquide inflammable de catégorie 1. La quantité totale susceptible d'être présente dans l'installation étant :		

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	Segregation (IMDG)	Added	
	Revision date	Modified	
	Supersedes	Modified	
	Stowage and handling (IMDG)	Added	
	Transport category (RID)	Added	
	Special provisions (RID)	Added	
	Special packing provisions (RID)	Added	
	Proper Shipping Name (RID)	Added	
	Special provisions for carriage – Packages (RID)	Added	
	Special provisions for carriage - Loading, unloading and handling (RID)	Added	
	Packing instructions (RID)	Added	
	Mixed packing provisions (RID)	Added	
	Limited quantities (RID)	Added	
	Hazard identification number (RID)	Added	

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Indication of changes				
Section	Changed item	Change	Comments	
	Excepted quantities (RID)	Added		
	Colis express (express parcels) (RID)	Added		
	Classification code (RID)	Added		
	UN-No. (RID)	Added		
	Special provisions (IATA)	Modified		
	Packing instructions (ADR)	Modified		
	Special provisions (IMDG)	Modified		
2.2	Precautionary statements (CLP)	Modified		
14.3	Danger labels (RID)	Added		
14.6	Special provisions (ADN)	Modified		
14.6	Packing instructions (IMDG)	Modified		

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.
 None.

Other information

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H370	Causes damage to organs.
H371	May cause damage to organs.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 1	Specific target organ toxicity – single exposure, Category 1
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

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.