Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 09/03/2022 Revision date: 09/05/2022 Supersedes version of: 09/03/2022 Version: 1.1

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

1.1. Product identifier

Product form Product name Product code Type of product Product identification Mixture
PROSOLV AGRUM
303466
Detergent
Aerosol

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

1.2.1. Relevant identified uses

Main use category	:	Professional u
Industrial/Professional use spec	:	Industrial

Professional use, Industrial use
 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

Manufacturer

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

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor

SECTION 2: Hazards identification	
2.1. Classification of the substance or mixture	
Classification according to Regulation (EC) No. 1272/2008 [Cl	LP]
Aerosol 1	H222;H229
Skin Irrit. 2	H315
Skin Sens. 1	H317
Asp. Tox. 1	H304
Aquatic Chronic 2	H411
Full text of hazard classes, H- and EUH-statements: see section 1	16
Adverse physicochemical, human health and environmental	effects
No additional information available	

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2.2. Label elements

Labelling according to Regulation (EC) N	o. 1272/2008 [CLP]
Hazard pictograms (CLP)	
Signal word (CLP)	GHS02 GHS07 GHS09 : Danger
Contains	: Orange, sweet, ext.
	5 .
Hazard statements (CLP)	: H222 - Extremely flammable aerosol.
	H229 - Pressurised container: May burst if heated.
	H315 - Causes skin irritation.
	H317 - May cause an allergic skin reaction.
	H411 - Toxic to aquatic life with long lasting effects.
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.
	P251 - Do not pierce or burn, even after use.
	P260 - Do not breathe dusts or mists.
	P264 - Wash hands thoroughly after handling.
	P271 - Use only outdoors or in a well-ventilated area.
	P272 - Contaminated work clothing should not be allowed out of the workplace.
	P273 - Avoid release to the environment.
	P280 - Wear protective gloves, eye protection.
	P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
	P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C, 122 °F.
Extra phrases	: For professional use only.
	Not to be used for any purpose other than the one the product was designed for.
1.2 Other hererde	

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]
Orange, sweet, ext.	CAS-No.: 8028-48-6 EC-No.: 232-433-8 REACH-no: 01-2119493353- 35	40 – 60	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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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	40 – 60	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Carbon dioxide (Propellant gas (Aerosol))	CAS-No.: 124-38-9 EC-No.: 204-696-9 REACH-no: exempté d'enregistrement	2 – 5	Press. Gas (Comp.), H280

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

Comments

: Calculation of aerosol labeling excluding gas

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	: Take off immediately all contaminated clothing. Wash with plenty of water/ Seek medical attention if ill effect or irritation develops.
First-aid measures after eye contact	: Obtain medical attention if pain, blinking or redness persists. In case of eye contact, immediately rinse with clean water for 10-15 minutes.
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 Symptoms/effects after skin contact Symptoms/effects after eye contact Symptoms/effects after ingestion	 Inhalation of vapour can cause breathing difficulties. May cause sensitization by skin contact. Irritating to skin. Causes serious eye irritation. 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 Unsuitable extinguishing media	Foam. Carbon dioxide. Water spray. Dry powder. Alcohol resistant foam.Do not use a heavy water stream.
5.2. Special hazards arising from the	ne substance or mixture
Fire hazard	: Extremely flammable aerosol.

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Explosion hazard Reactivity in case of fire Hazardous decomposition products in case of fire	 Pressurised container: May burst if heated. Prevent fire fighting water from entering the environment. Incomplete combustion and thermolysis produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soo.
5.3. Advice for firefighters	
Precautionary measures fire Firefighting instructions	 Do not enter fire area without proper protective equipment, including respiratory protection. During a fire, projections ignited aerosol that burst under excessive pressure have to be controlled. To avoid overpressure, cool aerosols with water. Exercise caution when fighting any chemical fire. Evacuate area.

SECTION 6: Accidental release measures	
6.1. Personal precautions, protective equipm	nent and emergency procedures
General measures	Measures to take in the case of crushing or piercing aerosols, causing the leaking of products contained in aerosols. Ventilate area. Do not smoke. Remove ignition sources. Provide local exhaust or general room ventilation. Evacuate and limit access.
6.1.1. For non-emergency personnel	
Emergency procedures	: Do not touch spilled material. Evacuate area.
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.
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	: Clean up any spills as soon as possible, using an absorbent material to collect it. Collect the residue by means of a non-combustible absorbent material. Sand. Earth. Vermiculite.

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	
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	g 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.

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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 additional information available				
SECTION 8: Exposure controls/personal protectio	n			
8.1. Control parameters				
8.1.1 National occupational exposure and biologic	al limit values			
Carbon dioxide (124-38-9)				
EU - Indicative Occupational Exposure Limit (IOE	_)			
Local name	Carbon dioxide			
IOEL TWA	9000 mg/m ³			
IOEL TWA [ppm]	5000 ppm			

COMMISSION DIRECTIVE 2006/15/EC

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

Regulatory reference

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

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Safety glasses

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8.2.2.2. Skin protection

Skin and body protection:

Skin protection appropriate to the conditions of use should be provided

Hand protection:

Wear suitable gloves resistant to chemical penetration. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Since the product represents a preparation composed of several substances, the resistance of the glove materials cannot be calculated in advance and must be checked before use. The exact breakthrough time of the glove material has to be determined by the manufacturer of the protective gloves and has to be observed

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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.

SECTION 9: Physical and chemical properties			
9.1. Information on basic physical and chemical properties			
Physical state Colour Odour Odour threshold Melting point Freezing point Boiling point Flammability Explosive properties Explosive properties Explosive limits Lower explosion limit 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	 Liquid colourless to slightly yellow. orange. Not available Not available Not available Not available Highly flammable liquid and vapour. Pressurised container: May burst if heated. Not available 		
Relative vapour density at 20 °C Particle characteristics	: Not available : Not applicable		
9.2. Other information			
9.2.1. Information with regard to physical haza	rd classes		
% of flammable ingredients	: 95		
9.2.2. Other safety characteristics			
VOC content	: 783 g/l (95.4%)		

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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

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

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008			
Acute toxicity (oral): Not classifiedAcute toxicity (dermal): Not classifiedAcute toxicity (inhalation): Not classified			
Orange, sweet, ext. (8028-48-6)			
LD50 oral rat	> 5000 mg/kg		
LD50 dermal rabbit	> 5000 mg/kg		
ethanol (64-17-5)			
LD50 oral	10470 mg/kg		
LD50 dermal	15800 mg/kg		
LC50 Inhalation - Rat	50000 mg/m ³		
Skin corrosion/irritationAdditional informationSerious eye damage/irritationAdditional informationRespiratory or skin sensitisationAdditional informationGerm cell mutagenicityAdditional informationCarcinogenicityAdditional informationReproductive toxicityAdditional informationSTOT-single exposureAdditional informationSTOT-repeated exposureAdditional informationAdditional information	Causes skin irritation. Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met May cause an allergic skin reaction. Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified		
Additional information	Based on available data, the classification criteria are not met		

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PROSOLV AGRUM			
Product identification Aerosol			
Viscosity, kinematic < 20.5 mm ² /s (PA 40°C)			
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	:	Long-term exposure at high concentration may cause
symptoms		:Headache,Giddiness,Nausea,Fatigue,Vomiting

SECTION 12: Ecological information			
12.1. Toxicity			
Hazardous to the aquatic environment, short-term : Not classified (acute)			
Hazardous to the aquatic environment, long-term : Toxic to aquatic life with long lasting effects. (chronic)			
Orange, sweet, ext. (8028-48-6)			
EC50 72h - Algae [1]	150 mg/l		
ethanol (64-17-5)			
LC50 - Fish [1]	11200 mg/l		
EC50 - Crustacea [1]	12340 mg/l		
EC50 72h - Algae [1]	275 mg/l		
12.2. Persistence and degradability			
Orange, sweet, ext. (8028-48-6)			
Persistence and degradability	Readily biodegradable.		
12.3. Bioaccumulative potential			
No additional information available			
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 :	No other effects known		

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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	ΙΑΤΑ	ADN	RID	
14.1. UN number or ID number					
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950	
14.2. UN proper shippin	g name				
AEROSOLS	AEROSOLS AEROSOLS Aerosols, flammable AEROSOLS AEROSOLS				
Transport document descr	iption			-	
UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS	UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS	
14.3. Transport hazard of	class(es)				
2.1	2.1	2.1	2.1	2.1	
14.4. Packing group					

Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	zards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information	on available		·	·

14.6. Special precautions for user

Overland transport

Classification code (ADR)	:	5F
Special provisions (ADR)	:	190, 327, 344, 625
Limited quantities (ADR)	:	11
Excepted quantities (ADR)	:	E0
Packing instructions (ADR)	:	P207
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	:	CV9, CV12
and handling (ADR)		
Special provisions for carriage - Operation (ADR)	:	S2
Tunnel restriction code (ADR)	:	D

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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
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

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.

VOC content

: 783 g/l (95.4%)

Other information, restriction and prohibition regulations

: Aerosol Generator Directive 75/324/EEC and its adaptations. Regulation 648/2004 / EC and its adaptations of detergents.

Detergent Regulation (648/2004/EC): Labelling of contents:		
Component	%	
aliphatic hydrocarbons	≥30%	

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information				
	Revision date	Modified		
	Comments (below composition)	Added		
1.1	Product code	Modified		
3	Composition/information on ingredients	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.
 Imp. DL4.

Other information

Full text of H- and EUH-statements:				
Aerosol 1	Aerosol, Category 1			
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2			
Asp. Tox. 1	Aspiration hazard, Category 1			
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2			
Flam. Liq. 2	Flammable liquids, Category 2			
Flam. Liq. 3	Flammable liquids, Category 3			
H222	Extremely flammable aerosol.			
H225	Highly flammable liquid and vapour.			
H226	Flammable liquid and vapour.			
H229	Pressurised container: May burst if heated.			
H280	Contains gas under pressure; may explode if heated.			
H304	May be fatal if swallowed and enters airways.			
H315	Causes skin irritation.			
H317	May cause an allergic skin reaction.			
H319	Causes serious eye irritation.			
H411	Toxic to aquatic life with long lasting effects.			
Press. Gas (Comp.)	Gases under pressure : Compressed gas			
Skin Irrit. 2	Skin corrosion/irritation, Category 2			
Skin Sens. 1	Skin sensitisation, Category 1			

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.