

Safety Data Sheet

Conforms to Regulation (EU) 2015/830 of the Committee of 28 May 2015 amending Regulation (EC) no. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
Safety Data Sheet according to Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Ref.: 102184-102882

Date of issue:
02/05/23
Revision Date:
17/04/23
Version: 4.3

INNOV'+ SOL

Section 1 IDENTIFICATION OF THE MIXTURE AND COMPANY

1.1. Product identifier

Name: INNOV'+ SOL
Distributor reference: 102184-102882

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

Lavender Multipurpose Degreasing Concentrate IPC
See the label for more information.

1.3. Information concerning the supplier of the safety data sheet

Corporate name: IPC

Address: 10 Quai CDT MalbertCS 71821

Country Code/Postal Code/City: FR 29218 BREST CEDEX 2

Telephone: 02 98 43 45 44

Email: ipc.serviceclients@groupe-ipc.com

Maker: www.ipc-sa.com

1.4. Emergency telephone number

ORFILA (INRS) - poison control centers list FR: +33 (0)1 45 42 59 59, BE: +32 70 245 245, ES: +34 91 562 04 20, HR: +3851 2348 342, DK: +45 82 12 12 12, FI: +358 9 471 977, DE: +49 30 19240, HU: +36 80 201 199, LV: +371 670 810 12, LU: +352 8002 5500, NL: +31 (0)88 755 8000, PL: +48 22 25 00 748, RO: +402 13 18 36 06, SK: +421 2 5477 4166
Company/body: INRS

Section 2 IDENTIFICATION OF HAZARDS

2.1. Classification of the substance or mixture

2.1.1. In accordance with regulation (EC) no. 1272/2008 and its adaptations

Flammable liquid / Category 3 (GHS02 H226)
Skin corrosion / irritation / Category 2 (H315 GHS07)
Serious eye damage / eye irritation / Category 1 (GHS05 H318)
Chronic toxicity (aquatic) / Category 3 (H412)

2.2. Label elements

2.2.1. In accordance with regulation (EC) no. 1272/2008 and its adaptations



2.2.2. Warning message

Danger

2.2.3. Product identifier

CE number	INCI name	IUPAC name
200-578-6	ethanol	Non concerné
600-975-8	Lauryl glucoside	Alkylpolyglycoside C10-16
277-362-3	sodium lauryl sulfate	Sodium lauryl sulfate
500-234-8	sodium laureth sulfate	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
500-220-1	Decyl glucoside	Alkylpolyglucoside C8-10

2.2.4. Hazard statements and additional information about hazards

H226: Flammable liquid and vapours.

H315 : Causes skin irritation.

H318 : Causes severe eye injury.

H412: Harmful to aquatic organisms, may cause long-term adverse effects.

EUH 208 : Contains 4-tert-butylcyclohexyl acetate, Linalool, Eucalyptol, Coumarin, 3,7-dimethyl-1,6-octadien-3-yl acetate, 2-methylundecanal, Cinnamyl alcohol. May produce an allergic reaction.

2.2.5. Safety precautions

Prevention

P273 : Avoid discharge into the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Intervention

P302 + P352 : IN CASE OF CONTACT WITH THE SKIN : wash with a lot of water and soap.

P305 + P351 + P338 : In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if the victim wears them and if they can be easily removed. Continue rinsing.

P303 + P361 + P353 : IN CASE OF CONTACT WITH THE SKIN (or hair): take off your contaminated clothing. Rinse with clear water / take a shower.

Elimination

P501 : Dispose of contents / container in an appropriate container

2.3. Other hazards

No other hazard identified in the present state of our knowledge.

Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances:

3.2. Mixtures:

Identification	(CE) 127/2/2008	Nota	%
Inci: ethanol Iupac: ethanol CAS: 64-17-5 CE: 200-578-6 ID: N/D N° REACH: 01-2119457610-43	Flam. Liq. 2, H225 Eye Irrit. 2, H319 (SCL 50%)		>= 10% & < 15%
Inci: Lauryl glucoside Iupac: Alkylpolyglycoside C10-16 CAS: 110615-47-9 CE: 600-975-8 ID: N/D N° REACH: N/D	Skin Irr. 2, H315 Eye Dam. 1, H318 (H319: 12 - 30%, H318 > 30%)		>= 1% & < 10%
Inci: sodium lauryl sulfate Iupac: Sodium lauryl sulfate CAS: 73296-89-6 CE: 277-362-3 ID: N/D N° REACH: 01-2119489464-26	Skin Irr. 2, H315 Eye Dam. 1, H318 (H319: 10 - 20%, H318 > 20%) Aquatic Chronic 3, H412		>= 1% & < 10%
Inci: sodium laureth sulfate Iupac: Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS: 68891-38-3 CE: 500-234-8 ID: N/D N° REACH: 01-2119488639-16	Skin Irr. 2, H315 (SCL 20%) Eye Dam. 1, H318 (H319: 5 - 10%, H318 > 10%) Aquatic Chronic 3, H412		>= 1% & < 10%
Inci: Decyl glucoside Iupac: Alkylpolyglucoside C8-10 CAS: 68515-73-1 CE: 500-220-1 ID: N/D N° REACH: 01-2119488530-36	Eye Dam. 1, H318		>= 3% & < 15%
Inci: 4-tert-butylcyclohex yl acetate Iupac: 4-tert-butylcyclohex yl acetate CAS: 32210-23-4 CE: 250-954-9 ID: N/D N° REACH: 01-2119976286-24	Skin Sens. 1B, H317		>= 0.1% & < 1%

Inci: Linalool Iupac: Linalool CAS: 78-70-6 CE: 201-134-4 ID: N/D N° REACH: 01-2119474016-42	Skin Irr. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317	>= 0.1% & < 1%
Inci: Coumarin Iupac: 2H-1-Benzopyran-2-on e CAS: 91-64-5 CE: 202-086-7 ID: N/D N° REACH: 01-2119949300-45	Acute Tox. 4, H302 Aquatic Chronic 3, H412 Skin Sens. 1B, H317	>= 0.1% & < 1%
Inci: Eucalyptol Iupac: Eucalyptol CAS: 470-82-6 CE: 207-431-5 ID: N/D N° REACH: 01-2119967772-24	Flam. Liq. 3, H226 Eye Irrit. 2, H319 Skin Sens. 1B, H317	>= 0.1% & < 1%
Inci: diphenylether Iupac: phenoxybenzene CAS: 101-84-8 CE: 202-981-2 ID: N/D N° REACH: N/D	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412	>= 0.1% & < 0.9%
Inci: 3,7-dimethyl-1,6-oct adien-3-yl acetate Iupac: N/D CAS: 115-95-7 CE: 204-116-4 ID: N/D N° REACH: N/D	Skin Irr. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317	>= 0.1% & < 1%
Inci: 2-methyl undecanal Iupac: 2-methyl undecanal CAS: 110-41-8 CE: 203-765-0 ID: N/D N° REACH: 01-2119969443-29	Skin Irr. 2, H315 Aquatic Acute 1, H400 (Factor M = 1) Aquatic Chronic 1, H410 (Factor M = 1) Skin Sens. 1B, H317	>= 0.1% & < 0.9%
Inci: pentyl salicylate Iupac: pentyl salicylate CAS: 2050-08-0 CE: 218-080-2 ID: N/D N° REACH: 01-2119969444-27	Acute Tox. 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	>= 0.1% & < 0.9%
Inci: Cinnamyl alcohol Iupac: Cinnamyl alcohol CAS: 104-54-1 CE: 203-212-3 ID: N/D N° REACH: N/D	Acute Tox. 4, H302 Skin Sens. 1A, H317	< 0.5%

Identification	Specific Concentration Limits (SCL)	Factor M
Inci: ethanol CAS: 64-17-5	H319: (SCL 50%)	
Inci: Lauryl glucoside CAS: 110615-47-9	H319: 12% >= c < 30% H318 c >= 30%	
Inci: sodium lauryl sulfate CAS: 73296-89-6	H319: 10% >= c < 20% H318 c >= 20%	
Inci: sodium laureth sulfate CAS: 68891-38-3	H319: 5% >= c < 10% H318 c >= 10% H315: (SCL 20%)	

The other components of this mixture are not classified according to the CLP criteria and/or Directive 67/548/EC or are present in concentrations below the threshold values.

3.3. Substances that are subject of exposure limit values at the workplace:

Refer to paragraph 8

Section 4 FIRST AID

Generally, in case of doubt or if the symptoms persist, always call a doctor.
If the person is unconscious, place in the security recovery position.
NEVER give anything by mouth to an unconscious person.
Turn on side a person lie on his back, who is vomiting.

4.1. Description of first aid:

4.1.1. In case of inhalation:

In case of massive inhalation, move the victim to fresh air.
Consult a doctor in case of symptoms.

4.1.2. In case of splashing or contact with eyes:

Rinse the eye thoroughly with lukewarm water (20 to 25 ° C), soft and clean (or with physiological saline), for at least 15 minutes, keeping the eyelids open. Avoid splashing towards the unaffected eye (e.g. using a compress). Water always flows from the nose to the ear. Move the eye in all directions when rinsing.

Take out contact lenses if the victim wears lenses and if it is possible to take them out of the eyes easily. Continue to rinse.

Consult a doctor immediately.

If the eye irritation persists, or if new symptoms (pain, visual discomfort) occur, consult an ophthalmologist.

4.1.3. In case of contact with skin:

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes and wash before reuse. Seek medical attention if unusual symptoms occur.

If skin irritation persists, or in case of allergic manifestation, consult a specialist doctor.

When the contaminated area is large and / or if skin lesions appear, it is necessary to consult a doctor quickly or to go to the hospital.

4.1.4. In case of ingestion:

Rinse mouth.

Do not induce vomiting, rinse mouth.

Consult a doctor immediately.

Bring to the free air in case of massive inhalation. Keep him in a warm place and at rest. Consult a doctor.

4.2. Main symptoms and effects, both acute and delayed:

The main known symptoms and effects are described on the labeling (see section 2.2) and / or in section 11.

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

Seek advice from a poison control centre or a toxicologist.

Consult your doctor and show this safety data sheet.

Section 5 FIRE-FIGHTING MEASURES

5.1. Extinguishing agents

Suitable extinguishing media: Powder extinguisher (ABC multipurpose dryers and BC powder); CO2 fire extinguisher; Water extinguisher with additive; Foam ; Sand; Fire blanket.

Unsuitable extinguishing media: Water spray extinguishers without additives (ineffective).

5.2. Special hazards arising from the substance or mixture:

Possibly, and because of the presence of organic matter, a fire could produce a thick black smoke. The exposure to the products of decomposition could involve health risks.

Do not breathe fumes.

5.3. Advice for fire-fighters:

Full protective clothing.

Wear self-contained respiratory protective device (insulating stand-alone respiratory protective device).

Prevent heating of containers exposed to fire by spraying with water (water curtain).

Do not allow extinguishing water to enter sewers or waterways. Treat as hazardous waste.

Consider the residues of extinguishing media as dangerous products. Dispose of them according to the indications in section 13.

Take measures against electrostatic charges.

Section 6 MEASURES IN CASE OF ACCIDENTAL SPILLAGE

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-rescuers:

Avoid breathing vapors. Ventilate the premises.

Avoid contact with the skin.

Avoid contact with the eyes.

Alert / evacuate people in the immediate area.

Shut off the source of the spill.

Eliminate ignition sources, sparks and electrostatic charges.

Isolate the contaminated area.

Put on personal protective equipment (see section 8).

Refer to section 6.3 for methods of containment and cleaning up.

In the event of a sign of seriousness, alert the emergency services.

If the spilled quantities are important, evacuating staff by involving the trained operators fitted with protective equipment.

6.1.2. For rescuers:

Responders will be equipped with personal protective equipment (see section 8).

6.2. Precautions for environmental protection:

Contain and collect leaks with non-combustible absorbent materials, for example : sand, soil, vermiculite, diatomaceous earth in drums for disposal of waste.

Prevent runoff into waterways, sewers, basements or confined spaces (beyond recommended rate and use).

6.3. Methods and material for containment and cleaning up:

Eliminate all sources of ignition (no smoking, no torches, sparks or flames in the immediate vicinity).

Stop the leak if it can be done without risk.
Do not walk in or touch the spilled product.
Empêcher tout écoulement dans les cours d'eau, égouts, sous-sols ou espaces clos (au delà de la dose et l'usage recommandés).
A vapor repellent foam can be used to reduce them.
Collect the liquid using an absorbent product (sand, kieselguhr, neutralizing acid, universal binder, sawdust, soil, etc.) in drums for disposal of waste.
Use clean, non-sparking tools to collect absorbed material.
Ensuring adequate ventilation.

6.4. Reference to other sections:

Refer to section 8 for PPE.
Refer to section 4 for first aid measures.
Refer to section 5 for fire fighting measures.
Refer to section 13 for management of contaminated absorbents.

Section 7 HANDLING AND STORAGE

7.1. Precautions for safe handling:

Handle in well-ventilated areas.
Never open the packaging by applying pressure.
Wear the personal protective equipment indicated in section 8.
Avoid breathing dust or spray mist.
Do not swallow.
Avoid contact with eyes, skin and clothing.
It is recommended that the floor of the premises be impermeable and form a retention basin so that in the event of a major accidental spill, the liquid cannot spill out.

7.1.1. Fire prevention:

Handle in well-ventilated areas.
Observe storage compatibility (see paragraph 7.2).
Prohibit access to unauthorized persons.
Compulsory training before handling the product.
Grounding of the metal parts of the containers.
Work with non-sparking tools.
Move away from sources of heat or causes of static electricity generation or spark.

7.1.2. Environmental Protection :

Use filters for exhaust ventilation.
Avoid contamination of sewers (beyond recommended dosage and use).
Do not discharge into sewage or waterways (beyond recommended dosage and use).

7.1.3. Work hygiene instructions:

Wash hands after each use, and before eating, drinking or smoking.
It is prohibited to smoke, eat or drink on the premises where the preparation is used.
Do not wear soiled work clothes in areas such as offices, seminar rooms, lounge areas, company restaurants or cafeterias.
Change work clothes frequently and wash them before reuse, especially if they have been contaminated with dangerous chemicals.
Store work clothes separate from street clothes.

7.2. Pre-requisites to ensure the safety of the storage, taking into account any possible incompatibilities:

7.2.1. Storage

Store hermetically closed in a dry, well-ventilated and cool place.
Store in the original container.
Keep away from food and drink, including those for animals.
Keep out of reach of children.
Respect the expiration date indicated on the packaging.
Store away from all sources of heat and incompatible materials (see section 10).
Store in a specific cabinet or room, away from ignition sources. The storage enclosure must be ventilated.
Controlled and limited access (keep locked). Avoid the presence of piping in the room. Control the humidity.
The opened packaging must be carefully closed and kept in the vertical position.
Store away from frost.

7.2.2. Materials recommended:

Use only specially approved packaging for material / product.
Store in the original container.

7.2.3. Inadvisable material:

None

7.3. Specific end use(s):

Refer to the label and the technical data sheet.
Do not mix different cleaners.

Section 8 EXPOSURE CONTROL /INDIVIDUAL PROTECTION

8.1. Control parameters:

8.1.1. Occupational exposure limit values :

Components showing threshold values to be monitor through a workstation:

INCI name	IUPAC name	CAS number	VME (ppm)	VME (mg/m3)	VLE (ppm)	VLE (mg/m3)
ethanol	ethanol	64-17-5	1000	1900	5000	9500
diphenylether	phenoxybenzene	101-84-8	1	7	2	14

8.2. Exposure controls:

8.2.1. Appropriate technical controls:

Use clean and properly maintained personal protective equipment. Check condition before use.

Store personal protective equipment in a clean place, away from the work area.

Ensure adequate ventilation, if possible, by aspiration to workstations and extraction generally suitable.

If the ventilation is inadequate to maintain concentrations of solvent vapors in the exposure limits, wear breathing apparatus.

Maintaining local and workstations in a perfect state of cleanliness, clean them frequently.

8.2.2. Personal protection measures:

Personal protective equipment (PPE) must be worn in addition to the collective protection equipment put in place (section 7).

For fire-specific personal protective equipment, see section 5.

a) Protection of eyes and face:

Avoid contact with eyes.

Before handling, wear side-shielding goggles conforming to standard NF EN166.

If the product is sprayed, wear a face shield conforming to standard NF EN166.

Wearing glasses does not constitute protection.

It is recommended that lens wearers encourage the wearing of prescription glasses (under safety glasses) when handling this product.

Provide eye fountains in the workshops where the preparation is handled.

b) Protection of hands:

Avoid contact with the skin.

Use suitable protective gloves resistant to chemical agents, in accordance with standard NF EN374.

The protective gloves must be chosen according to the work station: other chemicals that can be handled, physical protection necessary (cut, puncture, thermal protection), dexterity required.

Type gloves recommended: butyl rubber, synthetic rubber, neoprene, nitrile, PVC.

Use solvent resistant gloves.

c) Protection of skin:

Avoid contact with the skin.

Wear protective clothing and waterproof boots kept in good condition and cleaned frequently.

Wear protective clothing (blouse / apron type) compliant with standard NF EN13034.

In the event of prolonged contact, wear protective boots or half-boots against chemical risk in accordance with standard NF EN13832-2.

Protective creams may be used for exposed areas of the skin. However, they should not be applied directly after contact with the product without prior medical advice.

d) Respiratory Protection:

Do not inhale gases, fumes and aerosols.

Filters-gas (combined and assisted ventilation).

When workers are facing concentrations above the exposure limit, they must wear appropriate and approved masks (with adapted cartridge).

8.2.3. Environmental exposure controls

No information available

Section 9 CHEMICAL AND PHYSICAL PROPRIETES

9.1. Information on basic physical and chemical properties:

Physical state: Liquid

Aspect: Clear liquid

Color: light yellow-green

Odour: characteristic fragrance

Melting point / freezing point: Not available

Boiling: Not available

Flammability: Not determined

Lower and upper explosion limits: Not available

Flash point: 35.5 °C ISO 3679 (closed cup method)

Auto-ignition temperature: Not available

Decomposition temperature: Not available

pH: 9.5 - 10.5

diluted pH: Not available

Kinematic viscosity: 0 - 50 cP (25°C)

Solubility: Not available

N-Octanol/water partition coefficient (Log Pow): Not available

Vapor pressure: Not available

Density: 1.006 - 1.026

Density and/or relative density: Not applicable

Particle characteristics: Not applicable

Maximum VOC content: 13.726

Nanoform presence: Not concerned

9.2. Other information:

9.2.1. Information on physical hazard classes

Explosives: Not applicable

Flammable gases: Not applicable

Oxidizing gases: Not applicable

Gas under pressure: Not applicable

Flammable liquids: Not applicable

Flammable solids: Not applicable

autoreactive: Not applicable

Organic peroxides: Not applicable

Pyrophoric liquids: Not applicable

Pyrophoric solids: Not applicable

Self-heating: Not applicable

Releases flammable gas in contact with water: Not applicable

Oxidizing liquids: Not applicable

Oxidizing solids: Not applicable

Corrosive to metals: Not applicable

Flammable aerosols: Not applicable

Chemically unstable gases: Not applicable

Desensitized explosives: Not applicable

9.2.2. Other Security Features

Mechanical sensitivity: Not available

Self-accelerating curing temperature: Not available

Formation of explosive dust/air mixtures: Not available

Acid/alkaline reserve: Not available

Evaporation Rate: Not available

Miscibility: Not available

Conductivity: Not available

Corrosivity: Not available

Gas group: Not available

Redox potential: Not available

Potential for free radical formation: Not available

Photocatalytic properties: Not available

Section 10 STABILITY AND REACTIVITY

10.1. Reactivity:

None

10.2. Chemical stability:

Thermally stable at typical temperatures of use and storage (see section 7).

The heat (temperatures above the flash point), sparks, ignition points, flames, static electricity.

At extreme temperatures (<5 ° C or > 35 ° C) or under significant UV exposure, the properties of the product may be impaired.

10.3. Possibility of hazardous reactions:

Risk of ignition or even explosion on contact with oxidizers (strong oxidants) and fuels.

10.4. Conditions to be avoided:

Do not mix with other products.

Avoid heat, sparks, open flames and all sources of ignition.

10.5. Incompatible materials:

Oxidizing materials (strong oxidants) and fuels.

10.6. Hazardous decomposition products:

Hazardous decomposition products are not expected to form under normal storage conditions.

Thermal decomposition products / combustion products: see section 5.

Above the flashpoint, an explosive mixture can be formed.

Section 11 TOXICOLOGICAL INFORMATIONS

11.1. Information on toxicological effects:

11.1.1. Substances:

Not concerned

11.1.2. Mixtures:

The product has not been tested. The toxicological data is deduced from the properties of different constituents.

11.1.2.1. Acute toxicity

Based on available data, the criteria for classification of acute toxicity are not met

Toxicity of raw materials:

Experimental values for acute toxicity

IUPAC name	CAS number	EC number	DL50 oral (mg/Kg)	DL50 dermal (mg/Kg)	LC50 inhalation	Specie	Time (h)
ethanol	64-17-5	200-578-6	10470	-	-	Rat	NC
ethanol	64-17-5	200-578-6	-	15800	-	Rabbit	NC
ethanol	64-17-5	200-578-6	-	-	51 mg/L (vapor)	Rat	4
sodium lauryl sulfate	73296-89-6	277-362-3	5001	-	-	Rat	NC
sodium lauryl sulfate	73296-89-6	277-362-3	-	5001	-	Rabbit	NC
alcohols, c12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8	4100	-	-	Rat	NC
alcohols, c12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8	-	2001	-	Rat	NC
4-tert-butylcyclohexyl acetate	32210-23-4	250-954-9	3370	-	-	NC	NC
4-tert-butylcyclohexyl acetate	32210-23-4	250-954-9	-	5001	-	NC	NC
linalool	78-70-6	201-134-4	2790	-	-	NC	NC
2h-1-benzopyran-2-one	91-64-5	202-086-7	5001	-	-	Rat	NC
2h-1-benzopyran-2-one	91-64-5	202-086-7	-	2001	-	Rat	NC
eucalyptol	470-82-6	207-431-5	2480	-	-	NC	NC
phenoxybenzene	101-84-8	202-981-2	2830	-	-	NC	NC
2-methyl undecanal	110-41-8	203-765-0	5001	-	-	Rat	NC
pentyl salicylate	2050-08-0	218-080-2	4100	-	-	Rat	NC
pentyl salicylate	2050-08-0	218-080-2	-	5001	-	Rabbit	NC
cinnamyl alcohol	104-54-1	203-212-3	2000	-	-	NC	NC

11.1.2.2. Skin corrosion / skin irritation

Irritating to skin.

In case of skin contact: may cause an inflammatory reaction or dermatitis. Inhalation: may cause rhinitis, laryngitis, pharyngitis, bronchitis. If swallowed: may cause superficial damage to the digestive tract.

11.1.2.3. Serious eye damage / eye irritation

Causes severe eye injury.

Irritating to eyes.

If splashed into the eyes, causes very serious irreversible effects: damage to the eye tissue (redness, pain), serious deterioration of vision (visual disturbances).

Splashes in eyes can cause irritation and reversible damage.

11.1.2.4. Respiratory or skin sensitization

Not classified vis-à-vis the creation of awareness under the CLP Regulation 1278/2008.

11.1.2.5. Carcinogenicity

Not classified vis-à-vis the carcinogenicity under the CLP Regulation 1278/2008.

11.1.2.6. Germ cell mutagenicity

Not classified vis-à-vis the mutagenicity under the CLP Regulation 1278/2008.

11.1.2.7. Reproductive toxicity

Not classified vis-à-vis the reproductive toxicity under the CLP Regulation 1278/2008.

11.1.2.8. Specific toxicity for target organ only - single exposure

Not classified with regard to specific toxicity for certain target organs - single exposure within the meaning of CLP regulation 1272/2008.

11.1.2.9. Specific toxicity for target organ only - repeated exposure

Not classified with regard to specific toxicity for certain target organs - repeated exposure within the meaning of CLP regulation 1272/2008.

11.1.2.10. Aspiration hazard

Not classified as regards aspiration hazard within the meaning of CLP regulation 1272/2008.

11.1.2.11. Interactive effects

No significant interactive effects or critical hazards known for this mixture.

11.1.3. Other toxicity information

Respiratory irritation, nausea, dizziness and disorders of consciousness. Depression of the central nervous system with headache and drowsiness. The latter generally decline at the end of the exposure.

Contains a solvent, emits high concentrations vapors is it is heated.

11.2. Endocrine disrupting property

No other hazard identified in the present state of our knowledge.

Section 12 ECOLOGICAL INFORMATION

Avoid release to the environment.

12.1. Toxicity:

Harmful to aquatic organisms, may cause long-term adverse effects.

12.1.1. Substances:

Ecotoxicity of raw materials contained in the formulation:

IUPAC name	CAS number	EC number	CL(E) 50	Specie	Time (h)
ethanol	64-17-5	200-578-6	13000	Fish	96
ethanol	64-17-5	200-578-6	12340	Daphnia	48
ethanol	64-17-5	200-578-6	275	Fresh water seaweed	72
ethanol	64-17-5	200-578-6	5800	Bacteria	4
Alkylpolyglycoside C10-16	110615-47-9	600-975-8	2.95	Fish	96
Sodium lauryl sulfate	73296-89-6	277-362-3	3.6	Fish	96
Sodium lauryl sulfate	73296-89-6	277-362-3	4.7	Daphnia	48
Sodium lauryl sulfate	73296-89-6	277-362-3	>20	Green algae	72
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8	7.1	Fish	96
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8	7.4	Daphnia	48
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8	27.7	Green algae	72
Alkylpolyglucoside C8-10	68515-73-1	500-220-1	126	Fish	96
Linalool	78-70-6	201-134-4	20	Daphnia	48
Linalool	78-70-6	201-134-4	88.3	Fish	96
Eucalyptol	470-82-6	207-431-5	95.4	Fish	96

12.1.2. Mixtures:

No aquatic toxicity data is available on the mixture.

12.2. Persistence and degradability:

Degradability data of the raw materials contained in the formulation:

IUPAC name	CAS number	EC number	Biodegradation	days	Method	Conclusion degradability
ethanol	64-17-5	200-578-6	97%	28	OCDE 301B	The substance is considered to be easily degraded
sodium lauryl sulfate	73296-89-6	277-362-3	86-90%	28	N/D	The substance is considered to be easily degraded
alcohols, c12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8	>90%	28	OECD 301D	The substance is considered to be easily degraded

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential:

Bioaccumulation data of the raw materials contained in the formulation:

IUPAC name	CAS number	EC number	N-Octanol/water partition coefficient (Log Pow)	Bio-concentration factor (BCF)	Interpretation bioaccumulation
ethanol	64-17-5	200-578-6	-0.35	0.7	Non-bioaccumulative substance
sodium lauryl sulfate	73296-89-6	277-362-3	-1.38	0	Non-bioaccumulative substance

No bioaccumulation data is available on the mixture.

12.4. Mobility in soil:

No additional data available.

12.5. Results of PBT and vPvB evaluations

No other hazard identified in the present state of our knowledge.

12.6. Endocrine disrupting properties

No other hazard identified in the present state of our knowledge.

12.7. Other adverse effects:

No additional data available.

Section 13 CONSIDERATIONS RELATING TO DISPOSAL:

Appropriate waste management of the mixture and / or its container must be determined in accordance with the provisions of Directive 2008/98 / EC.

Respect your discharge convention and the ICPE (facilities classified for environmental protection) regulations.

13.1. Waste treatment methods:

13.1.1. Waste:

Recycle or dispose in accordance with the laws in force, preferably by a collector or an approved company.
Do not discharge the product in drains or waterways.

13.1.2. Soiled Packaging:

Empty the container completely. Keep the label(s) on the container.
Put back to an approved disposer.
Do not reuse the packaging.

13.1.3. Waste codes:

07 06 01 * aqueous washing liquids and mother liquors
15 01 02 plastic packaging
20 01 13 * solvents

The following regulations have been taken into account:

- Directive 2008/98 / EC relating to waste
- Decision 2014/955 / EU listing the waste referred to in article 7 of directive 2008/98 / EC
- Regulation (EU) N ° 1357/2014 replacing Annex III of Directive 2008/98 / EC (Properties which make waste hazardous)

Section 14 TRANSPORT INFORMATION

In accordance with the ADR requirements:

14.1. UN number or ID number

1993

14.2. UN shipping name:

FLAMABLE LIQUID N.O.S (ethanol)

14.3. Hazard class(es) for transport:

Class 3



14.4. Packaging group:

III

14.5. Hazards for the environment:

None

14.6. Special precautions for user:

Handling precautions: refer to point 7.1.

Limited quantity: 5L

Number of tunnel: (D/E)

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 to the substance or mixture:

15.1.1. Information relating to the classification and labelling as given in Section 2

The following regulations have been taken into consideration:

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and amendments.

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 (CLP), and amendments.

Safety Data Sheet according to Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.1.2. Detergent composition (EC Regulation 648/2004 and 907/2006):

5% or more but less than 15% : anionic surfactants, nonionic surfactants; Scent; Linalool, Coumarin, Cinnamyl alcohol, Geraniol, Eugenol, limonene, Hexyl cinnamal.

15.1.3. Nomenclature of classified installations:

2630 - Manufacture of or based on detergents and soaps

No additional data available.

15.1.4. Occupational diseases according to the Labour Code (Source: INRS):

General scheme Table 4BIS: Gastrointestinal disorders caused by benzene, toluene, xylenes and all products containing them

General Plan Table 84: disorders caused by liquid organic solvents for professional use: aliphatic or cyclic saturated or unsaturated liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrates aliphatic hydrocarbons; alcohols, glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran it; esters; dimethylformamide and dimethylacetamide; acetonitrile and propionitrile; pyridine; dimethyl sulfone and dimethylsulfoxide.

15.1.5. Biocide statement

Not concerned

Not concerned

15.1.6. SVHC substances:

To the best of our knowledge, this mixture does not contain any substance on the candidate list of substances of very high concern subject to authorisation (SVHC) updated by ECHA.

15.2. Assessment of chemical safety

No chemical safety assessment has been carried out by the supplier for the mixture.

The information from the assessment of chemical safety of the substances present in the product is included in the appropriate sections of this Safety Data Sheet, wherever necessary.

Section 16 OTHER INFORMATION

16.1. Wording of the phrases mentioned in paragraph 3:

H225 Very flammable liquid and vapours.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H318 Causes severe eye injury.

H412 Harmful to aquatic organisms, may cause long-term adverse effects.

H317 May cause allergic skin reaction.

H302 Harmful if swallowed.

H226 Flammable liquid and vapours.

H400 Very toxic to aquatic organisms.

H410 Very toxic to aquatic organisms, may cause long-term serious adverse effects.

16.2. Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

RID: Regulations concerning the International carriage of Dangerous goods by rail.

LC50: Lethal concentration that causes 50% mortality in the population of organisms studied, for a given time, by single dose.

LD 50: Lethal dose causing 50% mortality in the population of organisms studied, for a given time, by single dose.

ETA = Estimated Acute Toxicity

AISE = International Association of Soap, Detergent and Maintenance Products

CLP = Regulation 1272/2008/EC on the classification, labelling and packaging of substances and mixtures

ELV : Exposure limit value

TWA: time weighted average at the workplace

16.3. Modifications

Modification of safety data phrases

Paragraph 8

"Components showing threshold values to be monitor through a workstation:"has been added

"Avoid contact with eyes."has been added

"Wearing glasses does not constitute protection."has been added

"When workers are facing concentrations above the exposure limit, they must wear appropriate and approved masks (with adapted cartridge)."has been added

"Avoid contact with the skin."has been added

"Type gloves recommended: butyl rubber, synthetic rubber, neoprene, nitrile, PVC."has been added

"Avoid contact with the skin."has been added

"Wear protective clothing (blouse / apron type) compliant with standard NF EN13034."has been added

"Do not inhale gases, fumes and aerosols."has been added

"Before handling, wear side-shielding goggles conforming to standard NF EN166."has been added

"If the product is sprayed, wear a face shield conforming to standard NF EN166."has been added

"It is recommended that lens wearers encourage the wearing of prescription glasses (under safety glasses) when handling this product."has been added

"Provide eye fountains in the workshops where the preparation is handled."has been added

"Use suitable protective gloves resistant to chemical agents, in accordance with standard NF EN374."has been added

"The protective gloves must be chosen according to the work station: other chemicals that can be handled, physical protection necessary (cut, puncture, thermal protection), dexterity required."has been added

"Wear protective clothing and waterproof boots kept in good condition and cleaned frequently."has been added

"In the event of prolonged contact, wear protective boots or half-boots against chemical risk in accordance with standard NF EN13832-2."has been added

"Protective creams may be used for exposed areas of the skin. However, they should not be applied directly after contact with the product without prior medical advice."has been added

"Filters-gas (combined and assisted ventilation)."has been added

"Use solvent resistant gloves."has been added

"Components showing threshold values to be monitor through a workstation:"has been deleted

"Wearing glasses does not constitute protection."has been deleted

"When workers are facing concentrations above the exposure limit, they must wear appropriate and approved masks (with adapted cartridge)."has been deleted

"Avoid contact with the skin."has been deleted

"Type gloves recommended: butyl rubber, synthetic rubber, neoprene, nitrile, PVC."has been deleted

"Avoid contact with the skin."has been deleted

"Wear protective clothing (blouse / apron type) compliant with standard NF EN13034."has been deleted

"Do not inhale gases, fumes and aerosols."has been deleted

"Before handling, wear side-shielding goggles conforming to standard NF EN166."has been deleted

"If the product is sprayed, wear a face shield conforming to standard NF EN166."has been deleted

"It is recommended that lens wearers encourage the wearing of prescription glasses (under safety glasses) when handling this product."has been deleted

"Provide eye fountains in the workshops where the preparation is handled."has been deleted

"Use suitable protective gloves resistant to chemical agents, in accordance with standard NF EN374."has been deleted

"The protective gloves must be chosen according to the work station: other chemicals that can be handled, physical protection necessary (cut, puncture, thermal protection), dexterity required."has been deleted

"Wear protective clothing and waterproof boots kept in good condition and cleaned frequently."has been deleted

"In the event of prolonged contact, wear protective boots or half-boots against chemical risk in accordance with standard NF EN13832-2."has been deleted

"Protective creams may be used for exposed areas of the skin. However, they should not be applied directly after contact with the product without prior medical advice."has been deleted

"Filters-gas (combined and assisted ventilation)."has been deleted

"Use solvent resistant gloves."has been deleted

16.4. Bibliographical references:

None

This sheet complements the technical instructions for use but it does not replace them. The information that it contains is based on the actual state of our knowledge pertaining to the product concerned, on the date of update. It is provided in good faith. The attention of the users is also drawn to the risks possibly incurred when a product is used for purposes other than those for which it is intended. It does not, in any way, exempt the user from knowing and applying the texts regulating its activity. The user should take the precautions related to the use that he/she makes of the product, known to it, under his/her sole responsibility. All the mentioned regulatory requirements merely intended to help the recipient to fulfil the obligations incumbent upon him/her when using a hazardous product. This list should not be considered exhaustive. It does not exempt the user from ensuring that no other obligations are incumbent upon him/her owing to the texts other than those cited and govern the possession and use of the product, for which he/she is solely responsible. The information provided in this sheet is required under the order of 21/02/90 and must be regarded as a description of the safety requirements relating to our product and not as a guarantee of the properties of the same.

End of the document