SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING 1.1. Product identifier Product name : BUILDING DEGRISEUR BOIS Product code : 30459 1.2. Relevant identified uses of the substance or mixture and uses advised against Cleaning product Wood 1.3. Details of the supplier of the safety data sheet Registered company name : IPC - SA. Address : 10 quai MALBERT - CS 71821 .29218.BREST Cedex 2.FRANCE. Telephone : 0298809172. Fax : 0298442253. ipc@ipc-sa.com www.ipc-sa.com 1.4. Emergency telephone number : +32 70 245 245. Association/Organisation : ANTIGIFCENTRUM . SECTION 2 : HAZARDS IDENTIFICATION 2.1. Classification of the substance or mixture In compliance with EC regulation No. 1272/2008 and its amendments. Skin corrosion, Category 1A (Skin Corr. 1A, H314).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

Mixture for spray application.

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS05	
Signal Word :	
DANGER	
Hazard statements :	
H314	Causes severe skin burns and eye damage.
Precautionary statements - Prevention :	
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statements - Response :	
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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 POISON CENTER or a doctor.
P321	In case of visiting a doctor, show the MSDS.
P363	Wash contaminated clothing before reuse.
Precautionary statements - Disposal :	
P501	Dispose of contents/container to a centre for harmful waste.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :			
Identification	(EC) 1272/2008	Note	%
INDEX: 607_006_00_8	GHS07	[1]	10 <= x % < 25
CAS: 144-62-7	Wng		
EC: 205-634-3	Acute Tox. 4, H302		
	Acute Tox. 4, H312		
OXALIC ACID			
INDEX: GI000138.1		[1]	2.5 <= x % < 10
CAS: 34590-94-8			
EC: 252-104-2			
DIPROPYLENE GLYCOL MONOMETHYL			
ETHER			
INDEX: BIF AMMONIUM	GHS06, GHS05		0 <= x % < 1
CAS: 1341-49-7	Dgr		
EC: 215-676-4	Acute Tox. 3, H301		
REACH: 01-2119489180-38-xxxx	Skin Corr. 1B, H314		
	STOT SE 3, H335		
BIFLUORIRE D'AMMONIUM			
INDEX: 603-024-00-5	GHS02, GHS08, GHS07	D	0 <= x % < 1
CAS: 123-91-1	Dgr	[1]	
EC: 204-661-8	Flam. Liq. 2, H225	[2]	
	Carc. 2, H351		
1,4-DIOXANE	Eye Irrit. 2, H319		
	STOT SE 3, H335		
	EUH:019-066		

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation :

Move victims into fresh air.

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin :

Remove any soiled or splashed clothing immediately.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

Wash with water and soap. if any sign/symptom develops seek for medical assistance.

In the event of swallowing :

Do not give the patient anything orally.

Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- multipurpose ABC powder

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)

- carbon dioxide (CO2)

- fluorine (F2)

5.3. Advice for firefighters

Refresh with water the closed containers exposed to fire. Remove all sources of ignition.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Neutralise with an alkaline decontaminant, such as an aqueous solution of sodium carbonate or similar.

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- European Union (2017/164/UE, 2009/161/UE, 2006/15/CE, 2000/39/CE, 98/24/CE)

CAS	VME-mg	/m3 : VME-ppn	n: VLE-mg	/m3 : VLE-pp	om : Notes :	
144-62-7	1	-	-	-	-	
34590-94-8	308	50	-	-	Peau	
123-91-1	73	20	-	-	-	

- ACGIH TLV (American Confer	ence of Governn	nental Industrial	Hygienists, Th	reshold Limit	Values, 2010) :
CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :	

144-62-7	1 mg/m3	2 mg/m3			
34590-94-8	100 ppm	150 ppm		Skin	
123-91-1	20 ppm			Skin; A3	
- Germany - AGW	/ (BAuA - TRG	S 900, 21/06/	2010) :		
CAS	VME ·	VME ·	Excess	Notes	

CAS	VIVIE:	VIVIE:	Excess	notes	
144-62-7		1 E mg/m3		1(I)	
34590-94-8		50 ppm		1()	
		310 mg/m3			
123-91-1		20 ppm		2()	
		73 mg/m3			

- France (INRS - ED984 :2012) :

CAS	VME-ppm :	VME-mg/m3:	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
144-62-7	-	1	-	-	-	-
34590-94-8	50	308	-	-	*	84
123-91-1	20	73	40	140	C2	84

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

Workers.

Dermal contact.

Inhalation.

Ingestion.

Long term systemic effects.

65 mg/kg body weight/day

Long term systemic effects.

Long term systemic effects.

Long term systemic effects.

15 mg/kg body weight/day

Long term systemic effects.

37.2 mg of substance/l

1.67 mg/kg body weight/day

310 mg of substance/m3

Consumers.

Dermal contact.

Inhalation.

Fresh water.

1.3 mg/l

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
144-62-7	1 mg/m3	2 mg/m3			
34590-94-8	50 ppm			Sk	
	308 mg/m3				
123-91-1	25 ppm	100 ppm		Sk	
	91 mg/m3	366 mg/m3			

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS: 34590-94-8)

Final use:

Exposure method: Potential health effects: DNEL:

Exposure method: Potential health effects: DNEL:

Final use:

Exposure method: Potential health effects: DNEL:

Exposure method: Potential health effects: DNEL:

Exposure method: Potential health effects: DNEL:

Predicted no effect concentration (PNEC):

BIFLUORIRE D'AMMONIUM (CAS: 1341-49-7) Environmental compartment: Soil. PNEC : 22 mg/kg

Environmental compartment: PNEC :

Environmental compartment: PNEC:

Waste water treatment plant. 76 mg/l

DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS: 34590-94-8) Environmental compartment: Soil. PNEC : 2.74 mg/kg

Environmental compartment: PNEC :

Environmental compartment: PNEC :

Environmental compartment: PNEC :

Fresh water. 19 mg/l

Sea water. 1.9 mg/l

Intermittent waste water. 190 mg/l

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Environmental compartment: PNEC :

Environmental compartment: PNEC :

Environmental compartment: PNEC :

Fresh water sediment. 70.2 mg/kg

Marine sediment. 7.02 mg/kg

Waste water treatment plant. 4168 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

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

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

When spraying, wear a face shield in accordance with standard EN166.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)
- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- Recommended properties :
- Impervious gloves in accordance with standard EN374

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

Wear suitable protective clothing, in particular overalls and boots. These items must be kept in good condition and cleaned after use.

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

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Work clothing v	worn by personne	el shall be laund	lered regularly.
work crouning v	worm by personing	of shall be fault	lefed fegularly.

After contact with the product, all parts of the body that have been soiled must be washed.

- Respiratory protection

In case of vapour/aerosol/spray mists, wear an adapted personal respiratory protection.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Fluid liquid.
2.00 +/-0.5.
Strongly acidic.
Not specified.
Not relevant.
Not relevant.
>1
Method for determining the density :
ISO 3507 (Laboratory glassware - Pycnometers
Soluble.
14 mm2/s < v <= 20,5 mm2/s (40°C)
Not specified.
Not specified.
Not specified.

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :

- frost

10.5. Incompatible materials

Keep away from :

- bases

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO2)
- fluorine (F2)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

May cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following exposure for up to three minutes.

Corrosive reactions are typified by ulcers, bleeding, bloody scabs, and, by the end of observation at 14 days, by discolouration due to blanching of the skin, complete areas of alopecia, and scars.

11.1.1. Substances

	toxicity	
A CHITA	tovicity	•
Acute	UNICITY	•

Acute toxicity :	
BIFLUORIRE D'AMMONIUM (CAS: 1341-49-7)	
Oral route :	LD50 = 130 mg/kg Species : Rat
Dermal route :	LD50 > 375 mg/kg Species : Rat Other guideline
DIPROPYLENE GLYCOL MONOMETHYL ETH Oral route :	IER (CAS: 34590-94-8) LD50 > 5000 mg/kg Species : Rat
Dermal route :	LD50 = 9.510 mg/kg Species : Rabbit
OXALIC ACID (CAS: 144-62-7)	
Oral route :	LD50 = 500 mg/kg Species : Rat
Dermal route :	LD50 = 1100 mg/kg Species : Rat
Skin corrosion/skin irritation :	
BIFLUORIRE D'AMMONIUM (CAS: 1341-49-7)	
Corrosivity :	Causes severe skin burns.
Germ cell mutagenicity :	
BIFLUORIRE D'AMMONIUM (CAS: 1341-49-7)
	No mutagenic effect.
Carcinogenicity :	
BIFLUORIRE D'AMMONIUM (CAS: 1341-49-7))
Carcinogenicity Test :	Negative. No carcinogenic effect.
Reproductive toxicant :	
BIFLUORIRE D'AMMONIUM (CAS: 1341-49-7) No toxic effect for reproduction)
11.1.2. Mixture	
Skin corrosion/skin irritation :	

Corrosive classification is based on an extreme pH value.

12.1. Toxicity	
12.1.1. Substances	
BIFLUORIRE D'AMMONIUM (CAS:	
Fish toxicity :	EC50 mg/l
	Species : Salmo gairdneri
	Duration of exposure : 96 h
	NOEC = 4 mg/l
Crustacean toxicity :	EC50 mg/l
	Species : Daphnia magna
	Duration of exposure : 48 h
	NOEC = 8.9 mg/l
	Species : Daphnia magna
	Duration of exposure : 21 days
Algae toxicity :	EC50 mg/l
5	Duration of exposure : 96 h
DIPROPYLENE GLYCOL MONOME	THYLETHER (CAS: 34590-94-8)
Fish toxicity :	LC50 = 10000 mg/l
	Species : Leuciscus idus
	Duration of exposure : 48 h
Crustacean toxicity :	EC50 = 1919 mg/l
	Species : Daphnia magna
	Duration of exposure : 48 h
OXALIC ACID (CAS: 144-62-7)	
Fish toxicity :	LC50 = 160 mg/l
	Species : Leuciscus idus
	Duration of exposure : 48 h
Crustacean toxicity :	EC50 = 136.9 mg/l
-	Species : Daphnia magna
	Duration of exposure : 48 h
2.1.2. Mixtures	
No aquatic toxicity data available for the m	nixture.
12.2. Persistence and degradability	
12.2.1. Substances	
BIFLUORIRE D'AMMONIUM (CAS:	
Biodegradability :	no degradability data is available, the substance is considered as not degrac quickly.
OXALIC ACID (CAS: 144-62-7)	
Biodegradability :	Rapidly degradable.
	DBO5/DCO = 0.89

DIPROPYLENE GLYCOL MONOMETHYL ET Chemical oxygen demand : Biodegradability :	HER (CAS: 34590-94-8) DCO = 0.00202 g/g Rapidly degradable.
12.3. Bioaccumulative potential	
12.3.1. Substances	
DIPROPYLENE GLYCOL MONOMETHYL ET	HER (CAS: 34590-94-8)
Octanol/water partition coefficient :	$\log \operatorname{Koe} < 3.$
	Other guideline
OXALIC ACID (CAS: 144-62-7)	
Octanol/water partition coefficient :	$\log \text{Koe} = -0.81$
	2
Bioaccumulation :	BCF = 0.6
12.4. Mobility in soil	
No data available	
12.5. Results of PBT and vPvB assessment	
No data available.	
12.6. Other adverse effects	

No data available.

German regulations concerning the classification of hazards for water (WGK) :

WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

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

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13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste) :

20 01 29 * detergents containing dangerous substances

SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2017 - IMDG 2016 - ICAO/IATA 2017).

14.1. UN number

3265

14.2. UN proper shipping name

UN3265=CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (bifluorire d'ammonium)

E2

A3 A803

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14.3. Transport hazard class(es)



14.4. Packing group

II

14.5. Environmental hazards

14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	8	C3	II	8	80	1 L	274	E2	2	E
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ			
	8	-	II	1 L	F-A,S-B	274	E2			
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ	
	8	-	II	851	1 L	855	30 L	A3	E2	
								A803		

0.5 L

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

Y840

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Π

No data available.

8

SECTION 15 : REGULATORY INFORMATION

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2016/1179. (ATP 9)
- Container information:
- No data available.
- Particular provisions :
- No data available.
- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :
- less than 5 % : nonionic surfactants
- German regulations concerning the classification of hazards for water (WGK) : WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H302 + H312	Harmful if swallowed or in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
EUH019	May form explosive peroxides.
EUH066	Repeated exposure may cause skin dryness or cracking.

Abbreviations :

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

CMR: Carcinogenic, mutagenic or reprotoxic.

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 Organisation

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

WGK : Wassergefahrdungsklasse (Water Hazard Class).

GHS05 : Corrosion

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.