



WOOD FINISHES DIRECT

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For purchasing information visit:
[PeelAway 1 and 7 Sample Twin Pack](#)

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

1.1. Product identifier

Product form : Mixture
Name : Peelaway 1
Product code : PEA1GEN

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 : Consumer use, Industrial use, Professional use
Use of the substance/mixture : Paint, Varnish & Graffiti Remover

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Barrettine
Barrettine Works
St Ivel Way
Warmley
Bristol
BS30 8TY

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Fax: +44 (0) 1179 352437

Email: sales@barrettine.co.uk

1.4. Emergency telephone number

Emergency number : +44 (0) 1270 502891 (Out of Office Hours Emergency Number)

Country	Organisation/Company	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964
United Kingdom	National Poisons Information Service (NHS Direct)	http://www.npis.org	111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin Corr. 1A H314

STOT SE 3 H335

Full text of classification categories and H statements : see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

C; R35

Xi; R37

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

May cause respiratory irritation. Causes severe skin burns and eye damage.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05



GHS07

Signal word (CLP)	: Danger
Hazardous ingredients	: Sodium hydroxide, calcium hydroxide
Hazard statements (CLP)	: H314 - Causes severe skin burns and eye damage H335 - May cause respiratory irritation
Precautionary statements (CLP)	: P102 - Keep out of reach of children P260 - Do not breathe dust, fume, vapours P264 - Wash hands and other exposed areas thoroughly after handling P280 - Wear eye protection, face protection, protective clothing, protective gloves P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing 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 P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
calcium hydroxide	(CAS No) 1305-62-0 (EC no) 215-137-3	30 - 50	Xi; R41 Xi; R37/38
Sodium hydroxide	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6 (REACH-no) 01-2119457892-27-XXXX	5 - 30	C; R35

Name	Product identifier	Specific concentration limits
Sodium hydroxide	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6 (REACH-no) 01-2119457892-27-XXXX	(0,5 =< C < 2) Xi; R36/38 (2 =< C < 5) C; R34 (C >= 5) C; R35

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
calcium hydroxide	(CAS No) 1305-62-0 (EC no) 215-137-3	30 - 50	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Sodium hydroxide	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6 (REACH-no) 01-2119457892-27-XXXX	5 - 30	Skin Corr. 1A, H314

Name	Product identifier	Specific concentration limits
Sodium hydroxide	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6 (REACH-no) 01-2119457892-27-XXXX	(0,5 =< C < 2) Eye Irrit. 2, H319 (0,5 =< C < 2) Skin Irrit. 2, H315 (2 =< C < 5) Skin Corr. 1B, H314 (C >= 5) Skin Corr. 1A, H314

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Wash with plenty of soap and water. Wash contaminated clothing before reuse. Get medical advice/attention. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : Caustic burns/corrosion of the skin. Burns.

Symptoms/injuries after eye contact : Inflammation/damage of the eye tissue. Serious damage to eyes.

Symptoms/injuries after ingestion : Burns.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust, fume, vapours.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Recover mechanically the product.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Do not breathe dust, fume, vapours. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Sodium hydroxide (1310-73-2)		
Austria	Local name	Natriumhydroxid
Austria	MAK (mg/m ³)	2 mg/m ³
Austria	MAK Short time value (mg/m ³)	4 mg/m ³
Belgium	Local name	Sodium (hydroxyde de)
Belgium	Limit value (mg/m ³)	2 mg/m ³

Sodium hydroxide (1310-73-2)		
Belgium	Remark (BE)	M
Bulgaria	Local name	Натриева основа (алкални аерозоли)
Bulgaria	OEL TWA (mg/m ³)	2 mg/m ³
Croatia	Local name	Natrijev hidroksid; (kaustična soda)
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	2 mg/m ³
Croatia	Naznake (HR)	C
Czech Republic	Local name	Hydroxid sodný
Czech Republic	Expoziční limity (PEL) (mg/m ³)	1 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	2 mg/m ³
Denmark	Local name	Natriumhydroxid
Denmark	Grænseværdie (langvarig) (mg/m ³)	2 mg/m ³
Denmark	Anmærkninger (DK)	L
Estonia	Local name	Naatriumhüdroksiid
Estonia	OEL TWA (mg/m ³)	1 mg/m ³
Estonia	OEL STEL (mg/m ³)	2 mg/m ³
Finland	Local name	Natriumhydroksidi
Finland	HTP-arvo (15 min)	2 mg/m ³
France	Local name	Sodium (hydroxyde de)
France	VME (mg/m ³)	2 mg/m ³
Greece	OEL TWA (mg/m ³)	2 mg/m ³
Greece	OEL STEL (mg/m ³)	2 mg/m ³
Hungary	Local name	NÁTRIUM-HIDROXID
Hungary	AK-érték	2 mg/m ³
Hungary	CK-érték	2 mg/m ³
Hungary	Megjegyzések (HU)	m; l.
Ireland	Local name	Sodium hydroxide
Ireland	OEL (15 min ref) (mg/m ³)	2 mg/m ³
Latvia	Local name	Nātrijahidroksīds (nātrijasārms, kaustiskāsoda)
Latvia	OEL TWA (mg/m ³)	0,5 mg/m ³
Lithuania	Local name	Natrio hidroksidas
Lithuania	NRV (mg/m ³)	2 mg/m ³
Lithuania	Remark (LT)	Ū
Poland	Local name	Wodorotlenek sodu
Poland	NDS (mg/m ³)	0,5 mg/m ³
Poland	NDSch (mg/m ³)	1 mg/m ³
Portugal	Local name	Hidróxido de sódio
Portugal	OEL - Ceilings (mg/m ³)	2 mg/m ³
Romania	Local name	Hidroxizi alcalini exprimati în hidroxid de sodium
Romania	OEL TWA (mg/m ³)	1 mg/m ³
Romania	OEL STEL (mg/m ³)	3 mg/m ³
Slovenia	Local name	natrijev hidroksid
Slovenia	OEL TWA (mg/m ³)	2 mg/m ³
Slovenia	OEL STEL (mg/m ³)	2 mg/m ³
Spain	Local name	Hidróxido de sodio
Spain	VLA-EC (mg/m ³)	2 mg/m ³
Sweden	Local name	Sodium hydroxide inhalable dust
Sweden	nivågränsvärde (NVG) (mg/m ³)	2 mg/m ³

Sodium hydroxide (1310-73-2)		
United Kingdom	Local name	Sodium hydroxide
United Kingdom	WEL STEL (mg/m ³)	2 mg/m ³
Iceland	Local name	Natríumhýdroxíð (vítissóti)
Iceland	OEL (15 min ref) (mg/m ³)	2 mg/m ³
Norway	Local name	Natriumhydroksid
Norway	Grenseverdier (AN) (mg/m ³)	2 mg/m ³
Norway	Merknader (NO)	T
Switzerland	Local name	Soude caustique
Switzerland	VME (mg/m ³)	2 mg/m ³
Switzerland	VLE (mg/m ³)	2 mg/m ³
Switzerland	Remark (CH)	15 min
Australia	Local name	Sodium hydroxide
USA - ACGIH	Local name	Sodium hydroxide
USA - ACGIH	ACGIH Ceiling (mg/m ³)	2 mg/m ³
USA - ACGIH	Remark (ACGIH)	URT, eye, & skin irr
USA - OSHA	Local name	Sodium hydroxide
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	2 mg/m ³
calcium hydroxide (1305-62-0)		
EU	IOELV TWA (mg/m ³)	5 mg/m ³ (Calcium dihydroxide; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)
Belgium	Limit value (mg/m ³)	5 mg/m ³ (Calcium (hydroxyde de); Belgium; Time-weighted average exposure limit 8 h)
France	VME (mg/m ³)	5 mg/m ³ (Calcium (hydroxyde de); France; Time-weighted average exposure limit 8 h; VL: Valeur non réglementaire indicative)
Netherlands	Grenswaarde TGG 8H (mg/m ³)	5 mg/m ³ (Calciumdihydroxide; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value)
United Kingdom	WEL TWA (mg/m ³)	5 mg/m ³ Calcium hydroxide; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
USA - ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³ (Calcium hydroxide; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)

8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station. Provide adequate general and local exhaust ventilation.
Personal protective equipment	: Protective clothing. Protective goggles. Gloves.
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended



Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Paste.

Colour	: Off-white.
Odour	: characteristic.
Odour threshold	: No data available
pH	: > 13
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Density	: 1.22 – 1.24 Kg/Ltr
Solubility	: Soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

The product is stable at normal handling and storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity : Not classified

calcium hydroxide (1305-62-0)

LD50 dermal rabbit	> 2500 mg/kg bodyweight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)
Skin corrosion/irritation	: Causes severe skin burns and eye damage. pH: > 13
Serious eye damage/irritation	: Serious eye damage, category 1, implicit pH: > 13
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

Specific target organ toxicity (single exposure) : May cause respiratory irritation.
 Specific target organ toxicity (repeated exposure) : Not classified
 Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

Sodium hydroxide (1310-73-2)	
LC50 fish 1	45,4 mg/l (LC50; Other; 96 h; Salmo gairdneri; Static system; Fresh water; Experimental value)
EC50 other aquatic organisms 1	48h 40,4 mg/l Crustaceans; Warne, M.S.J., and A.D. Schifko 1999. Toxicity of Laundry Detergent Components to a Freshwater Cladoceran and Their Contribution to Detergent Toxicity. Ecotoxicol.Environ.Saf. 44(2):196-206

calcium hydroxide (1305-62-0)	
EC50 Daphnia 1	49,1 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
Threshold limit algae 1	184,57 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)

12.2. Persistence and degradability

Sodium hydroxide (1310-73-2)	
Persistence and degradability	Biodegradability: Not applicable. No (test)data available on mobility of the substance.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable

calcium hydroxide (1305-62-0)	
Persistence and degradability	Biodegradability: Not applicable. Adsorbs into the soil.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable

12.3. Bioaccumulative potential

Sodium hydroxide (1310-73-2)	
Bioaccumulative potential	Bioaccumulation: No data available.

calcium hydroxide (1305-62-0)	
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available






SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
 Waste disposal recommendations : Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations.
 Ecology - waste materials : Avoid release to the environment.
 European List of Waste (LoW) code : 20 01 29* - detergents containing dangerous substances
 H code : H8 - 'Corrosive': substances and preparations which may destroy living tissue on contact.


SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1823	1823	1823	1823	1823
14.2. UN proper shipping name				
SODIUM HYDROXIDE, SOLID	SODIUM HYDROXIDE, SOLID	Sodium hydroxide, solid	SODIUM HYDROXIDE, SOLID	SODIUM HYDROXIDE, SOLID
Transport document description				
UN 1823 SODIUM HYDROXIDE, SOLID, 8, II, (E)	UN 1823 SODIUM HYDROXIDE, SOLID, 8, II			
14.3. Transport hazard class(es)				
8	8	8	8	8
				
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR)	: C6
Limited quantities (ADR)	: 1kg
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P002, IBC08
Special packing provisions (ADR)	: B4
Mixed packing provisions (ADR)	: MP10
Portable tank and bulk container instructions (ADR)	: T3
Portable tank and bulk container special provisions (ADR)	: TP33
Tank code (ADR)	: SGAN
Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V11
Hazard identification number (Kemler No.)	: 80
Orange plates	: 
Tunnel restriction code (ADR)	: E
EAC code	: 2W

14.6.2. Transport by sea

Limited quantities (IMDG)	: 1 kg
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P002
IBC packing instructions (IMDG)	: IBC08
IBC special provisions (IMDG)	: B2, B4
Tank instructions (IMDG)	: T3

Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: A

14.6.3. Air transport

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y844
PCA limited quantity max net quantity (IATA)	: 5kg
PCA packing instructions (IATA)	: 859
PCA max net quantity (IATA)	: 15kg
CAO packing instructions (IATA)	: 863
CAO max net quantity (IATA)	: 50kg
ERG code (IATA)	: 8L

14.6.4. Inland waterway transport

Classification code (ADN)	: C6
Limited quantities (ADN)	: 1 kg
Excepted quantities (ADN)	: E2
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 0
Carriage prohibited (ADN)	: No
Not subject to ADN	: No

14.6.5. Rail transport

Classification code (RID)	: C6
Limited quantities (RID)	: 1kg
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P002, IBC08
Special packing provisions (RID)	: B4
Mixed packing provisions (RID)	: MP10
Portable tank and bulk container instructions (RID)	: T3
Portable tank and bulk container special provisions (RID)	: TP33
Tank codes for RID tanks (RID)	: SGAN
Transport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W11
Colis express (express parcels) (RID)	: CE10
Hazard identification number (RID)	: 80
Carriage prohibited (RID)	: No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU-Regulations**

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

CESIO recommendations : 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.

15.1.2. National regulations**Germany**

Water hazard class (WGK) : 1 - low hazard to waters
WGK remark : Classification water polluting based on the components in compliance with
Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of R-, H- and EUH-statements:	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation
R35	Causes severe burns
R37	Irritating to respiratory system
R37/38	Irritating to respiratory system and skin
R41	Risk of serious damage to eyes
C	Corrosive
Xi	Irritant

SDS EU_NSC

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.