



# SAFETY DATA SHEET

Issuing Date: 13-Nov-2015

Revision Date: 13-Nov-2015

Version 1.02

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product ID: PA00183096\_BULK\_CLP

Product Name Braun Clean & Renew

Synonyms (GCAS 60840141)

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

Recommended use PC19 - Intermediate

Uses advised against No information available.

Sector of use SU10 - Formulation [mixing] of preparations and/or re-packaging

Product category SU 3 - Industrial uses

### 1.3 Details of the supplier of the safety data sheet

Manufacturer Procter & Gamble Company

For further information, please contact: pgsds.im@pg.com

### 1.4 Emergency Telephone Number

**Emergency Telephone** EUROPE: CONTACT CHEMTREC (24 hr) +(41) 22 58 004 8213 (day phone); BELGIUM: Centre Antipoison/ Antigifcentrum: 070/245.245 BENELUX FR: Centre Antipoison 070/245.245, Chemtrec: +(32)-28083237; BULGARIA: +359 2 9154 409; CZECH REPUBLIC: Chemtrec +(420)-228880039; DENMARK: Alarmcentralen, telefon 112 (Giftlinjen: 82 12 12 12); ESTONIA: 16662; FINLAND: Myrkytystietokeskus, Puhelin 09-471 977; FRANCE: Chemtrec +(33)-975181407; N° d'appel d'urgence Orfila : 01 45 42 59 59; GERMANY: Chemtrec 0800-181-7059; +49 (0) 6131-232466 (24h); GREECE: Τηλ. Κέντρου Δηλητηριάσεων: 210-7793777; HUNGARY: Chemtrec +(36)-18088425; 06 80 20 11 99; IRELAND: 1800 509 497; ITALY: Chemtrec 800-789-767; Numero di emergenza: 06 50971; LATVIA: Ārkārtas situācijās zvanīt uz Saindēšanās informācijas centru - tel. 67042473; LITHUANIA: (8 5) 236 20 52; NETHERLANDS: Chemtrec +(31)-858880596; Nationaal Vergiftigingen Informatie Centrum: Tel. 030 - 2748888 (Uitsluitend voor een behandelde arts bereikbaar in geval van accidentele vergiftigingen); NORWAY: Nødnummer: 113 (Giftinformasjonssentralen, telefon 22 59 13 00) POLAND: Chemtrec +(48)-223988029; tel. alarmowy 112 lub 801 25 88 25 (poniedziałek – piątek, godz. 8:30 -17); PORTUGAL: Tel. emergência CIAV: 808 250 143; RUSSIA Chemtrec 8-800-100-6346; ROMANIA: 021 3183606 SLOVAKIA: Toxikologické informačné centrum +421 2 5477 4166; SPAIN: Chemtrec 900-868538; 91. 722. 21.00; SWEDEN: Chemtrec +(46)-852503403; Giftinformationscentralen, telefon 112.; SWITZERLAND: 145 (24h); TURKEY: 0 800 261 63 65 – 0 216 463 80 00; UK: Chemtrec +(44)-870-8200418; 0800

328 8304

## 2. HAZARD IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### GHS / CLP - Regulation (EC) No 1272/2008

Serious eye damage/eye irritation Category 2 - (H319)  
 Flammable Liquids Category 2 - (H225)

For the full text of the H-Statements mentioned in this Section, see Section 16.

### 2.2 Label elements

#### Classification of mixtures according to regulation 1272/2008

##### Hazard pictograms



##### Signal Word

DANGER

##### Hazard Statements

H319 - Causes serious eye irritation  
 H225 - Highly flammable liquid and vapor

##### Precautionary Statements

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

### 2.3 Other hazards

#### Other hazards

None.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not Applicable.

### 3.2 Mixtures

Chemical Name	CAS-No	EC-No	REACH Registration No	Weight %	GHS / CLP Classification 1272/2008 [CLP]	Acute M Factor	Chronic M Factor
Ethanol	64-17-5	200-578-6	-	> 50	Flam. Liq. 2(H225) Eye Irrit. 2(H319)		
Propanol	71-23-8	200-746-9	-	1 - 3	Flam. Liq. 3(H226) Eye Dam. 1(H318) STOT SE 3(H336)		

For the full text of the H-Statements mentioned in this Section, see Section 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first-aid measures

<b>Skin contact</b>	IF ON SKIN: Wash with plenty of soap and water If skin irritation or rash occurs: Get medical advice/attention
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
<b>Ingestion</b>	IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. If exposed or concerned: Get medical advice/attention
<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing If exposed or concerned: Get medical advice/attention

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

<b>Main Symptoms</b>	May cause eye irritation
----------------------	--------------------------

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

<b>Notes to Physician</b>	Refer to section 4.1.
---------------------------	-----------------------

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Dry chemical. Alcohol-resistant foam. Carbon dioxide (CO <sub>2</sub> ).
-------------------------------------	--

**Extinguishing media which shall not be used for safety reasons** Water.

### 5.2 Special hazards arising from the substance or mixture

<b>Special hazard</b>	Containers may explode when heated Keep containers and surroundings cool with water spray
-----------------------	--

### 5.3 Advice for firefighters

<b>Special protective equipment for fire-fighters</b>	Dike fire-control water for later disposal. Fight fire with normal precautions from a reasonable distance. P371 + P380 + P375 - In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
---	--

<b>Protective equipment and precautions for firefighters</b>	Do not allow run-off from fire fighting to enter drains or water courses
--	--

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

<b>Advice for emergency responders</b>	In the case of vapor formation use a respirator with an approved filter
--	---

### 6.2 Environmental precautions

<b>Environmental precautions</b>	Do not discharge product into natural waters without pre-treatment or adequate dilution. Should not be released into the environment.
----------------------------------	--

**6.3 Methods and materials for containment and cleaning up**

<b>Methods for containment</b>	Contain the spill. The product should not be allowed to enter drains, water courses or the soil.
<b>Methods for cleaning up</b>	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
<b>Other information</b>	<b>Manufacturing Sites:</b> Eliminate all ignition sources if safe to do so

**6.4 Reference to other sections**

<b>Other information</b>	Refer to protective measures listed in Sections 7 and 8.
--------------------------	--

**7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

<b>Advice on safe handling</b>	<b>Manufacturing Sites:</b> Clean up spill immediately Do not allow to enter into surface water or drains Empty containers should be taken for local recycling, recovery or waste disposal Wash hands thoroughly after handling Wash contaminated clothing before reuse Use personal protective equipment as required Keep away from heat, sparks and open flame. No smoking Ground/bond container and receiving equipment Use only non-sparking tools
--------------------------------	---

**7.2 Conditions for safe storage, including any incompatibilities**

<b>Technical measures/Storage conditions</b>	<b>Manufacturing Sites:</b> Use explosion-proof electrical/ventilating/lighting/equipment
<b>Storage Conditions</b>	<b>Manufacturing Sites:</b> Keep containers tightly closed in a cool, well-ventilated place

**7.3. Specific end use(s)**

<b>Specific end uses</b>	Not Applicable
--------------------------	----------------

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****Exposure Guidelines**

Chemical Name	CAS-No	Austria	Belgium	Bulgaria	Czech Republic	Denmark
Propanol	71-23-8	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	TWA 100 ppm TWA 250 mg/m <sup>3</sup>	STEL: 500.0 mg/m <sup>3</sup> TWA: 300.0 mg/m <sup>3</sup>	Ceiling: 1000 mg/m <sup>3</sup> TWA: 500 mg/m <sup>3</sup> Skin	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> Skin
Chemical Name	CAS-No	Estonia	European Union	Finland	France	Germany
Propanol	71-23-8	STEL: 250 ppm STEL: 600 mg/m <sup>3</sup> TWA: 150 ppm TWA: 350 mg/m <sup>3</sup>	-	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 250 ppm STEL: 620 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	-
Chemical Name	CAS-No	Greece	Israel - Occupational Exposure Limits - TWAs	Ireland	Italy	Italy-ACGIH TLV
Propanol	71-23-8	TWA 200 ppm TWA 500 mg/m <sup>3</sup>	100ppmTWA	TWA: 100 ppm STEL: 300 ppm	-	

					Skin		
Chemical Name	CAS-No	Latvia	Lithuania		Norway	Poland	Portugal
Propanol	71-23-8	TWA: 10 mg/m³	-		TWA: 100 ppm TWA: 245 mg/m³ Skin STEL: 100 ppm STEL: 245 mg/m³	STEL: 600 mg/m³ TWA: 200 mg/m³	STEL: 400 ppm TWA: 200 ppm
Chemical Name	CAS-No	Romania	Slovakia		Slovenia	Spain	Sweden
Propanol	71-23-8	TWA: 81 ppm TWA: 200 mg/m³ STEL: 203 ppm STEL: 500 mg/m³	-		-	S* STEL: 400 ppm STEL: 1000 mg/m³ TWA: 200 ppm TWA: 500 mg/m³	-
Chemical Name	CAS-No	Switzerland	The Netherlands	The United Kingdom	Singapore	Turkey	Thailand
Propanol	71-23-8	Skin TWA: 200 ppm TWA: 500 mg/m³	-	STEL: 250 ppm STEL: 625 mg/m³ TWA: 200 ppm TWA: 500 mg/m³ Skin	STEL: 250 ppm STEL: 614 mg/m³ PEL: 200 ppm PEL: 492 mg/m³		

**Derived No Effect Level (DNEL)****Workers**

Chemical Name	Acute Systemic Effect - Skin Contact	Acute Systemic Effect - Inhalation	Acute Local Effect - Skin Contact	Acute Local Effect - Inhalation
Propanol		1723 mg/m <sup>3</sup>		
Chemical Name	Long-term Systemic Effect - Skin Contact	Long-term Systemic Effect - Inhalation	Long-term Local Effect - Skin Contact	Long-term Local Effect - Inhalation
Propanol	136 mg/kg bw/d	268 mg/m <sup>3</sup>		

**Consumers**

Chemical Name	Acute Effect Systemic - Oral	Acute Effect Systemic - Inhalation	Acute Effect Systemic - Dermal
Propanol		1036 mg/m <sup>3</sup>	
Chemical Name	Chronic Effect Systemic - Oral	Chronic Effect Systemic - Inhalation	Chronic Effect Systemic - Dermal
Propanol	61 mg/kg bw/d	80 mg/m <sup>3</sup>	81 mg/kg bw/d

**Predicted No Effect Concentration (PNEC)**

Chemical Name	Fresh Water		Marine sediment	Intermittent Releases	
Propanol	10 mg/L		1 mg/L	10 mg/L	

Chemical Name	Sediment (freshwater)	Sediment (marine)	STP	Soil	air
Propanol	22.8 mg/kg sediment dw	2.28 mg/kg sediment dw	96 mg/L	2.2 mg/kg soil dw	

**8.2 Exposure controls****Engineering Measures****Manufacturing Sites:**

Prevent splashing and leaking of product  
 Use with local exhaust ventilation  
 Ensure adequate ventilation, especially in confined areas

**Personal protective equipment****Eye Protection****Manufacturing Sites:**

Tightly fitting safety goggles

	If splashes are likely to occur, wear: Face-shield
<b>Hand Protection</b>	<b>Manufacturing Sites:</b> Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion
<b>Skin and Body Protection</b>	<b>Manufacturing Sites:</b> Wear protective gloves/clothing
<b>Respiratory Protection</b>	<b>Manufacturing Sites:</b> In case of inadequate ventilation wear respiratory protection
<b>Thermal hazards</b>	Not applicable.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice
<b>Environmental exposure controls</b>	See section 6 for more information.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	
<b>Appearance</b>	colorless	
<b>Odor</b>	Alcohol	
<b>Odor threshold</b>	All our products don't have substances deriving inhalation health risk.	
<b>Property</b>	<b>Values</b>	<b>Note</b>
<b>pH</b>	5.2	
<b>Melting/freezing point</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Boiling point/boiling range</b>	78 °C	
<b>Flash point</b>	12 °C	ISO 3679.
<b>Evaporation rate</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Upper flammability limit</b>	Not available	Not available. This property is not relevant for the safety and classification of this product .
<b>Lower Flammability Limit</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Flammability (solid, gas)</b>	Not available	Not applicable. This property is not relevant for liquid product forms
<b>Vapor pressure</b>	ethanol (60 hPa); n-propanol (26 hPa) Pa	
<b>Vapor density</b>	ethanol (1.03); n-propanol (2.1)	
<b>Relative density</b>	0.7940 g/cm <sup>3</sup> (DIN 51757) (at 20 °C)	
<b>Solubility</b>	Miscible with water	
<b>Partition Coefficient (n-octanol/water)</b>	Not available	This property is not relevant for mixtures
<b>Autoignition temperature</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Decomposition temperature</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Viscosity</b>	1.3 mm <sup>2</sup> /s (DIN EN ISO 3104) mm <sup>2</sup> /s	
<b>Explosive properties</b>	Not applicable	Not applicable. This product does not contain any substance which possesses dust explosible properties.
<b>Oxidizing properties</b>	Not available	Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2) )

**9.2 Other information****10. STABILITY AND REACTIVITY****10.1 Reactivity**

**Reactivity** Flammable liquid and vapor.

**10.2 Chemical stability**

**Stability** Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

**Hazardous polymerization** None under normal processing.

**10.4 Conditions to Avoid**

**Conditions to Avoid** Keep away from open flames, hot surfaces and sources of ignition.

**10.5 Incompatible Materials**

**Materials to avoid** None in particular.

**10.6 Hazardous Decomposition Products**

**Hazardous Decomposition Products** May emit toxic fumes under fire conditions. Sulfur oxides. Nitrogen oxides (NOx).

**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Product Information**

<b>Principle routes of exposure</b>	Eye contact, Skin contact, Inhalation, Ingestion.
<b>Acute toxicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Skin sensitization</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Respiratory sensitization</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Not Classified. Based on the available data, the classification criteria are not met.

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Propanol	71-23-8	-	4032 mg/kg bw (//OECD 402)	> 33.8 mg/L air (//OECD 403)

**12. ECOLOGICAL INFORMATION****12.1 Ecotoxicity**

**Ecotoxicity effects**  
No information available.

**Acute toxicity**

Chemical Name	CAS-No	Toxicity to Fish (LC50)*	Toxicity to algae (EC50)*	Toxicity to daphnia and other aquatic invertebrates (EC50)*	Toxicity to Microorganisms (EC50)*	Toxicity to other organisms
Propanol	71-23-8	4555 mg/L (//OECD 203; Pimephales promelas; 96 h)	9170 mg/L (Pseudokirchneriella subcapitata; 48 h)	1000 mg/L (Gammarus pulex; 48 h)	> 1000 mg/L (//OECD 209; 3 h)	-

\* If different it will be explained in the table

**Chronic Toxicity**

Chemical Name	CAS-No	Toxicity to fish (NOEC or ECx)*	Toxicity to algae (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to other organisms
Propanol	71-23-8		1150 mg/L (Chlorella pyrenoidosa; 2 d)	> 100 mg/L (OECD 211; Daphnia magna; 21 d)		

\* If different it will be explained in the table

**12.2 Persistence and degradability**

Chemical Name	CAS-No	Biodegradation	Hydrolysis t1/2 (half-life)	Half-Life (Photolysis-Atmospheric)
Propanol	71-23-8	75% O <sub>2</sub> ; 20 d; 76% (10 d)		3 d

**12.3 Bioaccumulative potential**

Chemical Name	CAS-No	log Pow	Bioconcentration factor (BCF)
Propanol	71-23-8	0.2	0.88

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment****PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**12.6 Other adverse effects**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods****Waste from Residues / Unused Products**

Disposal should be in accordance with applicable regional, national and local laws and regulations The waste codes/waste designations below are in accordance with EWC

**Contaminated packaging**

15 01 10.

**EWC Waste Disposal No.**

07 06 04



<b>Disposal recommendations</b>	Waste must be delivered to an approved waste disposal company. Waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. For handling waste, see measures described in section 8. Empty, uncleaned packaging need the same disposal considerations as filled packaging.
---------------------------------	---

**13.2 Additional information**

<b>Additional information</b>	No information available
-------------------------------	--------------------------

**14. TRANSPORT INFORMATION****IMDG**

<b>14.1 UN Number</b>	UN1993
<b>14.2 UN Proper shipping name</b>	Flammable liquid, n.o.s.
<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Ethanol, Limonene), , 3, II
<b>14.3 Transport hazard class(es)</b>	3
<b>14.4 Packing Group</b>	II
<b>14.5 Environmental Hazards</b>	Not regulated
<b>EmS-No</b>	F-E, S-E
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available

**IATA**

<b>14.1 UN no</b>	UN1993
<b>14.2 UN Proper shipping name</b>	Flammable liquid, n.o.s.
<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Ethanol, Limonene), 3, II
<b>14.3 Hazard Class</b>	3
<b>14.4 Packing Group</b>	II
<b>14.5 Environmental Hazards</b>	Not regulated
<b>ERG Code</b>	3H

**ICAO**

<b>14.1 UN no</b>	UN1993
<b>14.2 UN Proper shipping name</b>	Flammable liquid, n.o.s.
<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Ethanol, Limonene), 3, II
<b>14.3 Hazard Class</b>	3
<b>14.4 Packing Group</b>	II
<b>14.5 Environmental Hazards</b>	Not regulated

**ADR**

<b>14.1 UN no</b>	UN1993
<b>14.2 UN Proper shipping name</b>	Flammable liquid, n.o.s.
<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Ethanol, Limonene), , 3, II, (D/E)
<b>14.3 Hazard Class</b>	3
<b>14.4 Packing Group</b>	II
<b>14.5 Environmental Hazards</b>	Not regulated
<b>Classification code</b>	F1
<b>ADR/RID-Labels</b>	3

**RID**

<b>14.1 UN no</b>	UN1993
<b>14.2 UN Proper shipping name</b>	Flammable liquid, n.o.s.
<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Ethanol, Limonene), , 3, II
<b>14.3 Hazard Class</b>	3
<b>14.4 Packing Group</b>	II
<b>14.5 Environmental Hazards</b>	Not regulated
<b>Classification code</b>	F1

**ADN**

<b>14.1 UN no</b>	UN1993
<b>14.2 UN Proper shipping name</b>	Flammable liquid, n.o.s.

<b>Description</b>	UN1993, Flammable liquid, n.o.s. (Ethanol, Limonene), , 3, II
<b>14.3 Hazard Class</b>	3
<b>14.4 Packing Group</b>	II
<b>14.5 Environmental Hazards</b>	Not regulated
<b>Classification code</b>	F1
<b>Hazard Labels</b>	3
<b>Limited quantity</b>	1 L
<b>Ventilation</b>	VE01

## 15. REGULATORY INFORMATION

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

**WGK- WGK Classification (VwVwS)** WGK 1

### 15.2 Chemical Safety Assessment

**Chemical Safety Assessment** No chemical safety assessment has been carried out for this mixture per REACH regulation.

## 16. OTHER INFORMATION

### 16.1 Indication of changes

**Issuing Date:** 13-Nov-2015  
**Revision Date:** 13-Nov-2015  
**Reason for revision** Not applicable

### 16.2 Abbreviations and acronyms

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ASTM: American Society for Testing and Materials  
 CAS-No: Chemical Abstracts Service number  
 CLP: Classification, Labeling, and Packaging (substances and mixtures)  
 DIN: German Institute for Standardization  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 EC-Number: EINECS and ELINCS Number (see also EINECS and ELINCS)  
 EC50: Calculated concentration causing a 50% reduction in cellular reproduction  
 ErC50: Calculated concentration causing a 50% reduction in growth rate  
 EWC: European Waste Catalogue (replaced by LoW – see below)  
 GHS- Globally Harmonized System of Classification and Labeling of Chemicals (GHS)  
 IMDG: International Maritime Dangerous Goods Code  
 IATA: International Air Transport Association  
 ISO- International Organization for Standardization  
 Kow: octanol-water partition coefficient  
 LC50: Lethal Concentration to 50% of a test population  
 LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)  
 MARPOL- International Convention for the Prevention of Pollution From Ships  
 o.c.- open cup  
 OECD - Organization for Economic Cooperation and Development  
 OEL: Occupational Exposure Limit  
 PNEC(s): Predicted No Effect Concentration(s)  
 PVC- Polyvinylchloride  
 REACH- Registration, Evaluation and Authorization of Chemicals  
 STEL - Short term exposure limit  
 TWA- Time weighted average  
 STP- Sewage treatment plant  
 SVHC: Substances of Very High Concern  
 UN- United Nations

### 16.3 Key literature references and sources for data

No information available

**16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]**

**Serious eye damage/eye irritation**

Category 2 - Calculation method

**Flammable Liquids** - On basis of test data

**16.5 Full text of H-Statements referred to under sections 2 and 3**

**Full text of H-Statements referred to under sections 2 and 3**

H226 - Flammable liquid and vapor

H318 - Causes serious eye damage

H336 - May cause drowsiness or dizziness

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

**16.6 Training Advice**

No information available

**16.7 Further information**

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**