



SAFETY DATA SHEET

DATE OF COMPILATION: 28.08.2017

REVISION: 02.01.2023

VERSION NUMBER: 4.0

Safety data sheet in accordance with 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 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER

Trade name: UNIVERSAL CLEANER CITRUS "SPLASH"
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Designation: Liquid on the basis of surface-active agents and fragrant components for cleaning and refreshing smooth surfaces.

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses: Product for cleaning smooth surfaces.

Uses advised against: any type of uses not mentioned above and in point 7.3.

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

Manufacturer: "POL-HUN" M. BIELSKA SP. J.
Address: 11 Listopada 65, 95-040 Koluszki, Poland
Telephone: +48 (44) 725 30 00
E-mail address for a person responsible for the SDS: polhun@polhun.pl

1.4. EMERGENCY TELEPHONE NUMBER

+48 (44) 725 30 19 (LABORATORY „POL-HUN” M. BIELSKA SP. J. (available during working days from 7⁰⁰ a.m. up 20⁰⁰ p.m.)

112 EMERGENCY TELEPHONE NUMBER

SECTION 2 : HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

The mixture is classified according to REGULATION (EC) No 1272/2008 as not hazardous.

2.2. LABEL ELEMENTS

Hazard pictograms: not applicable.

Signal word: not applicable.

Hazard statements: not applicable.

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
 Address: 11-listopada 65, 95-040 Koluszki, Poland
 Telephone/Fax +48 (44) 725 30 00 / 725 30 01

Precautionary Statements:

P102 Keep out of reach of children.

P101 If medical advice is needed, have product container or label at hand.

P103 Read label before use.

EUH208 Contains: Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
 May produce an allergic reaction.

Detergent labeling according to Regulation 648/2004:

Citrus Constituents: anionic surfactants <5%; 2-bromo-2-nitropropane-1,3-diol; Methylisothiazolinone, Methylchloroisothiazolinone, perfumes, Limonene.

Flower Constituents: anionic surfactants <5%; 2-bromo-2-nitropropane-1,3-diol; Methylisothiazolinone, Methylchloroisothiazolinone, perfumes, Linalool.

Lily of the valley Constituents: anionic surfactants <5%; 2-bromo-2-nitropropane-1,3-diol; Methylisothiazolinone, Methylchloroisothiazolinone, perfumes, Hexyl Cinnamal.

Green Apple Constituents: anionic surfactants <5%; 2-bromo-2-nitropropane-1,3-diol; Methylisothiazolinone, Methylchloroisothiazolinone, perfumes.

Sea Constituents: anionic surfactants <5%; 2-bromo-2-nitropropane-1,3-diol; Methylisothiazolinone, Methylchloroisothiazolinone, perfumes.

2.3. OTHER HAZARDS

The substances of the mixture do not meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) (at a concentration equal to or greater than 0,1 % by weight) in accordance with Annex XIII of (REACH) regulation.

The substances of the mixture are not included in the list established in accordance with Article 59(1) of (REACH) regulation for having endocrine disrupting properties (at a concentration equal to or greater than 0,1 % by weight).

The substances of the mixture are not identified as having endocrine disrupting properties (at a concentration equal to or greater than 0,1 % by weight) in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605(4).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1. SUBSTANCES**

not applicable.

3.2. MIXTURES

Hazard substances and substances for which are assigned Community workplace exposure limits:

Substance name	Concentration (% m/m)	Number CAS	Number WE	Number registration	Classification in accordance with Directive (WE) nr 1272/2008
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	1-2	68891-38-3	500-234-8	01-2117488639-16-xxxx	Eye Dam. 1; H318 Skin Irrit. 2; H315 Aquatic Chronic 3; H412

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
Address: 11-listopada 65, 95-040 Koluszki, Poland
Telephone/Fax +48 (44) 725 30 00 / 725 30 01

					Specific concentrations limits: Eye Irrit. 2; H319: C >=5% - < 10% Eye Dam. 1; H318: C>=10%
Ethanol	0,1 – 1,0	64-17-5	200-578-6	01-2119457610-43-xxxx	Flam. Liq. 2; H225 Eye Irrit. 2; H319 Specific concentrations limits: Eye Irrit 2; H319: C > = 50%
Butanone ¹⁾	<0,05	78-93-3	201-159-0	01-2119457290-43-xxxx	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
2-bromo-2-nitropropane-1,3-diol	0,0035 – 0,005	52-51-7	200-143-0	-	Acute Tox. 4; H302 Acute Tox. 4; H312 STOT SE 3; H335 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H400 M=10 Aquatic Chronic 2; H411
Reaction mass of 5-chloro-2-methyl-2 <i>H</i> -isothiazol-3-one and 2-methyl-2 <i>H</i> -isothiazol-3-one (3:1)	0,00075	55965-84-9	-	-	Acute Tox. 2; H330 Acute Tox. 2; H310 Acute Tox. 3; H301 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 M=100 Aquatic Chronic 1; H410 M=100

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
 Address: 11-listopada 65, 95-040 Koluszki, Poland
 Telephone/Fax +48 (44) 725 30 00 / 725 30 01

					<p>EUH071</p> <p>Specific concentration limits:</p> <p>Skin Corr. 1C: C ≥ 0,6 %</p> <p>Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 %</p> <p>Eye Dam. 1: C ≥ 0,6 %</p> <p>Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 %</p> <p>Skin Sens. 1A; C ≥ 0,0015 %</p>
--	--	--	--	--	---

Full texts of hazard statements is listed in section 16.

1) a substance with assigned Community workplace exposure limit

SECTION 4 : FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation:

- not an inhalation hazard under normal conditions of use;

Eye:

- flush with plenty of water for at least 10-15 minutes with the eyelids held wide open, avoid strong stream of water, which can cause cornea injury;
- do not use any medicines before getting medical attention;
- remove any contact lenses;
- seek medical attention.

Skin:

- remove contaminated clothing;
- flush with plenty of water;
- seek medical advice.

Ingestion:

- rinse mouth with plenty of water;
- do not induce vomiting;
- if vomiting occurs, the head should be kept low so that the vomit does not enter the lungs (aspiration);
- seek medical attention.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS BOTH ACUTE AND DELAYED

- inhalation – none;
- skin contact - may cause light irritation;
- eye contact – cause irritation;
- ingestion – irritant to mouth, throat and stomach.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No data available.

SECTION 5. FIREFIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media: extinguishing dry chemical powder, water spray or fog and foam.
 Unsuitable extinguishing media: direct water jet.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
Address: 11-listopada 65, 95-040 Koluszki, Poland
Telephone/Fax +48 (44) 725 30 00 / 725 30 01

The product decomposes forming sulphur oxides and carbon oxides.

5.3. **ADVICE FOR FIREFIGHTERS**

Wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Cool down intact containers with water to prevent bursting.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

For non-emergency personnel:

- avoid contact with skin and eyes;
- wear chemical protection gloves and suits;
- wear appropriate goggles.

For emergency responders:

Suitable fabric for personal protective clothing:

- appropriate: nitrile rubber, neoprene;
- not appropriate: no data.

6.2. **ENVIRONMENTAL PRECAUTIONS**

- keep away from drains, surface- and ground-water and soil.

6.3. **METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

- adsorb in dry sand;
- clean up spillage promptly;
- collect free product and transfer it to suitable tanks or containers for safe disposal;
- dispose of according to the local regulations.

6.4. **REFERENCE TO OTHER SECTIONS**

Information regarding safe handling – see section 7.

SECTION 7: HANDLING AND STORAGE

7.1. **PRECAUTIONS FOR SAFE HANDLING**

- handle in accordance with good manufacturing practices and personal hygiene;
- avoid contact with skin and eyes;
- wash hands after use;
- wash any exposed skin immediately after any chemical contact;
- not to eat, drink and smoke in work areas;
- remove contaminated clothing and protective equipment before entering eating areas;
- wear protective equipment.

7.2. **CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

- store in a cool, dry, well ventilated area;
- keep containers upright and tightly closed;
- keep away from sunlight, source of heat and source of fire;
- keep away from food.

7.3. **SPECIFIC END USE(S)**

No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. **CONTROL PARAMETERS**

The mixture does contain substances with the national occupational exposure limit values that correspond to Union occupational exposure limit values in accordance with Directive 98/24/EC, including any notations as referred to in Article 2(3) of Commission Decision 2014/113/EU.

SAFETY DATA SHEET

TRADE NAME:

UNIVERSAL CLEANER CITRUS "SPLASH"
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
 Address: 11-listopada 65, 95-040 Koluszki, Poland
 Telephone/Fax +48 (44) 725 30 00 / 725 30 01

Substance name and CAS number	OEL-TWA		STEL		Country, Publication
	ppm	mg/m ³	ppm	mg/ m ³	
Ethanol [64-17-5]	-	1900	-	-	[Poland]Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 (DZ.U. 2018 poz. 286
Ethanol [64-17-5]	1000	1907	-	-	[Belgium]
Ethanol [64-17-5]	1000	1900	2000	3800	[Denmark]
Ethanol [64-17-5]	1000	1900	5000	9500	[France]
Ethanol [64-17-5]	200	380	800(1)	1520 (1)	[Germany]
Ethanol [64-17-5]	-	1900	-	3800	[Hungary]
Ethanol [64-17-5]	-	-	1000(1)	-	[Ireland]
Ethanol [64-17-5]	-	1000	-	-	[Latvia]
Ethanol [64-17-5]	1000	1900	5000	9500 (1)	[Romania]
Ethanol [64-17-5]	-	-	1000	1910	[Spain]
Ethanol [64-17-5]	500	1000	1000	1900	[Sweden]
Ethanol [64-17-5]	-	260	-	1900	[the Netherlands]

Remarks:**Germany:** (1) Excluding ultrafine particles**Ireland:** (1) 15 minutes average value.**Romania:** (1) 15 minutes average value.

Source: Based on GESTIS International Limit values Database.

Substance name and CAS number	OEL-TWA		STEL		Country, Publication
	ppm	mg/m ³	ppm	mg/ m ³	
Isopropyl alcohol [67-63-0]	-	900	-	1200	[Poland]Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 (DZ.U. 2018 poz. 286

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
 Address: 11-listopada 65, 95-040 Koluszki, Poland
 Telephone/Fax +48 (44) 725 30 00 / 725 30 01

Isopropyl alcohol [67-63-0]	200	500	400	1000	[Belgium]
Isopropyl alcohol [67-63-0]	200	490	400	980	[Denmark]
Isopropyl alcohol [67-63-0]	-	-	400	980	[France]
Isopropyl alcohol [67-63-0]	200	500	400(1)	1000(1)	[Germany]
Isopropyl alcohol [67-63-0]	-	500	-	1000	[Hungary]
Isopropyl alcohol [67-63-0]	200	-	400(1)	-	[Ireland]
Isopropyl alcohol [67-63-0]	-	350	-	600(1)	[Latvia]
Isopropyl alcohol [67-63-0]	81	200	203(1)	500 (1)	[Romania]
Isopropyl alcohol [67-63-0]	200	500	400	1000	[Spain]
Isopropyl alcohol [67-63-0]	150	350	250(1)	600(1)	[Sweden]
Isopropyl alcohol [67-63-0]	200	500	400	1000	[Switzerland]

Remarks:**Germany:** (1) 15 minutes average value.**Ireland:** (1) 15 minutes average value.**Latvia:** (1) 15 minutes average value.**Romania:** (1) 15 minutes average value.**Sweden:** (1) 15 minutes average value.

Source: Based on GESTIS International Limit values Database

Substance name and CAS number	OEL-TWA		STEL		Country, Publication
	ppm	mg/m ³	ppm	mg/ m ³	
Butanone [78-93-3]	-	450	-	900	[Poland]Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 (DZ.U. 2018 poz. 286
Butanone [78-93-3]	200	600	300(1)	900(1)	[Belgium]
Butanone [78-93-3]	50	145	100	290	[Denmark]

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
 Address: 11-listopada 65, 95-040 Koluszki, Poland
 Telephone/Fax +48 (44) 725 30 00 / 725 30 01

Butanone [78-93-3]	200	600	300	900	[EU]
Butanone [78-93-3]	200	600	300(1)	900(1)	[France]
Butanone [78-93-3]	200	600	200(1)	600(1)	[Germany]
Butanone [78-93-3]	-	600	-	900	[Hungary]
Butanone [78-93-3]	200	600	300(1)	900(1)	[Ireland]
Butanone [78-93-3]	200	600	300	900	[Italy]
Butanone [78-93-3]	67	200	300(1)	900(1)	[Latvia]
Butanone [78-93-3]	200	600	300(1)	900(1)	[Romania]
Butanone [78-93-3]	200	600	300	900	[Spain]
Butanone [78-93-3]	50	150	300(1)	900(1)	[Sweden]
Butanone [78-93-3]	-	590	-	900	[the Netherlands]

Remarks:

Belgium: (1) 15 minutes average value.

France: (1) 15 minutes average value.

Germany: (1) 15 minutes average value.

Ireland: (1) 15 minutes average period.

Latvia: (1) 15 minutes average value.

Romania: (1) 15 minutes average value.

Sweden: (1) 15 minutes average value.

Source: Based on GESTIS International Limit values Database.

The mixture does not contain substances with the national occupational exposure limit values that correspond to Union limit values in accordance with Directive 2004/37/EC, including any notations as referred to in Article 2(3) of Decision 2014/113/EU;

The mixture does not contain substances with the national biological limit values that correspond to Union biological limit values in accordance with Directive 98/24/EC, including any notations as referred to in Article 2(3) of Decision 2014/113/EU;

DNEL (Derived No Effect Level) VALUES determined for Alcohols, C12-14, ethoxylated, sulfates, sodium salts No CAS: [68891-38-3]:

Exposure time	Population	Route of exposure	Value
---------------	------------	-------------------	-------

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
 Address: 11-listopada 65, 95-040 Kolutzki, Poland
 Telephone/Fax +48 (44) 725 30 00 / 725 30 01

Long-term, systemic	Workers	dermal	2750 mg/kg b. w./day
Long-term, local	Workers	inhalation	175 mg/m ³
Long-term, systemic	Consumers	dermal	1650 mg/kg b. w./day
Long-term, systemic	Consumers	inhalation	52 mg/m ³
Long term, systemic	Consumers	oral	15 mg/kg

DNEL (Derived No Effect Level) VALUES determined for Ethanol CAS[64-17-5]

Exposure time	Population	Route of exposure	Value
Long-term	Workers	dermal	343 mg/kg bw/day
Short - term	Workers	inhalation	1900 mg/m ³
Long-term	Workers	inhalation	950 mg/m ³
Long-term	Consumers	oral	87,0 mg/kg bw/day
Long-term	Consumers	dermal	206 mg/kg bw/day
Long-term	Consumers	inhalation	114 mg/m ³
Short - term	Consumers	inhalation	950 mg/m ³

DNEL (Derived No Effect Level) VALUES determined for Isopropyl alcohol [67-63-0]

Exposure time	Population	Route of exposure	Value
Long-term	Workers	dermal	888 mg/kg bw/day
Long-term	Workers	inhalation	500 mg/m ³
Long-term	Consumers	oral	26 mg/kg bw/day
Long-term	Consumers	dermal	319 mg/kg bw/day
Long-term	Consumers	inhalation	89 mg/m ³

DNEL (Derived No Effect Level) Worker Values and Consumer Values determined for Butanone No CAS [78-93-3]:

Exposure time	Population	Route of exposure	Value
Long-term	Workers	dermal	1161 mg/kg bw/day
Long-term	Workers	inhalation	600 mg/m ³
Long-term	Consumers	oral	31 mg/kg bw/day
Long-term	Consumers	dermal	412 mg/kg bw/day
Long-term	Consumers	inhalation	106 mg/m ³

PNEC Values (Predicted No Effect Concentration) of Alcohols, C12-14, ethoxylated, sulfates, sodium salts No CAS: [68891-38-3]

Route of exposure	Value
Sweet Water	0,24 mg/L
Marine Water	0,024 mg/L
Sediment (sweet water)	5,45 mg/kg
Sediment (marine water)	0,545 mg/kg
Soil	0,946 mg/kg

PNEC Values (Predicted No Effect Concentration) for Ethanol CAS[64-17-5]

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
 Address: 11-listopada 65, 95-040 Koluszki, Poland
 Telephone/Fax +48 (44) 725 30 00 / 725 30 01

Route of exposure	Value
Fresh Water	0,96mg/L
Marine Water	0,79 mg/L
Sediment (fresh water)	3,6 mg/kg
Sediment (marine water)	2,9 mg/kg
Soil	0,630 mg/kg

PNEC Values (Predicted No Effect Concentration) for Isopropyl alcohol [67-63-0]

Route of exposure	Value
Fresh Water	140,9mg/L
Marine Water	140,9 mg/L
Sediment (fresh water)	552 mg/kg
Sediment (marine water)	552mg/kg

PNEC Values (Predicted No Effect Concentration) for Butanone No CAS [78-93-3]:

Route of exposure	Value
Fresh Water	55,8mg/L
Marine Water	55,8 mg/L
Sediment (fresh water)	287,74 mg/kg
Sediment (marine water)	287,7 mg/kg

8.2. EXPOSURE CONTROLS

Personal protective equipment:

Respiratory protection:

- is not required during normal operations in a workplace.

Eye protection:

- use protective goggles if eye contact might occur.

Skin protection:

- in case of long contact with product use protective gloves according to EN 374.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Colour:	CITRUS – yellow LILY OF THE VALLEY - blue, GREEN APPLE – light green, FLOWER – red SEA – dark blue
Odour :	characteristic, CITRUS - lemon, LILY OF THE VALLEY – lily of the valley, GREEN APPLE – green apple, FLOWER – flower SEA - Ocean
Melting point/freezing point:	~ 0 °C
Boiling point or initial boiling point and boiling range:	~ 100 °C
Flammability:	the mixture is not ignitable
Lower and upper explosion limit:	does not apply

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
 Address: 11-listopada 65, 95-040 Koluszki, Poland
 Telephone/Fax +48 (44) 725 30 00 / 725 30 01

Flash point: not determined for the mixture; 12 °C for the ingredient Ethanol
 Auto-ignition temperature: not determined for the mixture; 399 °C for the ingredient Ethanol
 Decomposition temperature: does not apply
 pH: 4,5 – 7,0
 Kinematic viscosity: not determined
 Solubility: soluble in water
 Partition coefficient: n-octanol/water (log value): does not apply
 Vapour pressure: not determined
 Density and/or relative density: 950 – 1050 kg/m³ (20°C)
 Relative vapour density: not determined
 Particle characteristics: does not apply

9.2. OTHER INFORMATION

No data available.

SECTION 10: STABILITY AND REACTIVITY**10.1. REACTIVITY**

The reactivity hazards of mixture has not been tested.

10.2. CHEMICAL STABILITY

Product is stable under recommended conditions of storage.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

None under normal conditions.

10.4. CONDITIONS TO AVOID

Keep away from humidity, high temperatures; keep away from source of heat and source of fire.

10.5. INCOMPATIBLE MATERIALS

None.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Sulphur oxides.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. INFORMATION ON HAZARD CLASSES DEFINED IN REGULATION (EC) No 1272/2008****Acute toxicity:**

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

<i>Name and CAS-No of hazardous substance</i>	<i>Value</i>	<i>Route of application</i>	<i>Species</i>
Alcohols, C12-14, ethoxylated, sulfates, sodium salts [68891-38-3]	LD50 > 2000mg/kg	oral	rat
Alcohols, C12-14, ethoxylated, sulfates, sodium salts [68891-38-3]	LD50 > 2000mg/kg	dermal	rat
Ethanol [64-17-5]	LD50: 6200 mg/kg	oral	rat
	LD50: > 20000mg/kg	dermal	rabbit
	LC50: 124,7 mg/l/4h	inhalation	rat

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
 Address: 11-listopada 65, 95-040 Koluszki, Poland
 Telephone/Fax +48 (44) 725 30 00 / 725 30 01

Isopropyl alcohol [67-63-0]	LD50: 5280 mg/kg	oral	rat
	LD50: 12 800 mg/kg	dermal	rat
	LC50: 72,6 mg/l/4h	inhalation	rat
Butanone [78-93-3]	LD50: 4000 mg/kg	oral	rat
	LD50: 6400 mg/kg	dermal	rat
	LC50: 23,5 mg/l/4h	inhalation	rat

Skin corrosion/irritation:

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

Irritant effect of **Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS [68891-38-3]:**

- skin: causes irritation.

Serious eye damage/eye irritation:

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

Serious eye damage/eye irritation of **Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS [68891-38-3]:**

- eyes: risk of serious eye damage.

Respiratory or skin sensitization:

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met, but the mixture contains: **Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1); may produce an allergic reaction.**

Sensitization effect of **Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS [68891-38-3]:**

- not classified (test – guinea pig, OECD 406).

Germ cell mutagenicity:

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

Mutagenicity effect of **Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS [68891-38-3]:**

Not classified - (OECD 471 Bacterial Reverse Mutation Test - *Salmonella typhimurium* – result– negative).

Carcinogenicity:

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

Reproductive toxicity:

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

STOT – single exposure:

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

STOT – repeated exposure:

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

Aspiration hazard:

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
 Address: 11-listopada 65, 95-040 Koluszki, Poland
 Telephone/Fax +48 (44) 725 30 00 / 725 30 01

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

Routes of exposure

The mixture has not been tested – no available data.

11.2. INFORMATION ON OTHER HAZARDS**Endocrine disrupting properties**

The substances of the mixture are not identified as having endocrine disrupting properties for human health (at a concentration equal to or greater than 0,1 % by weight) in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605(4).

Other information

No data.

SECTION 12: ECOLOGICAL INFORMATION**12.1. TOXICITY**

The mixture has not been tested - no available data. Based on the available data of the ingredients the classification criteria are not met.

<i>Name and CAS-No of hazardous substance</i>	<i>Value</i>	<i>Species</i>
Alcohols, C12-14, ethoxylated, sulfates, sodium salts [68891-38-3]	LC50: 7,1 mg/l/96h	Fish – <i>Brachydanio rerio</i>
	NOEC: 1mg/l (45 days, sweet water)	Fish – <i>Pimephales promelas</i>
	NOEC: 0,18 mg/l (21 days, sweet water)	<i>Daphnia magna</i>
Ethanol [64-17-5]	LC50: 11000mg/l/96h	Fish
	EC50: 9268 mg/l/48h	<i>Daphnia magna</i>
	EC50: 1450 mg/l/192h	Algae
Isopropyl alcohol [67-63-0]	LC50: 9640 mg/l/96h.	Fish
	EC50: 13299 mg/l/48h	<i>Daphnia magna</i>
	EC50: 1000 mg/l/72h	Algae
Butanone [78-93-3]	LC50: 3220 mg/l/96h.	Fish
	EC50: 5091 mg/l/48h	<i>Daphnia magna</i>
	EC50: 4300 mg/l/168h	Algae

12.2. PERSISTENCE AND DEGRADABILITY

The mixture has not been tested - no available data.

Persistence and degradability of Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS [68891-38-3]:
 99,2% according to 82/243/EEC.

Ethanol CAS [64-17-5]:

Readily biodegradable: >70% in 5 days

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
Address: 11-listopada 65, 95-040 Koluszki, Poland
Telephone/Fax +48 (44) 725 30 00 / 725 30 01

12.3. **BIOACCUMULATIVE POTENTIAL**

The mixture has not been tested - no available data.

Bioaccumulative potential of Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS [68891-38-3]:

It has no potential to accumulate in water environment BCF<100.

Ethanol No CAS [64-17-5]:

LogP(w/o): -0,32.

12.4. **MOBILITY IN SOIL**

The mixture has not been tested - no available data.

Mobility in soil of Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS [68891-38-3]:

After dissolving in water may penetrate to groundwater.

12.5. **RESULTS OF PBT AND vPvB ASSESSMENT**

The mixture has not been tested - no available data.

12.6. **ENDOCRINE DISRUPTING PROPERTIES**

The substances of the mixture are not identified as having endocrine disrupting properties for the environment (at a concentration equal to or greater than 0,1 % by weight) in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605(4).

12.7. **OTHER ADVERSE EFFECTS**

The mixture has not been tested - no available data.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. **WASTE TREATMENT METHODS**

- dispose of according to local regulations;
- avoid disposing into drainage systems and into the environment;
- contaminated packaging dispose in the same way as the product itself.
- non-contaminated packages may be recycled

SECTION 14: TRANSPORT INFORMATION

ADR/RID/ADN/IMDG/IATA:

14.1. **UN number or ID number** : not applicable.

14.2. **UN proper shipping name**: not applicable.

14.3. **TRANSPORT HAZARD CLASS(ES)**: not applicable.

14.4. **PACKING GROUP**: not applicable.

14.5. **ENVIRONMENTAL HAZARDS:**

The mixture has not been tested - no available data.

14.6. **SPECIAL PRECAUTIONS FOR USER**

See sections 6 to 8 of this Safety Data Sheet.

14.7. **MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS**

Not applicable.

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
Address: 11-listopada 65, 95-040 Koluszki, Poland
Telephone/Fax +48 (44) 725 30 00 / 725 30 01

SECTION 15: REGULATORY INFORMATION

15.1 **SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

REACH (Article 59) – Candidate List of Substances of Very High Concern for Authorization – not applicable.

REACH (Annex XVII) – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles - not applicable.

REACH (Annex XIV) – List of substances subject to authorization.- not applicable.

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

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 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

COMMISSION DIRECTIVE (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU

Directive 2004/37/EC of the European Parliament and of the Council of 29 April 2004 on the protection of workers from the risks related to exposure to carcinogens or mutagens at work .

15.2. **CHEMICAL SAFETY ASSESSMENT**

The chemical safety assessment has not been carried out for the mixture.

15.2. **CHEMICAL SAFETY ASSESSMENT**

The chemical safety assessment has not been carried out for the mixture.

SECTION 16: OTHER INFORMATION

Changes have been made to the previous version: section 1, 2, 3, 8, 9, 11, 12, 14, 15, 16.

The classification of the mixture is based on:

- the category "acute toxicity" – an additive method;
- the category "skin corrosion/irritation" – an additive method;
- the category "serious eye damage/eye irritation" - an additive method;
- the category "respiratory or skin sensitization" – concentration of sensitizing ingredients;
- the category "mutagenicity"- concentration of classified ingredients;
- the category "carcinogenicity" – concentration of classified ingredients;
- the category "reproductive toxicity" - concentration of classified ingredients;
- the category "STOT repeated exposure" - concentration of classified ingredients;
- the category "STOT single exposure"- concentration of classified ingredients;
- the category "aspiration hazard" – an additive method;
- the category "ecotoxicological properties" – an additive method.

Abbreviations and acronyms used in the safety data sheet:

PBT – *Persistent, Bioaccumulative, Toxic;*

SAFETY DATA SHEET

TRADE NAME: **UNIVERSAL CLEANER CITRUS "SPLASH"**
UNIVERSAL CLEANER LILY OF THE VALLEY "SPLASH"
UNIVERSAL CLEANER GREEN APPLE "SPLASH"
UNIVERSAL CLEANER FLOWER "SPLASH"
UNIVERSAL CLEANER SEA "SPLASH"

Manufacturer: „Pol – Hun“ M. Bielska Sp. j.
 Address: 11-listopada 65, 95-040 Koluszki, Poland
 Telephone/Fax +48 (44) 725 30 00 / 725 30 01

vPvB – *Very Persistent and very Bioaccumulative*;
 LD50 – *Lethal Dose, 50%*;
 LC50 – *Lethal Concentration 50%*;
 BCF – *Bioconcentration factor*;
 logPow - *Octanol/water partition coefficient*;
 OEL – *Occupational Exposure Limit*;
 TWA – *Eight – hour Time Weighted Average*;
 STEL – *Short Term Exposure Limit*.
 NOEC – *ang. No Observed Effect Concentration*

List of relevant hazard statements which are not written out in full under Sections 2 to 15:

Acute Tox. 4	Acute toxicity of category 4.
Acute Tox. 3	Acute toxicity of category 3.
Acute Tox. 2	Acute toxicity of category 2.
Flam. Liq. 2	Flammable liquid of category 2.
Skin Corr. 1C	Skin corrosion of category 1C.
Eye Dam. 1	Eye Damage of category 1.
Eye Irrit. 2	Eye Irritation of category 2.
Skin Irrit. 2	Skin Irritation of category 2.
Skin Sens. 1A	Skin Sensitization of category 1A.
STOT SE 3	Specific target organ toxicity - single exposure of category 3.
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard of category 1.
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard of category 1.
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard of category 2.
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard of category 3.

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

The information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. This document is neither a quality description of the product nor a guarantee of particular properties. The information are to be treated as aid to safety in transport, storage and usage of the product. This does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change.