

Code: 5008-001070



Version: 1 Date of issue: 12/05/2023 Date of printing: 12/05/2023

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

PRODUCT IDENTIFIER:

STONE CHIP HS 3000 BLACK

Code: 5008-001070 UFI: EJXS-T1AK-FR0J-RFPH

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

Intended uses (main technical functions): [X] Industrial [X] Professional [] Consumers

Antigravel

Sectors of use:

Professional uses (SU22).

Uses advised against:

This product is not recommended for any use or sector of use (industrial, professional or consumer) other than those previously listed as "Intended or identified uses".

Restrictions on manufacture, placing on market and use, according to Annex XVII of Regulation (EC) No. 1907/2006:

Not restricted

<u>DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:</u> 1.3

CAR REPAIR SYSTEM S.A.

Pol.Ind. 2 de Octubre, c/ José Muñoz 6 - 18320 Santa Fe - Granada ESPAÑA

Phone number: (+34) 95 8431792 - www.carrepairsystem.eu

- E-mail address of the person responsible for the Safety Data Sheet:

info@carrepairsystem.eu

EMERGENCY TELEPHONE NUMBER: 1.4

(+34) 95 8431792 L-J 8:30-14 / 15-18 h. V 8:30-14:30 h.



National Poisons Information Service (NPIS) - In England, Wales or Scotland: dial 111 - In N Ireland: contact your local GP or pharmacist during normal hours.

SECTION 2 : HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: 2.1

Classification of mixtures is carried out in accordance with the following principles: a) when data (tests) for the classification of mixtures are available, generally is carried out based on these data, b) in the absence of data (tests) for mixtures are generally used interpolation or extrapolation methods of assessing the risk, using the available data for mixtures similarly classified, and c) in the absence of tests and information which would allow to apply interpolation or extrapolation techniques, methods are used to classify risk assessment based on the data of the individual components in the mixture.

Classification in accordance with Regulation (EU) No. 1272/2008~2021/849 (CLP):

DANGER:Flam. Liq. 2:H225|Skin Irrit. 2:H315|Repr. 2:H361|STOT SE (narcosis) 3:H336|STOT RE 2:H373|Asp. Tox. 1:H304

Danger class		Classification of the mixture	Cat.	Routes of exposure	Target organs	Effects
Physicochemical:		Flam. Liq. 2:H225 c)	Cat.2	-	-	-
Human health:	* \	Repr. 2:H361 c) STOT SE (narcosis) 3:H336 c) STOT RE 2:H373 c)	Cat.3 Cat.2	Inhalation Inhalation Inhalation	Skin Reproductive system CNS CNS Lungs	Irritation Foetus Narcosis Damage Dead
Environment: Not classified						

Full text of hazard statements mentioned is indicated in section 16.

Note: When in section 3 a range of percentages is used, the health and environmental hazards describe the effects of the highest concentration of each component, but below the maximum value.

LABEL ELEMENTS 2.2



This product is labelled with the signal word DANGER in accordance with Regulation (EU) No. 1272/2008~2021/849 (CLP)

Hazard statements:

H225 Highly flammable liquid and vapour.

H361 Suspected of damage the unborn child if inhaled.

H373 May cause damage to central nervous system through prolonged or repeated exposure if inhaled.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements:

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P243 Take action to prevent static discharges.

Wear protective gloves, clothing and eye protection. In case of inadequate ventilation wear respiratory protection.

P331

P301+P310-P330+ IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting.



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REACH

REACH /

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CLP00

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P303+P361+P353-P352-P312 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash with

plenty of water and soap.. Call a POISON CENTER or doctor if you feel unwell.

P304+P340-P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if

you feel unwell.

P501 Dispose of contents/container in accordance with local regulations.

- Supplementary statements:

- Substances that contribute to classification:

Toluene Acetone n-butyl acetate

2.3 OTHER HAZARDS:

Hazards which do not result in classification but which may contribute to the overall hazards of the mixture:

- Other physicochemical hazards:

Vapours may form with air a mixture potentially flammable or explosive.

- Other adverse human health effects:

No other relevant adverse effects are known.

- Other negative environmental effects:

Does not contain substances that fulfil the PBT/vPvB criteria.

Endocrine disrupting properties:

This product does not contain substances with endocrine disrupting properties identified or under evaluation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES:

Not applicable (mixture).

3.2 MIXTURES:

This product is a mixture.

Chemical description:

Plasticizer.

HAZARDOUS INGREDIENTS:

Substances taking part in a percentage higher than the exemption limit:

10 < C ≤ 15 %

Toluene

CAS: 108-88-3, EC: 203-625-9, REACH: 01-2119471310-51

CLP: Danger: Flam. Liq. 2:H225 | Skin Irrit. 2:H315 | Repr. 2:H361 | STOT SE (narcosis) 3:H336 | STOT RE 2:H373 | Asp. Tox. 1:H304 | Aquatic Chronic 3:H412

5 < C < 10 %

Ace

CAS: 67-64-1, EC: 200-662-2, REACH: 01-2119471330-49

CLP: Danger: Flam. Liq. 2:H225 | Eye Irrit. 2:H319 | STOT SE (narcosis) 3:H336 | EUH066

1 < C ≤ 3 %

n-butyl acetate

CAS: 123-86-4, EC: 204-658-1, REACH: 01-2119485493-29

CLP: Warning: Flam. Liq. 3:H226 | STOT SE (narcosis) 3:H336 | EUH066

Impurities:

Does not contain other components or impurities which will influence the classification of the product.

Stabilizers:

None.

Reference to other sections:

For more information on hazardous ingredients, see sections 8, 11, 12 and 16.

SUBSTANCES OF VERY HIGH CONCERN (SVHC):

List updated by ECHA on 17/01/2023.

Substances SVHC subject to authorisation, included in Annex XIV of Regulation (EC) no. 1907/2006:

None.

Substances SVHC candidate to be included in Annex XIV of Regulation (EC) no. 1907/2006:

None

PERSISTENT, BIOACCUMULABLE AND TOXIC PBT, OR VERY PERSISTENT AND VERY BIOACCUMULABLE VPVB SUBSTANCES:

Does not contain substances that fulfil the PBT/vPvB criteria.



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SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:



Symptoms may occur after exposure, so that in case of direct exposure to the product, when in doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Lifeguards should pay attention to self-protection and use the recommended protective equipment if there is a possibility of exposure. Wear protective gloves when administering first aid. It can be dangerous to the person giving artificial respiration by mouth-to-mouth (the kiss of life).

Route of exposure	Symptoms and effects, acute and delayed	Description of first-aid measures
Inhalation:	Inhalation of solvent vapours may produce headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, unconsciousness.	Remove the patient out of the contaminated area into the fresh air. If breathing is irregular or stops, administer artificial respiration. If the person is unconscious, place in appropriate recovery position. Keep the patient warm and at rest until medical attention arrives.
Skin:	Skin contact causes redness.Prolonged contact ma cause skin dryness.	yRemove immediately contaminated clothing.Wash thoroughly the affected area with plenty of cold or lukewarm water and neutral soap, or use a suitable skin cleanser.Do not use solvents or thinners.
Eyes:	Contact with the eyes produces redness and pain.	Remove contact lenses.Rinse eyes copiously by irrigation with plenty of clean, fresh water for at least 15 minutes, holding the eyelids apart, until the irritation is reduced.Call a physician immediately.
Ingestion:	If swallowed, may cause irritation of the throat, abdominal pain, drowsiness, nausea, vomiting and diarrhoea.	Do not induce vomiting, due to the risk of aspiration.Keep the patient at rest.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

The main symptoms and effects are indicated in sections 4.1 and 11.1

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

Notes to physician:

The product inhaled during vomiting could cause lung damage. Thus, emesis should not be induced, neither mechanically nor pharmacologically. In the case of ingestion, empty the stomach with caution.

Antidotes and contraindications:

Specific antidote not known. In the case of a pneumonia by chemical agents, must be considered a therapy with antibiotics and corticosteroids.

SECTION 5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:)

Extinguishing powder or CO2

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

As consequence of combustion or thermal decomposition, hazardous products may be produced: carbon monoxide, Carbon dioxide. Exposure to combustion or decomposition products may be a hazard to health.

5.3 ADVICE FOR FIREFIGHTERS:

Special protective equipment:

Depending on magnitude of fire, heat-proof protective clothing may be required, appropriate independent breathing apparatus, gloves, protective glasses or face masks and boots. If the fire-proof protective equipment is not available or is not being used, combat fire from a sheltered position or from a safe distance. The standard EN469 provides a basic level of protection for chemical incidents.

Other recommendations:

Cool with water the tanks, cisterns or containers close to sources of heat or fire.Bear in mind the direction of the wind.Do not allow fire-fighting residue to enter drains, sewers or water courses.



6.3

6.4

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CLP 2.6.4.3.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Eliminate possible sources of ignition and when appropriate, ventilate the area. Do not smoke. Avoid direct contact with this product. Avoid

breathing vapours. Keep people without protection in opposition to the wind direction.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

6.2

Avoid contamination of drains, surface or subterranean water and soil.In the case of large scale spills or when the product contaminates

lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.

Contain and mop up spills with non-combustible absorbent materials (earth, sand, vermiculite, diatomaceous earth, etc..). Clean preferably

with a biodegradable detergent. Keep the remains in a closed container.

For contact information in case of emergency, see section 1.

For information on safe handling, see section 7.

REFERENCE TO OTHER SECTIONS

For exposure controls and personal protection measures, see section 8.

For waste disposal, follow the recommendations in section 13

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: 7.1

Comply with the existing legislation on health and safety at work.

General recommendations

Open with care to release possible internal pressure. Avoid any type of leakage or escape. As this material sublimates (from solid to vapour), it is important to thoroughly clean the contaminated surfaces, to avoid concentrations of dangerous vapours and accidental contact. Keep the container tightly closed.

- Recommendations for the prevention of fire and explosion risks:

Vapours are heavier than air, may spread along floors to a considerable distance, can form explosive mixtures with air and are able to reach distant ignition sources and flame up or explode. Due to its flammability, this material should only be used in areas from which all naked lights and other sources of ignition have been excluded and away from other heat or electrical sources. Switch mobile phones off and do not smoke. No tools with a potential for sparks should be used.

15 °C (Pensky-Martens)

Autoignition temperature: Not applicable.

Lower/upper flammability or explosive limits: 1,8* - 9,9* % Volume 25°C

Ventilation requirement: Not available.

- Recommendations for the prevention of toxicological risks:

Do not eat, drink or smoke while handling. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8.

- Recommendations for the prevention of environmental contamination:

It is not considered a danger to the environment. In the case of accidental spillage, follow the instructions indicated in section 6.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: 7.2

Forbid the entry to unauthorized persons. Keep out of reach of children. This product should be stored isolated from heat and electrical sources. Do not smoke in storage area. If possible, avoid direct contact with sunlight. Avoid extreme humidity conditions. In order to avoid leakages, the containers, after use, should be closed carefully and placed in a vertical position. For more information, see section 10.

Class of store:

According to current legislation.

Maximum storage period:

6 Months.

- Temperature interval:

min:5 °C, max:40 °C (recommended).

Incompatible materials:

Keep away from oxidixing agents, from strongly alkaline and strongly acid materials.

- Type of packaging:

According to current legislation.

- Limit quantity (Seveso III): Directive 2012/18/EU:

- Named dangerous substances/mixtures:None
- Hazard categories and lower-/upperthreshold quantities in tonnes (t):
- · Physical hazards: Highly flammable liquid and vapour. (P5c) (5000t/50000t).
- · Health hazards:Not applicable
- · Environmental hazards:Not applicable
- Other hazards:Not applicable
- Threshold quantity for the application of lower-tier requirements:5000 tons
- Threshold quantity for the application of upper-tier requirements:50000 tons

The qualifying quantities set out above relate to each establishment. The quantities to be considered for the application of the relevant Articles are the maximum quantities which are present or are likely to be present at any one time. Dangerous substances present at an establishment only in quantities equal to or less than 2 % of the relevant qualifying quantity shall be ignored for the purposes of calculating the total quantity present, if their location within an establishment is such that it cannot act as an initiator of a major accident elsewhere at that establishment. For more details, see note 4 of Annex I of the Seveso Directive.

7.3 SPECIFIC END USE(S)

For the use of this product particular recommendations apart from that already indicated are not available.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:

If a product contains ingredients with exposure limits, may be necessary a personnel monitoring, work place or biological, to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to EN689, EN14042 and EN482 standard concerning methods for assessing the exposure by inhalation to chemical agents, and exposure to chemical and biological agents. Reference should be also made to national guidance documents for methods for the determination of dangerous substances.

- OCCUPATIONAL EXPOSURE LIMIT VALUES (WEL)

EH40/2005 WELs (United	Year	WEL-TWA		WEL-STEL		Remarks
Kingdom) 2018		ppm	mg/m3	ppm	mg/m3	
Toluene	2007	20	75	-	-	BMGV, A4
Acetone	2014	250	594	500	1188	BMGV, A4
n-butyl acetate	2015	50	237	150	713	

WEL - Workplace Exposure Limit, TWA - Time Weighted Average (8 hours), STEL - Short Term Exposure Limit (15 min).

BMGV - Biological monitoring guidance value. BMGVs are non-statutory and any biological monitoring undertaken in association with a guidance value needs to be conducted on a voluntary basis (ie with the fully informed consent of all concerned).

A4 - Non classified as carcinogenic in humans.

- BIOLOGICAL LIMIT VALUES:

Biological monitoring can be a very useful complementary technique to air monitoring when air sampling techniques alone may not give a reliable indication of exposure. Biological monitoring is the measurement and assessment of hazardous substances or their metabolites in tissues, secretions, excreta or expired air, or any combination of these, in exposed workers. Measurements reflect absorption of a substance by all routes. Biological monitoring may be particularly useful in circumstances where there is likely to be significant skin absorption and/or gastrointestinal tract uptake following ingestion, where control of exposure depends on respiratory protective equipment, where there is a reasonably well-defined relationship between biological monitoring and effect, or where it gives information on accumulated dose and target organ body burden which is related to toxicity.

This preparation contains the following substances that have established a biological limit value:

-

- DERIVED NO-EFFECT LEVEL (DNEL):

Derived no-effect level (DNEL) is a level of exposure that is considered safe, derived from toxicity data according to specific guidances included in REACH. DNEL values may differ from a occupational exposure limit (OEL) for the same chemical. OEL values may come recommended by a particular company, a government regulatory agency or an organization of experts. Although considered protective of health, the OEL values are derived by a process different of REACH.

- DERIVED NO-EFFECT LEVEL, WORKERS:- Systemic effects, acute and chronic:	DNEL Inhalation mg/m3		DNEL Cutaneous mg/kg bw/d		DNEL Oral mg/kg bw/d	
Toluene	384 (a)	192 (c)	s/r (a) 384	(c)	- (a)	- (c)
Acetone	- (a)	1210 (c)	- (a) 186	(c)	- (a)	- (c)
n-butyl acetate	960 (a)	480 (c)	11 (a) 11	(c)	- (a)	- (c)
- DERIVED NO-EFFECT LEVEL, WORKERS:- Local effects, acute and chronic:	DNEL Inhalation mg/m3		DNEL Cutaneous mg/cm2		DNEL Eyes mg/cm2	
Toluene	384 (a)	192 (c)	b/r (a) s/r	(c)	s/r (a)	- (c)
Acetone	2420 (a)	- (c)	- (a) -	(c)	- (a)	- (c)
n-butyl acetate	960 (a)	480 (c)	s/r (a) s/r	(c)	s/r (a)	- (c)

- Derived no-effect level, general population:

Not applicable (product for professional or industrial use).

- (a) Acute, short-term exposure, (c) Chronic, long-term or repeated exposure.
- (-) DNEL not available (without data of registration REACH).
- s/r DNEL not derived (not identified hazard).
- b/r DNEL not derived (low hazard).

- PREDICTED NO-EFFECT CONCENTRATION (PNEC):

- PREDICTED NO-EFFECT CONCENTRATION,	PNEC Fresh water	PNEC Marine	PNEC Intermittent
AQUATIC ORGANISMS:- Fresh water, marine	mg/l	mg/l	mg/l
water and intermittent release:			
Toluene	0.68	0.68	0.68
Acetone	10.6	1.06	21
n-butyl acetate	0.18	0.018	0.36
- WASTEWATER TREATMENT PLANTS (STP)	PNEC STP	PNEC Sediments	PNEC Sediments
AND SEDIMENTS IN FRESH- AND MARINE	mg/l	mg/kg dw/d	mg/kg dw/d
WATER:			
Toluene	13.61	16.39	16.39
Acetone	100	30.4	3.04



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Γ	- PREDICTED NO-EFFECT CONCENTRATION,	PNEC Air	PNEC Soil	PNEC Oral
1	TERRESTRIAL ORGANISMS:- Air, soil and	mg/m3	mg/kg dw/d	mg/kg dw/d
1	effects for predators and humans:			
1	Toluene	s/r	2.89	n/b
ı	Acetone	-	29.5	n/b
ı	n-butyl acetate	s/r	0.0903	n/b

(-) - PNEC not available (without data of registration REACH).

n/b - PNEC not derived (not bioaccumulative potential).

s/r - PNEC not derived (not identified hazard).

EXPOSURE CONTROLS: 8.2

ENGINEERING MEASURES:











Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these measures are not sufficient to maintain concentrations of particulates and vapours below the Occupational Exposure Limits, suitable respiratory protection must be worn.

- Protection of respiratory system:

Avoid the inhalation of vapours.

- Protection of eyes and face:

It is recommended to install water taps, sources or eyewash bottles with clean water close to the working area.

Protection of hands and skin:

It is recommended to install water taps or sources with clean water close to the working area. Barrier creams may help to protect the exposed areas of the skin. Barrier creams should not be applied once exposure has occurred.

OCCUPATIONAL EXPOSURE CONTROLS: REGULATION (EU) NO. 2016/425:

As a general measure on prevention and safety in the work place, we recommend the use of a basic personal protection equipment (PPE), with the corresponding marking. For more information on personal protective equipment (storage, use, cleaning, maintenance, type and characteristics of the PPE, protection class, marking, category, CEN norm, etc..), you should consult the informative brochures provided by the manufacturers of PPE

Mask:	Suitable combined filter mask for gases, vapours and particles (EN14387/EN143).In order to obtain a suitable protection level, the filter class must be selected depending on the type and concentration of the contaminating agents present, in accordance with the specifications supplied by the filter producers.
Safety goggles:	Safety goggles for chemicals, with suitable lateral protection (EN166).Clean daily and disinfect at regular intervals in accordance with the instructions of the manufacturer.
Face shield:	No.
Gloves:	Gloves resistant against chemicals (EN374). When repeated or prolonged contact with the product is expected, gloves of protection level 5 or higher should be used, with a breakthrough time of >240 min. When short contact with the product is expected, use gloves with a protection level 2 or higher should be used, with a breakthrough time >30 min. The breakthrough time of the selected glove material should be in accordance with the pretended period of use. There are several factors (for example, temperature), they do in practice the period of use of a protective gloves resistant against chemicals is clearly lower than the established standard EN374. Due to the wide variety of circumstances and possibilities, the instructions/specifications provided by the glove supplier should be taken into account. Use the proper technique of removing gloves (without touching glove's outer surface) to avoid contact of the product with the skin. The gloves should be immediately replaced when any sign of degradation is noted.
Boots:	No.
Apron:	No.
Clothing:	No.
- Thermal hazards:	'

Thermal hazards:

Not applicable (the product is handled at room temperature).

ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid any spillage in the environment. Avoid any release into the atmosphere.

- Spills on the soil:

Prevent contamination of soil.

Spills in water:

Do not allow to escape into drains, sewers or water courses.

-Water Management Act:

This product does not contain any substance included in the list of priority substances in the field of water policy under Directive 2000/60/EC~2013/39/EU.

- Emissions to the atmosphere:

Because of volatility, emissions to the atmosphere while handling and use may result. Avoid any release into the atmosphere.



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1h. 60°C

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

Appearance

Physical state: Liquid Colour: Black Odour: Typical

Odour threshold: Not available (mixture).

Change of state

Melting point: Not available (mixture).

Initial boiling point: Not applicable.

- Flammability:

Flashpoint 15 °C (Pensky-Martens) CLP 2.6.4.3.

Lower/upper flammability or explosive limits: 1,82 - 9,86 Autoignition temperature: Not applicable.

Stability

Decomposition temperature: Not available (technical impossibility to obtain the

pH-value

pH: Not applicable (non-aqueous media).

Viscosity:

Dynamic viscosity: Not available. Kinematic viscosity: Not available.

Solubility(ies):

Solubility in water Inmiscible

Liposolubility: Not applicable (inorganic product).

Partition coefficient: n-octanol/water: Not applicable (mixture).

Volatility:

Vapour pressure: 67 mmHg at 20°C Vapour pressure: 44,236* kPa at 50°C Evaporation rate: Not available (lack of data).

Density

Relative density: 1,055* at 20/4°C Relative water Relative vapour density: 1,40 at 20°C 1 atm. Relative air

Particle characteristics

Particle size: Not applicable.

Explosive properties:

Vapours can form explosive mixtures with air and are able to flame up or explode in presence of an ignition source.

Oxidizing properties:

Not classified as oxidizing product.

*Estimated values based on the substances composing the mixture.

OTHER INFORMATION: 9.2

Information regarding physical hazard classes

Flammable liquids: Combustibility: Combustible.*

Other security features:

Heat of combustion: 7254 Kcal/kg 28,0 % Weight VOC (supply): VOC (supply): 266,3 g/l Nonvolatile: 74,75 * % Weight

The values indicated do not always coincide with product specifications. The data for the product specifications can be found in the corresponding technical data sheet. For additional information concerning physical and chemical properties related to safety and environment, see sections 7 and 12.



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SECTION	N 10: STABILITY AND RE	ACTIVITY					
10.1	REACTIVITY:						
	- Corrosivity to metal:	S:					
	It is not corrosive to me						
	- Pyrophorical proper	ties:					
	It is not pyrophoric.						
10.2	CHEMICAL STABILIT	<u>Y:</u>					
	Stable under recommended storage and handling conditions.						
10.3		ZARDOUS REACTIONS:					
		ction with oxidizing agents,	acids, alkalis, peroxides.				
10.4	CONDITIONS TO AV	OID:					
	- Heat:						
	Keep away from source	s of heat.					
	- Light:						
	If possible, avoid direct	contact with sunlight.					
	- Air:	4 - d h					
	- Humidity:	ted by exposure to air, but s	should not be left the containers	open.			
	Avoid extreme humidity	conditions					
	- Pressure:	conditions.					
	Not relevant.						
	- Shock:						
		itive to shocks. but as a rec	ommendation of a general natu	re should be avoided bumps an	d rough handling to avoid		
	dents and breakage of	packaging, especially wher	n the product is handled in large	quantities, and during loading	and download operations.		
10.5	INCOMPATIBLE MAT	ERIALS:					
			aline and strongly acid material	S.			
10.6		MPOSITION PRODUCTS					
	As consequence of ther	mal decomposition, hazard	ous products may be produced:	carbon monoxide.			
SECTION	N 11: TOXICOLOGICAL I						
			aration is available. The toxic				
44.4			n method of the Regulation (19 (GLP).		
11.1	'	HAZARD CLASSES AS L	DEFINED IN REGULATION (I	EC) NO 1272/2008 :			
	ACUTE TOXICITY:	(P	DI 50 (050D404)	DI 50 (OFOD 100)	01.50 (05.00 400)		
	Dose and lethal conce for individual ingredier		DL50 (OECD401) mg/kg bw Oral	DL50 (OECD402) mg/kg bw Cutaneous	CL50 (OECD403) mg/m3·4h Inhalation		
	Toluene	113.	> 5000 Rat	> 5000 Rabbit	> 384 Rat		
	Acetone		5800 Rat	7426 Rabbit	> 76000 Rat		
	n-butyl acetate		10768 Rat	17600 Rabbit	> 70000 Rat > 23400 Rat		
	,	inity (ATE)					
	Estimates of acute tox for individual ingredier		ATE mg/kg bw Oral	ATE mg/kg bw Cutaneous	ATE mg/m3·4h Inhalation		
	Toluene	11.5.	ilig/kg bw Olai	mg/kg bw Cutaneous	mg/ms ⁻⁴ m mnaiauon		
	Acetone		1	7	76000 Vangura		
	n-butyl acetate		1	1	76000 Vapours 23400 Vapours		
			7	CUS/CUR T-bla 2.4.2) The	·		
	be used in the calculation	on of the ATE for classificati	to the classification category (s on of a mixture based on its con acute toxicity at the upper thres	nponents and do not represent	test results.		
	- No observed adverse	e effect level	NOAEL Oral mg/kg bw/d	NOAEL Cutaneous mg/kg bw/d	NOAEC Inhalation		

- No observed adverse effect level	NOAEL Oral	NOAEL Cutaneous	NOAEC Inhalation
	mg/kg bw/d	mg/kg bw/d	mg/m3
Toluene	625 Rat		

- Lowest observed adverse effect level	LOAEL Oral	LOAEL Cutaneous	LOAEC Inhalation
	mg/kg bw/d	mg/kg bw/d	mg/m3
Toluene			2261 Rat

INFORMATION ON LIKELY ROUTES OF EXPOSURE: ACUTE TOXICITY:

Routes of exposure	Acute toxicity	Cat.	Main effects, acute and/or delayed	Criteria
Inhalation: Not classified	ATE > 20000 mg/m3		Not classified as a product with acute toxicity if inhaled (based on available data, the classification criteria are not met).	GHS/CLP 3.1.3.6.
Skin: Not classified	ATE > 5000 mg/kg bw		Not classified as a product with acute toxicity in contact with skin (based on available data, the classification criteria are not met).	



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Eyes: Not classified	Not available.		Not classified as a product with acute toxicity by eye contact (lack of data).	GHS/CLP 1.2.5.
Ingestion: Not classified	3. 3	available.	Not classified as a product with acute toxicity if swallowed (based on available data, the classification criteria are not met).	GHS/CLP 3.1.3.6.

GHS/CLP 3.1.3.6: Classification of mixtures based on ingredients of the mixture (additivity formula).

CORROSION / IRRITATION / SENSITISATION:

Danger class	Target organs	Cat.	Main effects, acute and/or delayed	Criteria
- Respiratory corrosion/irritation: Not classified	-	-	irritant by inhalation (based on available data,	GHS/CLP 1.2.6. 3.8.3.4.
- Skin corrosion/irritation:	Skin	Cat.2	_	GHS/CLP 3.2.3.3.
- Serious eye damage/irritation: Not classified	-	-		GHS/CLP 3.3.3.3.
- Respiratory sensitisation: Not classified	-	-	1 3 7	GHS/CLP 3.4.3.3.
- Skin sensitisation: Not classified	-	-	Not classified as a product sensitising by skin contact (based on available data, the classification criteria are not met).	GHS/CLP 3.4.3.3.

GHS/CLP 3.2.3.3: Classification of the mixture when data are available for all components or only for some components. GHS/CLP 3.3.3.3: Classification of the mixture when data are available for all components or only for some components.

GHS/CLP 3.4.3.3: Classification of the mixture when data are available for all components or only for some components. GHS/CLP 3.8.3.4: Classification of the mixture when data are available for all components or only for some components.

- ASPIRATION HAZARD:

l	Danger class	Target organs	Cat.	Main effects, acute and/or delayed	Criteria
	- Aspiration hazard:	Lungs	_	HAZARD OF ASPIRATION: May be fatal if swallowed and enters airways.	GHS/CLP 3.10.3.3.
l	*				0

GHS/CLP 3.10.3.3: Classification of the mixture when data are available for all components or only for some components.

SPECIFIC TARGET ORGANS TOXICITY (STOT): Single exposure (SE) and/or Repeated exposure (RE):

E	ffects	SE/RE	Target organs	Cat.	Main effects, acute and/or delayed	Criteria
-	Neurological:	RE 🕹	CNS		NEUROTOXIC: May cause damage to central nervous system through prolonged or repeated exposure if inhaled.	GHS/CLP 3.8.3.4
-	Neurological:	SE (1)	CNS			GHS/CLP 3.8.3.4.

GHS/CLP 3.8.3.4: Classification of the mixture when data are available for all components or only for some components.

CMR EFFECTS:

Carcinogenic effects:

It is not considered as a carcinogenic product.

Genotoxicity:

It is not considered as a mutagenic product.

Toxicity for reproduction:

Does not harm fertility. Does not harm the unborn child.

Effects via lactation:

Not classified as a hazardous product for children breast-fed.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:

Routes of exposure

May be absorbed by inhalation of vapour, through the skin and by ingestion.

- Short-term exposure:



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Exposure to solvent vapour concentrations in excess of the stated occupational exposure limit, may result in adverse health effects, such as mucous membrane and respiratory system irritation and adverse effects on kidneys, liver and central nervous system. Liquid splashes in the eyes may cause irritation and reversible damage. If swallowed, may cause irritation of the throat; other effects may be the same as described in the exposure to vapours. Causes skin irritation. May cause drowsiness or dizziness. Very small amounts aspirated by the lungs may cause severe pulmonary damage, including death.

Long-term or repeated exposure:

Repeated or prolonged contact may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. May cause damage to central nervous system through prolonged or repeated exposure if inhaled.

INTERACTIVE EFFECTS:

Not available.

INFORMATION ABOUT TOXICOCINETICS, METABOLISM AND DISTRIBUTION:

- Dermal absorption:

This preparation contains the following substances for which dermal absorption can be very high: Toluene.

- Basic toxicokinetics:

Not available.

ADDITIONAL INFORMATION:

Not available.

11.2 INFORMATION ON OTHER HAZARDS:

Endocrine disrupting properties:

This product does not contain substances with endocrine disrupting properties identified or under evaluation.

Other information:

No additional information available.

SECTION 12: ECOLOGICAL INFORMATION

No experimental ecotoxicological data on the preparation as such is available. The ecotoxicological classification for these mixture has been carried out by using the conventional calculation method of the Regulation (EU) No. 1272/2008~2021/849 (CLP).

12.1 TOXICITY:

- Acute toxicity in aquatic environment for individual ingredients	CL50 (OECD 203) mg/l·96hours	(/	CE50 (OECD 201) mg/l·72hours
Toluene	5.5 - Fishes	3.8 - Daphniae	134 - Algae
Acetone	5540 - Fishes	12100 - Daphniae	
n-butyl acetate	18 - Fishes	44 - Daphniae	675 - Algae

- No observed effect concentration	NOEC (OECD 210)	NOEC (OECD 211)	NOEC (OECD 201)
	`mg/l · 28 dayś	`mg/l · 21 days ´l	mg/l · 72 hours
Toluene	1.4 - Fishes	0.74 - Daphniae	10 - Algae
n-butyl acetate		23 - Daphniae	

- Lowest observed effect concentration

Not available

ASSESSMENT OF AQUATIC TOXICITY:

Aquatic toxicity	Cat.	Main hazards to the aquatic environment	Criteria
- Acute aquatic toxicity: Not classified	-	· · · · · · · · · · · · · · · · · · ·	GHS/CLP 4.1.3.5.5.3.
- Chronic aquatic toxicity:		Not classified as a dangerous product with chronic toxicity to aquatic life with long lasting effects (based on available data, the classification criteria are not met).	GHS/CLP 4.1.3.5.5.4.

CLP 4.1.3.5.5.3: Classification of a mixture for acute hazards, based on summation of classified components.

CLP 4.1.3.5.5.4: Classification of a mixture for chronic (long term) hazards, based on summation of classified components.

12.2 PERSISTENCE AND DEGRADABILITY:

- Biodegradability:

Not readily biodegradable.

Aerobic biodegradation	COD	%DBO/DQO	Biodegradabilidad
for individual ingredients	mgO2/g	5 days 14 days 28 days	
Toluene	2520	69	Easy
Acetone	1920	87 - 91	Easy
n-butyl acetate	2204	80 82 83	Easy

Note: Biodegradability data correspond to an average of data from various bibliographic sources.

- Hydrolysis:

Not available.



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Version: 1 Date of issue: 12/05/2023 Date of printing: 12/05/2023 - Photodegradability: Not available BIOACCUMULATIVE POTENTIAL: 12.3 May bioaccumulate. logPow Bioaccumulation **BCF** Potential L/kg for individual ingredients Toluene 2.73 13 (calculated) Unlikely, low Acetone -0.243.2 (calculated) No bioaccumulable n-butyl acetate 1.81 6.9 (calculated) No bioaccumulable MOBILITY IN SOIL: 12.4 Not available Mobility log Poc Constant of Henry Potential for individual ingredients Pa·m3/mol 20°C 485 (calculated) Toluene 2,31 Unlikely, low Acetone 0,99 3 (calculated) No bioaccumulable 1,84 n-butyl acetate 28,5 (calculated) No bioaccumulable RESULTS OF PBT AND VPVB ASSESMENT: (Annex XIII of Regulation (EC) no. 1907/2006:) 12.5 Does not contain substances that fulfil the PBT/vPvB criteria. **ENDOCRINE DISRUPTING PROPERTIES:** 12.6 This product does not contain substances with endocrine disrupting properties identified or under evaluation. OTHER ADVERSE EFFECTS: 12.7 - Ozone depletion potential: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

- Earth global warming potential: In case of fire or incineration liberates CO2.

Not available.

- Photochemical ozone creation potential:

13.1 WASTE TREATMENT METHODS:Directive 2008/98/EC~Regulation (EU) no. 1357/2014:

Take all necessary measures to prevent the production of waste whenever possible. Analyse possible methods for revaluation or recycling. Do not discharge into drains or the environment, dispose at an authorised waste collection point. Waste should be handled and disposed in accordance with current local and national regulations. For exposure controls and personal protection measures, see section 8.

Disposal of empty containers:Directive 94/62/EC~2015/720/EU, Decision 2000/532/EC~2014/955/EU:

Emptied containers and packaging should be disposed in accordance with currently local and national regulations. The classification of packaging as hazardous waste will depend on the degree of empting of the same, being the holder of the residue responsible for their classification, in accordance with Chapter 15 01 of Decision 2000/532/EC, and forwarding to the appropriate final destination. With contaminated containers and packaging, adopt the same measures as for the product in itself.

Procedures for neutralising or destroying the product:

Controlled incineration in special facilities for chemical waste, in accordance with local regulations.



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SECTIO	N 14: TRANSPORT INFORMATION					
14.1	UN NUMBER OR ID NUMBER:					
	1263					
14.2	UN PROPER SHIPPING NAME:					
	PAINT					
14.3	TRANSPORT HAZARD CLASS(<u> </u>				
	Transport by road (ADR 2021) ar	n <u>d</u>				
	Transport by rail (RID 2021):					
		VP<110 kPa50°C				
	- Class:	3				
	- Packing group: - Classification code:	II F1				
	- Classification code:	(D/E)				
	- Transport category:	2, max. ADR 1.1.3.6. 333 L				
	- Limited quantities:	5 L (see total exemptions ADR 3.4)				
	- Transport document:	Consignment paper.				
	- Instructions in writing:	ADR 5.4.3.4				
	Transport by sea (IMDG 39-18):					
	- Class:	3				
	- Packing group: - Emergency Sheet (EmS):	II F-E,S E				
	- Emergency Sheet (Ems) First Aid Guide (MFAG):	310,313				
	- Marine pollutant:	Yes.				
	- Transport document:	Shipping Bill of lading.				
	Transport by air (ICAO/IATA 202	<u>1):</u>				
	- Class:	3				
	- Packing group:					
	- Transport document:	Air Bill of lading.				
	Transport by inland waterways (A	ADN):				
	Not available					
14.4	PACKING GROUP:					
	See section 14.3					
14.5	ENVIRONMENTAL HAZARDS:					
	Not applicable (not classified as haz					
14.6	SPECIAL PRECAUTIONS FOR					
	Ensure that persons transporting the	e product know what to do in case of accident or spill. Always transport in closed containers that are				
	upright and secure. Ensure adequat					
14.7		K ACCORDING TO IMO INSTRUMENTS:				
	Not applicable.					
SECTIO	N 15: REGULATORY INFORMATION					
45.4	CAFETY HEALTH AND ENVIDE	NIMENTAL DECLIFATIONS/FEGISLATION SDECIEIC FOR THE SUBSTANCE OF MIVTURE				

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE: 15.1 The regulations applicable to this product generally are listed throughout this Safety Data Sheet.

Restrictions on manufacture, placing on market and use:

See section 1.2

Tactile warning of danger:

Not applicable (product for professional or industrial use).

Child safety protection:

Not applicable (product for professional or industrial use).

OTHER REGULATIONS:

Not available.

Control of the risks inherent in major accidents (Seveso III):

See section 7.2

Other local legislations:

The receiver should verify the possible existence of local regulations applicable to the chemical.

CHEMICAL SAFETY ASSESSMENT: 15.2

A chemical safety assessment has not been carried out for this mixture.



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SECTION 16: OTHER INFORMATION

16.1 TEXT OF THE PHRASES AND NOTES REFERENCED IN SECTIONS 2 AND/OR 3:

Hazard statements according the Regulation (EU) No. 1272/2008~2021/849 (CLP), Annex III:

H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H412 Harmful to aquatic life with long lasting effects. EUH066 Repeated exposure may cause skin dryness or cracking. H361 Suspected of damage the unborn child if inhaled. H373 May cause damage to central nervous system through prolonged or repeated exposure if inhaled.

EVALUATION OF THE INFORMATION ON THE DANGER OF MIXTURES:

See sections 9.1, 11.1 and 12.1.

ADVICES ON ANY TRAINING APPROPRIATE FOR WORKERS:

It is recommended for all staff that will handle this product to carry out a basic training in occupational risk and prevention, in order to provide understanding and interpretation of Safety Data Sheets and labelling of products as well.

MAIN LITERATURE REFERENCES AND SOURCES FOR DATA:

- · European Chemicals Agency: ECHA, http://echa.europa.eu/
- · Access to European Union Law, http://eur-lex.europa.eu/
- Industrial Solvents Handbook, Ibert Mellan (Noyes Data Co., 1970).
- · Threshold Limit Values, (AGCIH, 2021).
- · European agreement on the international carriage of dangerous goods by road, (ADR 2021).
- · International Maritime Dangerous Goods Code IMDG including Amendment 39-18 (IMO, 2018).

ABBREVIATIONS AND ACRONYMS:

List of abbreviations and acronyms that can be used (but not necessarily used) in this Safety Data Sheet:

- · REACH: Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
- · GHS: Globally Harmonized System of Classification and Labelling of Chemicals of the United Nations.
- · CLP: European regularion on Classificatin, Labelling amd Packaging of substances and chemical mixtures.
- · EINECS: European Inventory of Existing Commercial Chemical Substances.
- · ELINCS: European List of Notified Chemical Substances
- · CAS: Chemical Abstracts Service (Division of the American Chemical Society).
- · UVCB: Substances of Unknown or Variable composition, complex reaction products or biological materials.
- SVHC: Substances of Very High Concern.
- · PBT: Persistent, bioaccumulable and toxic substances.
- \cdot vPvB: Very persistent and very bioaccumulable substances.
- VOC: Volatile Organic Compounds
- DNEL: Derived No-Effect Level (REACH).
- · PNEC: Predicted No-Effect Concentration (REACH).
- · LC50: Lethal concentration, 50 percent.
- · LD50: Lethal dose, 50 percent.
- · UN: United Nations Organisation.
- · ADR: European agreement concerning the international carriage of dangeous goods by road.
- RID: Regulations concerning the international transport of dangeous goods by rail.
- · IMDG: International Maritime code for Dangerous Goods.
- · IATA: International Air Transport Association.
- ICAO: International Civil Aviation Organization.

SAFETY DATA SHEET REGULATIONS:

Safety Data Sheet in accordance with Article 31 of Regulation (EC) No. 1907/2006 (REACH) and Annex of Regulation (EU) No. 2020/878.

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The information of this Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the users" working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product"s properties.