

SAFETY DATA SHEET

03-February-2022

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

1.1. Product identifier

Trade name or designation

of the mixture

GALVA BRITE PRO

Issue date

Registration number

Synonyms None.

Product code BDS002120AE

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

Identified uses Anti Corrosion Products

Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company name CRC Industries Europe by

Touwslagerstraat 1 **Address**

> 9240 Zele Belgium

+32(0)52/45.60.11 Telephone Fax +32(0)52/45.00.34 E-mail hse@crcind.com Website www.crcind.com

1.4. Emergency telephone

number

Tel.: +32(0)52/45.60.11 (office hours: 9-17h CET)

General in EU

Austria National Poisons

Information Centre

Belgium National Poisons

Control Center

Bulgaria National Toxicological Information

Centre

Czech Republic National

Poisons Information Centre

Denmark National Poisons

Control Center Estonia National Poisons

Information Centre

Finland National Poison Information Center

France National Poisons Control Center

Hungary National

Emergency Phone Number

Lithuania Neatidėliotina

informacija apsinuodijus Malta Accident and

Emergency Department Netherlands National Poisons Information

Center (NVIC)

112 (Available 24 hours a day. SDS/Product information may not be available for

the Emergency Service.)

+431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

070 245 245 (Available 24 hours a day. SDS/Product information may not be

available for the Emergency Service.)

+359 2 9154233 (Available 24 hours a day. SDS/Product information may not be

available for the Emergency Service.)

+420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

+45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be

available for the Emergency Service.)

16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be

available for the Emergency Service.)

available for the Emergency Service.)

(09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

36 80 20 11 99 (Available 24 hours a day. SDS/Product information may not be

+370 5 236 20 52 or +37068753378 (Hours of operation not provided.

SDS/Product information may not be available for the Emergency Service.)

2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

030-274 88 88 (Only for the purpose of informing medical personnel in cases of

acute intoxications)

Material name: GALVA BRITE PRO - Manufacturers

Norway Norwegian Poison 22 59 13 00 (Available 24 hours a day. SDS/Product information may not be

available for the Emergency Service.) **Information Center**

800 250 250 (Available 24 hours a day. SDS/Product information may not be **Portugal Poison Centre**

available for the Emergency Service.)

Romania Număr de telefon care poate fi apelat în caz

021 5992300, int. 291 Spitalul Clinic de Urgență București: spital@urgentafloreasca.ro

de urgență:

0265 212111, 0265 211292, 0265 217235 Spitalul Clinic Judetean de Urgentă Romania

Târgu Mures: secretariat@spitjudms.ro

Slovakia National Toxicological Information

Centre

+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not

be available for the Emergency Service.)

Sweden National Poison Information Center

112 - and ask for Poison Information (Available 24 hours a day. SDS/Product

information may not be available for the Emergency Service.)

Switzerland Tox Info

145 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Suisse

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards

Aerosols Category 1 H222 - Extremely flammable

aerosol.

H229 - Pressurized container: May

burst if heated.

Health hazards

Specific target organ toxicity - single

exposure

Category 3 narcotic effects

H336 - May cause drowsiness or

dizziness.

Specific target organ toxicity - repeated

exposure

Category 2 (central nervous system)

H373 - May cause damage to organs (central nervous system) through prolonged or repeated

exposure.

Environmental hazards

Hazardous to the aquatic environment,

long-term aquatic hazard

Category 2

H411 - Toxic to aquatic life with

long lasting effects.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Ethyl acetate, Hydrocarbons, C9, aromatics, Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic, Contains:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, n-Butyl acetate

Hazard pictograms



Signal word Danger

Hazard statements

Extremely flammable aerosol. H222

Pressurized container: May burst if heated. H229 May cause drowsiness or dizziness. H336

May cause damage to organs (central nervous system) through prolonged or repeated exposure. H373

Toxic to aquatic life with long lasting effects. H411

Precautionary statements

Prevention

Keep out of reach of children. P102

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

Do not spray on an open flame or other ignition source. P211

Do not pierce or burn, even after use. P251 Avoid breathing mist/vapours/spray. P261

Use only outdoors or in a well-ventilated area. P271

Response Not assigned.

Storage

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal

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

Supplemental label information None.

2.3. Other hazards This mixture does not contain substances assessed to be vPvB / PBT according to Regulation

(EC) No 1907/2006, Annex XIII. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or

Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Dimethyl ether	50 - 75	115-10-6 204-065-8	01-2119472128-37	603-019-00-8	#
Classification	Flam. Gas	1A;H220, Press. Gas	s;H280		
Ethyl acetate	5 - 10	141-78-6 205-500-4	01-2119475103-46	607-022-00-5	#
Classification	Flam. Liq.	2;H225, Eye Irrit. 2;H	319, STOT SE 3;H336		
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic	<10	64742-82-1 919-446-0	01-2119458049-33	-	
Classification		3;H226, STOT SE 3; quatic Chronic 2;H41	H336, STOT RE 1;H372, A 1	sp. Tox.	
n-Butyl acetate	1 - 5	123-86-4 204-658-1	01-2119485493-29	607-025-00-1	#
Classification	Flam. Liq.	3;H226, STOT SE 3;	H336		
Hydrocarbons, C9, aromatics	0 - 5	- 918-668-5	01-2119455851-35	649-356-00-4	
Classification	Flam. Liq. Chronic 2;		H335;H336, Asp. Tox. 1;H3	804, Aquatic	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	0 - 5	- 919-857-5	01-2119463258-33	-	
Classification	Flam. Liq.	3;H226, STOT SE 3;	H336, Asp. Tox. 1;H304		
Zinc oxide	<2,5	1314-13-2 215-222-5	01-2119463881-32	030-013-00-7	
Classification	Aquatic A	cute 1;H400, Aquatic	Chronic 1;H410		
calcium;2-ethylhexanoate	<1	136-51-6 205-249-0	01-2119978297-19	-	
Classification	Eye Dam.	1;H318, Repr. 2;H36	1		

List of abbreviations and symbols that may be used above

ATE: Acute toxicity estimate.

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#: This substance has been assigned Union workplace exposure limit(s).

Composition comments The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to

protect themselves.

4.1. Description of first aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison

centre or doctor/physician if you feel unwell.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contactRinse with water. Get medical attention if irritation develops and persists.

Ingestion In the unlikely event of swallowing contact a physician or poison control centre.

Material name: GALVA BRITE PRO - Manufacturers
BDS002120AE Version #: 01 Issue date: 03-February-2022

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

May cause drowsiness or dizziness. Narcosis. Headache. Nausea, vomiting. Behavioural changes. Decrease in motor functions. Prolonged exposure may cause chronic effects.

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

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards

Extremely flammable aerosol.

5.1. Extinguishing media

Suitable extinguishing media

Dry powder. Carbon dioxide (CO2).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Contents under pressure. Pressurised container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters
Special protective

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

equipment for firefighters Special fire fighting procedures

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders

Keep unnecessary personnel away. Avoid breathing mist/vapours. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

6.2. Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. The product is immiscible with water and will spread on the water surface. Prevent entry into waterways, sewer, basements or confined areas. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe mist/vapours. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices

7.2. Conditions for safe storage, including any incompatibilities

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS). Storage class (TRGS 510): 2B (Aerosol dispensers and lighters)

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Material name: GALVA BRITE PRO - Manufacturers
BDS002120AE Version #: 01 Issue date: 03-February-2022

Occupational exposure limits

Austria. MAK List, OEL Ordinance (G Components	wv), BGBI. II, no. 184/2001 Type	Value	Form
Aluminium powder (stabilised) (CAS 7429-90-5)	MAK	5 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.
	STEL	20 mg/m3	Inhalable fraction.
		10 mg/m3	Respirable fraction.
Dimethyl ether (CAS 115-10-6)	Ceiling	3820 mg/m3	
110 10 0)		2000 ppm	
	MAK	1910 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	MAK	734 mg/m3	
•		200 ppm	
	STEL	1468 mg/m3	
		400 ppm	
n-Butyl acetate (CAS 123-86-4)	Ceiling	480 mg/m3	
,		100 ppm	
	MAK	241 mg/m3	
		100 ppm	
Zinc oxide (CAS 1314-13-2)	MAK	5 mg/m3	Fume and respirable dust.
	STEL	20 mg/m3	Inhalable fraction.
		10 mg/m3	Respirable fraction.
Belgium. Exposure Limit Values Components	Туре	Value	Form
Aluminium powder (stabilised) (CAS	TWA	1 mg/m3	Respirable fraction.
7429-90-5)			
Dimethyl ether (CAS 115-10-6)	TWA	1920 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	STEL	1468 mg/m3	
		400 ppm	
	TWA	734 mg/m3	
		200 ppm	
Hydrocarbons, C9-12, n-alkanes, isoalkanes,	TWA	533 mg/m3	
cyclic (CAS 64742-82-1)		100 ppm	
n-Butyl acetate (CAS	STEL	712 mg/m3	
123-86-4)		150 ppm	
	TWA	238 mg/m3	
	1 **/ 1	50 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	30 ррті 10 mg/m3	Respirable fraction.
	TWA	2 mg/m3	Respirable fraction.
Bulgaria. OELs. Regulation No 13 on Components		-	•
Aluminium powder (stabilised) (CAS	TWA	2 mg/m3	

Bulgaria. OELs. Regulation No 13 o Components	n protection of workers againg Type	nst risks of exposure to chem Value	Form
		10 mg/m3	Dust.
		1,5 mg/m3	Respirable fraction.
Dimethyl ether (CAS 115-10-6)	TWA	1920 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	STEL	1468 mg/m3	
		400 ppm	
	TWA	734 mg/m3	
		200 ppm	
n-Butyl acetate (CAS 123-86-4)	STEL	950 mg/m3	
	TWA	710 mg/m3	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	
	TWA	5 mg/m3	
Croatia. Dangerous Substance Exp Components	osure Limit Values in the Wo Type	orkplace (ELVs), Annexes 1 an Value	d 2, Narodne Novine, 13/0 Form
Aluminium powder (stabilised) (CAS	MAC	4 mg/m3	Respirable dust.
7429-90-5)		10 mg/m3	Total dust.
Dimethyl ether (CAS	MAC	1920 mg/m3	rotal duot.
115-10-6)	W/ C	1000 ppm	
Ethyl acetate (CAS	MAC	734 mg/m3	
141-78-6)	W/ CO	704 mg/mo	
		200 ppm	
	STEL	1468 mg/m3	
		400 ppm	
n-Butyl acetate (CAS 23-86-4)	MAC	241 mg/m3	
		50 ppm	
	STEL	723 mg/m3	
		150 ppm	
Zinc oxide (CAS 1314-13-2)	MAC	2 mg/m3	Respirable dust.
	STEL	10 mg/m3	Respirable dust.
Cyprus. OELs. Control of factory at Components	mosphere and dangerous su Type	ıbstances in factories regulati Value	on, PI 311/73, as amended Form
n-Butyl acetate (CAS 123-86-4)	TWA	710 mg/m3	
120 00 4)		150 ppm	
Zinc oxide (CAS 1314-13-2)	TWA	5 mg/m3	Fume.
Czech Republic. OELs. Governmen Components	t Decree 361 Type	Value	Form
<u> </u>			
Aluminium powder (stabilised) (CAS 7429-90-5)	TWA	10 mg/m3	Dust.
Dimethyl ether (CAS 115-10-6)	Ceiling	2000 mg/m3	
•	TWA	1000 mg/m3	
Ethyl acetate (CAS 141-78-6)	Ceiling	900 mg/m3	

Components	ecree 361 Type	Value	Form
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic (CAS 64742-82-1)	Ceiling	1000 mg/m3	
	TWA	200 mg/m3	
n-Butyl acetate (CAS 123-86-4)	Ceiling	1200 mg/m3	
	TWA	950 mg/m3	
Zinc oxide (CAS 1314-13-2)	Ceiling	5 mg/m3	
,	TWA	2 mg/m3	
Denmark Components	Туре	Value	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	TWA	25 ppm	
Denmark. Exposure Limit Values Components	Туре	Value	Form
Aluminium powder (stabilised) (CAS 7429-90-5)	TLV	5 mg/m3	Fume.
·		5 mg/m3	Dust and fume.
		2 mg/m3	Respirable dust and/or fume.
Dimethyl ether (CAS 115-10-6)	TLV	1920 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	TLV	540 mg/m3	
		150 ppm	
n-Butyl acetate (CAS 123-86-4)	TLV	710 mg/m3	
		150 ppm	
Zinc oxide (CAS 1314-13-2)	TLV	4 mg/m3	
Estonia. OELs. Occupational Exposur Components	e Limits of Hazardous Sul Type	bstances (Regulation No. 105/ Value	2001, Annex), as amende Form
Aluminium powder (stabilised) (CAS 7429-90-5)	TWA	4 mg/m3	Fine dust, respiratory fraction
,		10 mg/m3	Total dust.
Dimethyl ether (CAS 115-10-6)	TWA	1920 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	STEL	1100 mg/m3	
		300 ppm	
	TWA	500 mg/m3	
		150 ppm	
n-Butyl acetate (CAS 123-86-4)	STEL	700 mg/m3	
		150 ppm	
	TWA	500 mg/m3	
		400	
		100 ppm	

Finland Components	Type	Value	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	TWA	500 mg/m3	
Finland. Workplace Exp	osure Limits		
Components	Туре	Value	Form
Aluminium powder (stabilised) (CAS (7429-90-5)	TWA	1,5 mg/m3	Welding fume.
Dimethyl ether (CAS 115-10-6)	TWA	2000 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 41-78-6)	STEL	1470 mg/m3	
		400 ppm	
	TWA	730 mg/m3	
		200 ppm	
Hydrocarbons, C9-12, n-alkanes, isoalkanes,	TWA	200 mg/m3	
cyclic (CAS 64742-82-1) n-Butyl acetate (CAS 123-86-4)	STEL	725 mg/m3	
,		150 ppm	
	TWA	240 mg/m3	
		50 ppm	
Zinc oxide (CAS 1314-13-	2) STEL	10 mg/m3	Fume.
(6. 15 16 1 16	TWA	2 mg/m3	Fume.
rance. Threshold Limit	Values (VLEP) for Occupationa	I Exposure to Chemicals in France, INI	RS ED 984
	Туре	Value	Form
Aluminium powder stabilised) (CAS			
Aluminium powder stabilised) (CAS	Type VME	Value 5 mg/m3	Form Dust.
Aluminium powder stabilised) (CAS 7429-90-5) Regulatory status:	Type VME Indicative limit (VL)	Value	Form
Aluminium powder stabilised) (CAS 7429-90-5)	Type VME	Value 5 mg/m3	Form Dust.
Aluminium powder stabilised) (CAS 7429-90-5) Regulatory status:	Type VME Indicative limit (VL)	Value 5 mg/m3 5 mg/m3	Form Dust.
Aluminium powder stabilised) (CAS 7429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS	Type VME Indicative limit (VL) Indicative limit (VL) VME	Value 5 mg/m3 5 mg/m3	Form Dust.
Aluminium powder stabilised) (CAS 7429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS	Type VME Indicative limit (VL) Indicative limit (VL)	Value 5 mg/m3 5 mg/m3 10 mg/m3 1920 mg/m3	Form Dust.
Aluminium powder stabilised) (CAS '429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS 115-10-6) Regulatory status:	Type VME Indicative limit (VL) Indicative limit (VL) VME Regulatory indicative (VRI)	Value 5 mg/m3 5 mg/m3 10 mg/m3	Form Dust.
Aluminium powder (stabilised) (CAS (7429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS (115-10-6)) Regulatory status: Regulatory status: Regulatory status:	Type VME Indicative limit (VL) Indicative limit (VL) VME	Value 5 mg/m3 5 mg/m3 10 mg/m3 1920 mg/m3	Form Dust.
Aluminium powder stabilised) (CAS 7429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS 115-10-6) Regulatory status: Regulatory status: Regulatory status: Ethyl acetate (CAS 141-78-6)	Type VME Indicative limit (VL) Indicative limit (VL) Indicative limit (VL) VME Regulatory indicative (VRI) Regulatory indicative (VRI) VLE	Value 5 mg/m3 5 mg/m3 10 mg/m3 1920 mg/m3	Form Dust.
Aluminium powder stabilised) (CAS 7429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS 115-10-6) Regulatory status: Regulatory status: Regulatory status:	Type VME Indicative limit (VL) Indicative limit (VL) Indicative limit (VL) VME Regulatory indicative (VRI) Regulatory indicative (VRI)	Value 5 mg/m3 5 mg/m3 10 mg/m3 1920 mg/m3	Form Dust.
Aluminium powder stabilised) (CAS 7429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS 115-10-6) Regulatory status: Regulatory status: Regulatory status: Ethyl acetate (CAS 141-78-6)	Type VME Indicative limit (VL) Indicative limit (VL) Indicative limit (VL) VME Regulatory indicative (VRI) Regulatory indicative (VRI) VLE	Value 5 mg/m3 5 mg/m3 10 mg/m3 1920 mg/m3 1000 ppm 1468 mg/m3	Form Dust.
Aluminium powder stabilised) (CAS 7429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS 15-10-6) Regulatory status:	Type VME Indicative limit (VL) Indicative limit (VL) Indicative limit (VL) VME Regulatory indicative (VRI) Regulatory indicative (VRI) VLE Regulatory binding (VRC)	Value 5 mg/m3 5 mg/m3 10 mg/m3 1920 mg/m3 1000 ppm 1468 mg/m3	Form Dust.
Aluminium powder stabilised) (CAS 7429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS 15-10-6) Regulatory status:	Type VME Indicative limit (VL) Indicative limit (VL) Indicative limit (VL) VME Regulatory indicative (VRI) VLE Regulatory binding (VRC) Regulatory binding (VRC)	Value 5 mg/m3 5 mg/m3 10 mg/m3 1920 mg/m3 1000 ppm 1468 mg/m3 400 ppm	Form Dust.
Aluminium powder stabilised) (CAS '429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS 15-10-6) Regulatory status: Regulatory status: Ethyl acetate (CAS 41-78-6) Regulatory status: Regulatory status: Regulatory status:	Type VME Indicative limit (VL) Indicative limit (VL) Indicative limit (VL) VME Regulatory indicative (VRI) Regulatory indicative (VRI) VLE Regulatory binding (VRC) VME	Value 5 mg/m3 5 mg/m3 10 mg/m3 1920 mg/m3 1000 ppm 1468 mg/m3 400 ppm	Form Dust.
Aluminium powder stabilised) (CAS 7429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS 115-10-6) Regulatory status: Regulatory status: Ethyl acetate (CAS 141-78-6) Regulatory status: Regulatory status: Regulatory status:	Type VME Indicative limit (VL) Indicative limit (VL) Indicative limit (VL) VME Regulatory indicative (VRI) Regulatory indicative (VRI) VLE Regulatory binding (VRC) VME	Value 5 mg/m3 5 mg/m3 10 mg/m3 1920 mg/m3 1000 ppm 1468 mg/m3 400 ppm 734 mg/m3	Form Dust.
Aluminium powder (stabilised) (CAS (7429-90-5) Regulatory status: Regulatory status: Regulatory status: Dimethyl ether (CAS (115-10-6) Regulatory status: Regulatory status:	Type VME Indicative limit (VL) Indicative limit (VL) Indicative limit (VL) VME Regulatory indicative (VRI) VLE Regulatory binding (VRC) VME Regulatory binding (VRC) VME Regulatory binding (VRC)	Value 5 mg/m3 5 mg/m3 10 mg/m3 1920 mg/m3 1000 ppm 1468 mg/m3 400 ppm 734 mg/m3	Form Dust.
Regulatory status: Regulatory status: Dimethyl ether (CAS 115-10-6) Regulatory status: Regulatory status: Ethyl acetate (CAS 141-78-6) Regulatory status: Regulatory status: Regulatory status:	Type VME Indicative limit (VL) Indicative limit (VL) Indicative limit (VL) VME Regulatory indicative (VRI) VLE Regulatory binding (VRC) VME Regulatory binding (VRC) VME Regulatory binding (VRC) VME Regulatory binding (VRC) Regulatory binding (VRC)	Value 5 mg/m3 5 mg/m3 10 mg/m3 1920 mg/m3 1000 ppm 1468 mg/m3 400 ppm 734 mg/m3 200 ppm	Form Dust.

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984 Components Type Value Form

Form Components Value **Type** VME 710 mg/m3 Regulatory status: Indicative limit (VL) 150 ppm Regulatory status: Indicative limit (VL) Zinc oxide (CAS 1314-13-2) **VME** 5 mg/m3 Fume. Regulatory status: Indicative limit (VL) 10 mg/m3 Dust.

Regulatory status: Indicative limit (VL)

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

in the Work Area (DFG) Components	Туре	Value	Form
Aluminium powder stabilised) (CAS 7429-90-5)	TWA	4 mg/m3	Inhalable dust.
		1,5 mg/m3	Respirable dust.
Dimethyl ether (CAS 115-10-6)	TWA	1900 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	TWA	750 mg/m3	
		200 ppm	
n-Butyl acetate (CAS 123-86-4)	TWA	480 mg/m3	
		100 ppm	
Zinc oxide (CAS 1314-13-2)	TWA	2 mg/m3	Inhalable fraction.
		0,1 mg/m3	Respirable fraction.
Germany - TRGS 900 Components	Туре	Value	
Hydrocarbons, C9-C11,	TWA	300 mg/m3	
n-alkanes, isoalkanes,			
cyclics, < 2% aromatics	s in the Amhient Air at the Workpla	Ce.	
cyclics, < 2% aromatics Germany. TRGS 900, Limit Values	s in the Ambient Air at the Workplad Type	ce Value	Form
cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder (stabilised) (CAS			Form Inhalable fraction.
cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder (stabilised) (CAS	Туре	Value 10 mg/m3	Inhalable fraction.
cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder stabilised) (CAS 7429-90-5) Dimethyl ether (CAS	Туре	Value	
cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder stabilised) (CAS 7429-90-5) Dimethyl ether (CAS	Type AGW	Value 10 mg/m3 1,25 mg/m3	Inhalable fraction.
cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder stabilised) (CAS 7429-90-5) Dimethyl ether (CAS 115-10-6) Ethyl acetate (CAS	Type AGW	Value 10 mg/m3 1,25 mg/m3 1900 mg/m3	Inhalable fraction.
cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder (stabilised) (CAS (7429-90-5) Dimethyl ether (CAS (115-10-6) Ethyl acetate (CAS	AGW AGW	Value 10 mg/m3 1,25 mg/m3 1900 mg/m3 1000 ppm	Inhalable fraction.
cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder stabilised) (CAS 7429-90-5) Dimethyl ether (CAS 115-10-6) Ethyl acetate (CAS 141-78-6) n-Butyl acetate (CAS	AGW AGW	Value 10 mg/m3 1,25 mg/m3 1900 mg/m3 1000 ppm 730 mg/m3	Inhalable fraction.
cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder (stabilised) (CAS (7429-90-5) Dimethyl ether (CAS (115-10-6) Ethyl acetate (CAS (141-78-6) n-Butyl acetate (CAS	AGW AGW	Value 10 mg/m3 1,25 mg/m3 1900 mg/m3 1000 ppm 730 mg/m3 200 ppm	Inhalable fraction.
Cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder (stabilised) (CAS (7429-90-5) Dimethyl ether (CAS (115-10-6) Ethyl acetate (CAS (141-78-6) n-Butyl acetate (CAS (123-86-4)	AGW AGW	Value 10 mg/m3 1,25 mg/m3 1900 mg/m3 1000 ppm 730 mg/m3 200 ppm 300 mg/m3	Inhalable fraction.
Cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder (stabilised) (CAS (7429-90-5) Dimethyl ether (CAS 115-10-6) Ethyl acetate (CAS 141-78-6) n-Butyl acetate (CAS 123-86-4)	AGW AGW AGW	Value 10 mg/m3 1,25 mg/m3 1900 mg/m3 1000 ppm 730 mg/m3 200 ppm 300 mg/m3 62 ppm	Inhalable fraction. Respirable fraction.
cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder (stabilised) (CAS (7429-90-5) Dimethyl ether (CAS (115-10-6) Ethyl acetate (CAS (141-78-6) n-Butyl acetate (CAS (123-86-4) Zinc oxide (CAS 1314-13-2)	AGW AGW AGW AGW	Value 10 mg/m3 1,25 mg/m3 1900 mg/m3 1000 ppm 730 mg/m3 200 ppm 300 mg/m3 62 ppm 10 mg/m3	Inhalable fraction. Respirable fraction. Inhalable fraction.
cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder (stabilised) (CAS 7429-90-5) Dimethyl ether (CAS 115-10-6) Ethyl acetate (CAS 141-78-6) n-Butyl acetate (CAS 123-86-4) Zinc oxide (CAS 1314-13-2) Greece. OELs (Decree No. 90/1999)	AGW AGW AGW AGW	Value 10 mg/m3 1,25 mg/m3 1900 mg/m3 1000 ppm 730 mg/m3 200 ppm 300 mg/m3 62 ppm 10 mg/m3	Inhalable fraction. Respirable fraction. Inhalable fraction.
Cyclics, < 2% aromatics Germany. TRGS 900, Limit Values Components Aluminium powder (stabilised) (CAS (7429-90-5) Dimethyl ether (CAS 115-10-6) Ethyl acetate (CAS 141-78-6) n-Butyl acetate (CAS 123-86-4) Zinc oxide (CAS 1314-13-2) Greece. OELs (Decree No. 90/1998 Components Aluminium powder (stabilised) (CAS	Type AGW AGW AGW AGW AGW AGW	Value 10 mg/m3 1,25 mg/m3 1900 mg/m3 1000 ppm 730 mg/m3 200 ppm 300 mg/m3 62 ppm 10 mg/m3 1,25 mg/m3	Inhalable fraction. Respirable fraction. Inhalable fraction. Respirable fraction.
cyclics, < 2% aromatics	AGW AGW AGW AGW AGW AGW AGW Type	Value 10 mg/m3 1,25 mg/m3 1900 mg/m3 1000 ppm 730 mg/m3 200 ppm 300 mg/m3 62 ppm 10 mg/m3 1,25 mg/m3 Value	Inhalable fraction. Respirable fraction. Inhalable fraction. Respirable fraction. Form

Material name: GALVA BRITE PRO - Manufacturers

BDS002120AE Version #: 01 Issue date: 03-February-2022

Greece. OELs (Decree No. 90/1999,			_
Components	Туре	Value	Form
		10 mg/m3	Welding fume.
Dimethyl ether (CAS 115-10-6)	TWA	1920 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	STEL	1468 mg/m3	
		400 ppm	
	TWA	734 mg/m3	
		200 ppm	
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic (CAS 64742-82-1)	STEL	720 mg/m3	
		125 ppm	
	TWA	575 mg/m3	
		100 ppm	
n-Butyl acetate (CAS 123-86-4)	STEL	950 mg/m3	
30 .,		200 ppm	
	TWA	710 mg/m3	
		150 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Fume.
Zine Oxide (OAO 1314-13-2)	TWA	5 mg/m3	Fume.
		5 mg/ms	rume.
Hungary. OELs. Joint Decree on Ch Components	emical Safety of Workplaces Type	Value	Form
Aluminium powder (stabilised) (CAS 7429-90-5)	TWA	1 mg/m3	Respirable.
Dimethyl ether (CAS 115-10-6)	TWA	1920 mg/m3	
Ethyl acetate (CAS 141-78-6)	STEL	1468 mg/m3	
	TWA	734 mg/m3	
n-Butyl acetate (CAS 123-86-4)	STEL	723 mg/m3	
	TWA	241 mg/m3	
Zinc oxide (CAS 1314-13-2)	TWA	5 mg/m3	Fume.
		5 mg/m3	Dust.
Iceland. OELs. Regulation 154/1999 Components	on occupational exposure limits Type	Value	Form
Aluminium powder (stabilised) (CAS 7429-90-5)	STEL	10 mg/m3	Dust.
	TWA	5 mg/m3	Dust.
Dimethyl ether (CAS 115-10-6)	TWA	1885 mg/m3	
		1000 ppm	
Ethyl acetate (CAS	TWA	540 mg/m3	
141-78-6)		150 ppm	
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic (CAS 64742-82-1)	TWA	145 mg/m3	
		25 ppm	
n-Butyl acetate (CAS	TWA	700 mg/m3	
123-86-4)			

Components	Туре	Value	Form
Zinc oxide (CAS 1314-13-2)	TWA	4 mg/m3	Fume.
reland. Occupational Exposure Limits Components	Туре	Value	Form
Aluminium powder stabilised) (CAS 7429-90-5)	TWA	1 mg/m3	Respirable fraction.
Dimethyl ether (CAS 115-10-6)	TWA	1920 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	STEL	1468 mg/m3	
		400 ppm	
	TWA	734 mg/m3	
		200 ppm	
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic (CAS 64742-82-1)	TWA	573 mg/m3	
,		100 ppm	
n-Butyl acetate (CAS 123-86-4)	STEL	950 mg/m3	
		200 ppm	
	TWA	710 mg/m3	
		150 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Respirable fraction and fume.
	TWA	2 mg/m3	Respirable fraction and fume.
taly. Occupational Exposure Limits			
Components	Туре	Value	Form
Aluminium powder (stabilised) (CAS 7429-90-5)	TWA	1 mg/m3	Respirable fraction.
Dimethyl ether (CAS 115-10-6)	TWA	1920 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	STEL	1468 mg/m3	
		400 ppm	
	TWA	734 mg/m3	
		200 ppm	
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic (CAS 64742-82-1)	TWA	100 ppm	
n-Butyl acetate (CAS 123-86-4)	STEL	723 mg/m3	
		150 ppm	
	TWA	241 mg/m3	
		50 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Respirable fraction.
	TWA	2 mg/m3	Respirable fraction.
Latvia. OELs. Occupational exposure lim Components	it values of chemical substances Type	s in work environment Value	
Aluminium powder	TWA	2 mg/m3	

Latvia. OELs. Occupational exposu Components	Type	Value	••
Dimethyl ether (CAS 15-10-6)	TWA	1920 mg/m3	
,		1000 ppm	
Ethyl acetate (CAS 41-78-6)	STEL	1468 mg/m3	
		400 ppm	
	TWA	200 mg/m3	
		54 ppm	
lydrocarbons, C9-12, -alkanes, isoalkanes, yclic (CAS 64742-82-1)	STEL	300 mg/m3	
yelle (CAS 04742-02-1)	TWA	200 mg/m3	
-Butyl acetate (CAS	STEL	723 mg/m3	
23-86-4)	0122	150 ppm	
	TWA	241 mg/m3	
		50 ppm	
Zinc oxide (CAS 1314-13-2)	TWA	0,5 mg/m3	
,		-	
Lithuania. OELs. Limit Values for (Components	Chemical Substances, Genera Type	il Requirements Value	Form
Numinium powder stabilised) (CAS '429-90-5)	TWA	5 mg/m3	Inhalable fraction.
, in the second		2 mg/m3	Respirable fraction.
oimethyl ether (CAS 15-10-6)	STEL	2280 mg/m3	
		1500 ppm	
	TWA	1920 mg/m3	
		1000 ppm	
thyl acetate (CAS 41-78-6)	Ceiling	1100 mg/m3	
		300 ppm	
	TWA	500 mg/m3	
		150 ppm	
Zinc oxide (CAS 1314-13-2)	TWA	5 mg/m3	
.uxembourg. Binding Occupationa Components	al exposure limit values (Anne Type	ex I), Memorial A Value	
Ethyl acetate (CAS 41-78-6)	STEL	1468 mg/m3	
,		400 ppm	
-Butyl acetate (CAS	STEL	723 mg/m3	
23-86-4)		150 ppm	
Malta. OELs. Occupational Exposu Schedules I and V)		-	y Authority Act (CAP. 424
Components	Туре	Value	
	TWA	1920 mg/m3	
Dimethyl ether (CAS			
Dimethyl ether (CAS 15-10-6)		1000 ppm	
Dimethyl ether (CAS 15-10-6) Ethyl acetate (CAS	STEL	1468 mg/m3	
Dimethyl ether (CAS 15-10-6) Ethyl acetate (CAS	STEL	1468 mg/m3 400 ppm	
Dimethyl ether (CAS 15-10-6) Ethyl acetate (CAS 41-78-6)		1468 mg/m3	

Netherlands. OELs (binding)			
Components	Туре	Value	
Dimethyl ether (CAS 115-10-6)	STEL	1500 mg/m3	
,	TWA	950 mg/m3	
Ethyl acetate (CAS 141-78-6)	STEL	1468 mg/m3	
,	TWA	734 mg/m3	
Norway Components	Type	Value	
	Type		
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	TWA	275 mg/m3	
Norway. Administrative Norms for Con			F
Components	Туре	Value	Form
Aluminium powder (stabilised) (CAS 7429-90-5)	TLV	5 mg/m3	Pyrophoric powder.
		5 mg/m3	Welding fume.
Dimethyl ether (CAS 115-10-6)	TLV	384 mg/m3	
		200 ppm	
Ethyl acetate (CAS 141-78-6)	STEL	1468 mg/m3	
		400 ppm	
	TLV	734 mg/m3	
		200 ppm	
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic (CAS 64742-82-1)	TLV	120 mg/m3	
,		25 ppm	
n-Butyl acetate (CAS 123-86-4)	TLV	355 mg/m3	
		75 ppm	
Zinc oxide (CAS 1314-13-2)	TLV	5 mg/m3	Respirable dust.
		5 mg/m3	Dust.
		10 mg/m3	Total dust.
Poland. Ordinance of the Minister of La concentrations and intensities of harm Components			
Aluminium powder	TWA	2,5 mg/m3	Inhalable fraction.
(stabilised) (CAS 7429-90-5)	IWA	z,s mg/ms	ililalable llaction.
		1,2 mg/m3	Respirable fraction.
		0 ppm	Respirable fraction.
		0 ppm	Inhalable fraction.
Dimethyl ether (CAS 115-10-6)	TWA	1000 mg/m3	
		0 ppm	
Ethyl acetate (CAS 141-78-6)	STEL	1468 mg/m3	
		0 ppm	
	TWA	734 mg/m3	
		0 ppm	
Hydrocarbons, C9-12, n-alkanes, isoalkanes,	STEL	900 mg/m3	
cyclic (CAS 64742-82-1)		0 ppm	
		о ррпі	

Poland. Ordinance of the Minister of Labour and Social Policy on 6 June 2014 on the maximum permissible concentrations and intensities of harmful health factors in the work environment, Journal of Laws 2014, item 817 Components

Type

Value

Form

Туре	Value	Form
	139 ppm	
TWA	400 mg/m3	
	111 ppm	
STEL	1000 mg/m3	
T\A/A	700 ma/m2	
	· ·	
SIEL	•	
Τ\Λ/Δ		
1 7 7 7	_	
STEI		Fume.
	-	Fume.
	-	
0/2007 concerning protection of Type	of health in work with chemic Value	al agents Form
TWA	4 mg/m3	Inhalable fraction.
	1,5 mg/m3	Respirable fraction.
TWA	1920 mg/m3	·
	1000 ppm	
STEL	1468 mg/m3	
	400 ppm	
TWA	734 mg/m3	
	200 ppm	
STEL	600 mg/m3	
	100 ppm	
TWA	300 mg/m3	
	50 ppm	
STEL	723 mg/m3	
	150 ppm	
TWA	241 mg/m3	
	50 ppm	
STEL	1 mg/m3	Respirable fume.
TWA	1 mg/m3	Respirable fume.
	gainst risks due to exposure	to chemicals while working
Туре	Value	Form
	10 mg/m2	
TWA	10 mg/m3	Inhalable fraction.
TWA	1,25 mg/m3	Respirable fraction.
TWA	1,25 mg/m3 1920 mg/m3	
	1,25 mg/m3	
	1,25 mg/m3 1920 mg/m3	
	TWA STEL TWA STEL TWA STEL TWA 0/2007 concerning protection of Type TWA TWA STEL TWA	TWA 400 mg/m3 1111 ppm STEL 1000 mg/m3 TWA 700 mg/m3 STEL 950 mg/m3 STEL 950 ppm TWA 715 mg/m3 150 ppm STEL 10 mg/m3 TWA 5 mg/m3 D/2007 concerning protection of health in work with chemic Type Value TWA 4 mg/m3 TWA 1920 mg/m3 TWA 1920 mg/m3 TWA 1920 mg/m3 TWA 734 mg/m3 200 ppm STEL 1468 mg/m3 400 ppm TWA 734 mg/m3 200 ppm STEL 1000 ppm TWA 300 mg/m3 50 ppm STEL 723 mg/m3 150 ppm TWA 300 ppm TWA 300 ppm TWA 300 mg/m3 50 ppm STEL 723 mg/m3 50 ppm STEL 723 mg/m3 50 ppm STEL 1 mg/m3 50 ppm

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Components	Туре	Value	Form
n-Butyl acetate (CAS 123-86-4)	TWA	300 mg/m3	
		62 ppm	
Zinc oxide (CAS 1314-13-2)	TWA	10 mg/m3	Inhalable fraction.
		1,25 mg/m3	Respirable fraction.
Spain. Occupational Exposure Lin Components	nits Type	Value	Form
Aluminium powder	TWA	5 mg/m3	Welding fume.
stabilised) (CAS 7429-90-5)		ogo	
		10 mg/m3	Dust.
Dimethyl ether (CAS 15-10-6)	TWA	1920 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	STEL	1468 mg/m3	
		400 ppm	
	TWA	734 mg/m3	
		200 ppm	
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic (CAS 64742-82-1)	STEL	580 mg/m3	
,		100 ppm	
	TWA	290 mg/m3	
		50 ppm	
n-Butyl acetate (CAS 123-86-4)	STEL	965 mg/m3	
·		200 ppm	
	TWA	724 mg/m3	
		150 ppm	
Zinc oxide (CAS 1314-13-2)	STEL	10 mg/m3	Respirable fraction.
	TWA	2 mg/m3	Respirable fraction.
Sweden			
Components	Туре	Value	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes,	STEL (STV)	600 mg/m3	
cyclics, < 2% aromatics	TIA/A	000 / 0	
0 OFI . W	TWA	300 mg/m3	0045 7)
Sweden. OELs. Work Environmen Components	t Authority (AV), Occupational E Type	xposure Limit Values (AFS Value	2015:7) Form
Aluminium powder (stabilised) (CAS 7429-90-5)	TWA	5 mg/m3	Total dust.
•		2 mg/m3	Respirable dust.
Dimethyl ether (CAS	STEL	1500 mg/m3	
115-10-6)		800 ppm	
	TWA	950 mg/m3	
		500 ppm	
		• •	
Ethyl acetate (CAS 141-78-6)	Ceiling	1100 mg/m3	
	Ceiling	·	
Ethyl acetate (CAS 141-78-6)	Ceiling TWA	300 ppm 550 mg/m3	

-Butyl acetate (CAS	Ceiling	723 mg/m3	
23-86-4)		150 ppm	
	STEL	700 mg/m3	
	0122	150 ppm	
	TWA	500 mg/m3	
		100 ppm	
inc oxide (CAS 1314-13-2)	TWA	5 mg/m3	Total dust.
witzerland		- J	
omponents	Туре	Value	
ydrocarbons, C9-C11, alkanes, isoalkanes, /clics, < 2% aromatics	STEL	6000 mg/m3	
	TWA	300 mg/m3	
witzerland. SUVA Grenzwerte am	•		_
omponents	Туре	Value	Form
luminium powder stabilised) (CAS 429-90-5)	TWA	3 mg/m3	Respirable fraction.
imethyl ether (CAS 15-10-6)	TWA	1910 mg/m3	
		1000 ppm	
Ethyl acetate (CAS 141-78-6)	STEL	1460 mg/m3	
		400 ppm	
	TWA	730 mg/m3	
		200 ppm	
ydrocarbons, C9-12, alkanes, isoalkanes, rclic (CAS 64742-82-1)	TWA	525 mg/m3	
		100 ppm	
Butyl acetate (CAS 23-86-4)	STEL	720 mg/m3	
		150 ppm	
	TWA	240 mg/m3	
ne ovido (CAS 1211 12 2)	STEL	50 ppm	Dosnirahla fuma
nc oxide (CAS 1314-13-2)	TWA	3 mg/m3 3 mg/m3	Respirable fume. Respirable fume.
IZ ELIZA W		o mg/mo	rrespirable luttle.
K. EH40 Workplace Exposure Lim omponents	its (WELs) Type	Value	Form
uminium powder tabilised) (CAS 129-90-5)	TWA	4 mg/m3	Respirable dust.
		10 mg/m3	Inhalable dust.
imethyl ether (CAS 15-10-6)	STEL	958 mg/m3	
		500 ppm	
	TWA	766 mg/m3	
	OTE:	400 ppm	
thyl acetate (CAS 11-78-6)	STEL	1468 mg/m3	
		400 ppm	
	TWA	734 mg/m3	

IIK	EH40	Workplace	Evnosuro	Limite	(WELs)
UN.	C H U	vvorkbiace	Exposure	LIIIIIIS	(VVELS)

Components	Туре	Value	Form
n-Butyl acetate (CAS 123-86-4)	STEL	966 mg/m3	
		200 ppm	
	TWA	724 mg/m3	
		150 ppm	
Zinc oxide (CAS 1314-13-2)	TWA	4 mg/m3	Respirable dust.
		10 mg/m3	Inhalable dust.

EU. Indicative Exposure Limit Values in Directives 91/322/EEC. 2000/39/EC. 2006/15/EC. 2009/161/EU. 2017/164/EU

Components	Туре	Value
Dimethyl ether (CAS 115-10-6)	TWA	1920 mg/m3
		1000 ppm
Ethyl acetate (CAS 141-78-6)	STEL	1468 mg/m3
		400 ppm
	TWA	734 mg/m3
		200 ppm
n-Butyl acetate (CAS 123-86-4)	STEL	723 mg/m3
		150 ppm
	TWA	241 mg/m3
		50 ppm

Biological limit values

7429-90-5)

Croatia. BLV. Dangerous Substance Exposure Limit Values at Workplace, Annexes 4 (as amended) Components Value **Determinant** Specimen **Sampling Time**

Components	Value	Dotorrimant	Opcomion	oumpning im
Aluminium powder	200 mg/l	Aluminium	Urine	*
(stabilised) (CAS				

^{* -} For sampling details, please see the source document.

Germany, TRGS 903, BAT List (Biological Limit Values)

Components	Value	Determinant	Specimen	Sampling Time
Aluminium powder (stabilised) (CAS 7429-90-5)	50 μg/g	Aluminium	Urine	*

^{* -} For sampling details, please see the source document.

Hungary. Chemical Safety at Workplace Ordinance Joint Decree No. 25/2000 (Annex 2): Permissible limit values of biological exposure (effect) indices

Components	Value	Determinant	Specimen	Sampling Time
Aluminium powder (stabilised) (CAS 7429-90-5)	0,25 μmol/mmol	Aluminium	Creatinine in urine	*
	0,06 mg/g	Aluminium	Creatinine in urine	*

Sampling Time

Switzerland. BAT-Werte (Biological Limit Values in the Workplace as per SUVA) Value **Determinant** Specimen Components

Aluminium powder	50 μg/g	Aluminium	Creatinine in
(stabilised) (CAS			urine
7429-90-5)			

^{* -} For sampling details, please see the source document.

Recommended monitoring

Follow standard monitoring procedures.

procedures

^{* -} For sampling details, please see the source document.

Derived no effect levels (DNELs)

General Population

Components	Value	Assessment factor	Notes
calcium;2-ethylhexanoate (CAS 136-51-6)			
Long-term, Systemic, Dermal Long-term, Systemic, Inhalation	6 mg/kg bw/day 8 mg/m3	40 10	Effect on fertility Effect on fertility
Dimethyl ether (CAS 115-10-6)			
Long-term, Systemic, Inhalation	471 mg/m3	25	Repeated dose toxicity
Ethyl acetate (CAS 141-78-6)			
Long-term, Local, Inhalation Long-term, Systemic, Dermal Short-term, Local, Inhalation	367 mg/m3 37 mg/kg bw/day 734 mg/m3		irritation respiratory tract irritation respiratory tract irritation respiratory tract
Hydrocarbons, C9, aromatics (CAS -)			
Long-term, Local, Inhalation Long-term, Systemic, Dermal	180 mg/m3 11 mg/kg bw/day	56	Repeated dose toxicity
Hydrocarbons, C9-C11, n-alkanes, isoalkane	s, cyclics, < 2% aromatics	(CAS -)	
Long-term, Systemic, Dermal Long-term, Systemic, Inhalation Long-term, Systemic, Oral	300 mg/kg 900 mg/m3 300 mg/kg		
n-Butyl acetate (CAS 123-86-4)			
Long-term, Local, Inhalation Short-term, Local, Inhalation Short-term, Systemic, Dermal	35,7 mg/m3 300 mg/m3 6 mg/kg bw/day	12 100	irritation respiratory tract irritation respiratory tract Neurotoxicity
•	o mg/kg bw/day	100	Neurotoxicity
<u>Workers</u> Components	Value	Assessment factor	Notes
calcium;2-ethylhexanoate (CAS 136-51-6)	value	Assessment factor	Notes
Long-term, Systemic, Dermal	5,67 mg/kg bw/day	20	developmental toxicity /
Long-term, Systemic, Inhalation	32 mg/m3	5	teratogenicity developmental toxicity / teratogenicity
Dimethyl ether (CAS 115-10-6)			3 ,
Long-term, Systemic, Inhalation	1894 mg/m3	12,5	Repeated dose toxicity
Ethyl acetate (CAS 141-78-6)	J	,-	,
Long-term, Local, Inhalation Long-term, Systemic, Dermal Short-term, Local, Inhalation	734 mg/m3 63 mg/kg bw/day 1468 mg/m3		irritation respiratory tract irritation respiratory tract irritation respiratory tract
Hydrocarbons, C9, aromatics (CAS -)	Ü		, ,
Long-term, Local, Inhalation Long-term, Systemic, Dermal	840 mg/m3 25 mg/kg bw/day	24	Repeated dose toxicity
Hydrocarbons, C9-C11, n-alkanes, isoalkane		(CAS -)	,
Long-term, Systemic, Dermal Short-term, Systemic, Inhalation	300 mg/kg 1500 mg/m3	(
n-Butyl acetate (CAS 123-86-4)	-		
Long-term, Local, Inhalation Long-term, Systemic, Dermal Short-term, Systemic, Dermal Short-term, Systemic, Inhalation	300 mg/m3 7 mg/kg bw/day 11 mg/kg bw/day 600 mg/m3	6 25 50	irritation respiratory tract Repeated dose toxicity Neurotoxicity irritation respiratory tract
licted no effect concentrations (PNECs)	Value	A	Natas
Components Directly of their (CAS 445 40 6)	Value	Assessment factor	Notes
Dimethyl ether (CAS 115-10-6) Freshwater	0,155 mg/l	1000	
Sediment (freshwater) Soil STP	0,681 mg/kg 0,045 mg/kg 160 mg/l	10	
Ethyl acetate (CAS 141-78-6)	Ŭ		
Freshwater Sediment (freshwater)	0,24 mg/l 1,15 mg/kg	10	
Soil	0,148 mg/kg		
n-Butyl acetate (CAS 123-86-4) Freshwater	0,18 mg/l	100	
Sediment (freshwater)	0,981 mg/kg		

Soil 0,09 mg/kg

Exposure guidelines

Greece OEL: Skin designation

Ethyl acetate (CAS 141-78-6) Can be absorbed through the skin.

Iceland OELs: Skin designation

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic

(CAS 64742-82-1)

Spain OELs: Skin designation

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic

(CAS 64742-82-1)

Sweden Threshold Limit Values: Skin designation

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic Can be absorbed through the skin.

(CAS 64742-82-1)

8.2. Exposure controls

Appropriate engineering

controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Can be absorbed through the skin.

Can be absorbed through the skin.

Individual protection measures, such as personal protective equipment

General information Use personal protective equipment as required. Personal protection equipment should be chosen

according to the CEN standards and in discussion with the supplier of the personal protective

equipment.

Eye/face protection Wear safety glasses with side shields (or goggles). Use eye protection conforming to EN 166.

Skin protection

When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough - Hand protection

time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Full contact: Glove material: nitrile. Use gloves with breakthrough time of 480 minutes. Minimum glove thickness 0.38 mm.

- Other Not available.

Respiratory protection Chemical respirator with organic vapour cartridge and full facepiece. (Filter type A)

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Hygiene measures When using do not smoke. Always observe good personal hygiene measures, such as washing

after handling the material and before eating, drinking, and/or smoking. Routinely wash work

clothing and protective equipment to remove contaminants.

Environmental exposure

controls

Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable

levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid. Aerosol. **Form** Grey. Colour Solvent. Odour

-83 °C (-117,4 °F) estimated Melting point/freezing point Boiling point or initial boiling

77 °C (170,6 °F) estimated

point and boiling range

Flammability (solid, gas) Not available. Upper/lower flammability or explosive limits

Explosive limit - lower (%) 0,6 % estimated Explosive limit - upper

(%)

7,5 % estimated

< 0 °C (< 32,0 °F) Flash point > 200 °C (> 392 °F) **Auto-ignition temperature Decomposition temperature** Not available. pН Not applicable.

Solubility(ies)

Solubility (water) Insoluble in water Vapour pressureNot available.Vapour densityNot available.Relative density0,97 g/cm3 at 20°CParticle characteristicsNot available.

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No relevant additional information available.

9.2.2. Other safety characteristics

Explosive properties Not explosive.

Heat of combustion 23,39 kJ/g estimated

Oxidising properties Not oxidising.

VOC 675 g/l

SECTION 10: Stability and reactivity

10.1. ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability Material is stable under normal conditions.

10.3. Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid Avoid high temperatures.

10.5. Incompatible materials Strong oxidising agents. Nitrates.

10.6. Hazardous Carbon oxides.

decomposition products

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be

harmful.

Skin contact

Based on available data, the classification criteria are not met.

Eye contact

Based on available data, the classification criteria are not met.

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of

occupational exposure.

Symptoms May cause drowsiness or dizziness. Narcosis. Headache. Nausea, vomiting. Behavioural

changes. Decrease in motor functions.

11.1. Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

Components	Species	Test Results	
Dimethyl ether (CAS 115-10-6)			
<u>Acute</u>			
Inhalation			
LC50	Rat	308,5 mg/l, 4 Hours	

Ethyl acetate (CAS 141-78-6)

Acute Dermal

LD50 Rabbit 20000 mg/kg

Inhalation

LC50 Rat 16000 ppm, 6 Hours

Oral

LD50 Rat 5,6 g/kg

Hydrocarbons, C9, aromatics

Acute Dermal

LD50 Rabbit > 3160 mg/kg

Oral

LD50 Rat 3592 mg/kg

Material name: GALVA BRITE PRO - Manufacturers

Components Species Test Results

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

<u>Acute</u>

Dermal

LD50 Rabbit > 5000 mg/kg

Oral

LD50 Rat > 5000 mg/kg

n-Butyl acetate (CAS 123-86-4)

<u>Acute</u>

Dermal

LD50 Rabbit 14122 mg/kg

Inhalation

LC50 Rat 23,4 mg/l/4h

Oral

LD50 Rat 14000 mg/kg

Zinc oxide (CAS 1314-13-2)

<u>Acute</u>

Dermal

LD50 Rabbit > 2000 mg/l

Inhalation

LC50 Mammal 2500 mg/m³

Oral

LD50 Mouse 7950 mg/kg

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/eye

Based on available data, the classification criteria are not met.

irritation

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic (CAS 64742-82-1)

IARC Monographs. Overall Evaluation of Carcinogenicity

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic 3 Not classifiable as to carcinogenicity to humans. (CAS 64742-82-1)

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Zinc oxide (CAS 1314-13-2) Carcinogenic, Category 1A

Reproductive toxicity Based on available data, the classification criteria are not met.

Specific target organ toxicity -

single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity -

repeated exposure

May cause damage to organs (central nervous system) through prolonged or repeated exposure.

Aspiration hazard Not likely, due to the form of the product.

Mixture versus substance

information

Not available.

11.2. Information on other hazards

Endocrine disrupting

properties

The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU)

2018/605 at levels of 0.1% or higher.

Other information Not available.

SECTION 12: Ecological information

12.1. Toxicity Toxic to aquatic life with long lasting effects.

Test Results Components **Species** Dimethyl ether (CAS 115-10-6) Aquatic Acute Crustacea EC50 Daphnia 4,4 mg/l LC50 Fish Fish 4,1 mg/l Ethyl acetate (CAS 141-78-6) Aquatic Acute EC50 3300 mg/l, 48 h Algae Algae EC50 717 mg/l, 48 h Crustacea Crustacea Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics Acute Other LC50 Pseudokirchnerella subcapitata > 1000 mg/l, 72 h Aquatic Acute Fish LC50 Oncorhynchus mykiss > 1000 mg/ln-Butyl acetate (CAS 123-86-4) Aquatic Acute EC50 675 mg/l, 72 h Algae Algae Crustacea EC50 Daphnia 73 mg/l, 24 h Fish Fish LC50 62 mg/l, 96 h Zinc oxide (CAS 1314-13-2) Acute EC50 Selenastrum capricornutum (new name 0,137 mg/l, 72 hours Pseudokirchnerella subca Aquatic Acute EC50 Crustacea Daphnia magna 0,413 mg/l, 48 hours Chronic Crustacea **NOEC** Daphnia magna 82 µg/l, 7 days 12.2. Persistence and No data is available on the degradability of any ingredients in the mixture. degradability 12.3. Bioaccumulative potential **Partition coefficient** n-octanol/water (log Kow) Dimethyl ether 0,1 Ethyl acetate 0,73 n-Butyl acetate 1,78 No data available. 12.4. Mobility in soil 12.5. Results of PBT and vPvB This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. assessment The product does not contain components considered to have endocrine disrupting properties 12.6. Endocrine disrupting according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) properties 2018/605 at levels of 0.1% or higher. 12.7. Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential. GWP: 1 Substance Global Warming Potential per (Annex IV), Regulation 517/2014/EU on fluorinated greenhouse gases, as Dimethyl ether (CAS 115-10-6) 1 12.8. Additional information Estonia Dangerous substances in soil Data Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic Chemical pesticides (As the total sum of the active substances) (CAS 64742-82-1) 0,5 mg/kg

mg/kg

Chemical pesticides (As the total sum of the active substances) 20

mg/kg

Zinc oxide (CAS 1314-13-2)

Zinc (Zn) 1000 mg/kg Zinc (Zn) 200 mg/kg Zinc (Zn) 500 mg/kg

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal. Do not re-use empty containers.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents Disposal methods/information

under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international

regulations.

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number UN1950

14.2. UN proper shipping AEROSOLS, flammable

name

14.3. Transport hazard class(es)

2.1 Class Subsidiary risk 2.1 Label(s)

Not available. Hazard No. (ADR)

Tunnel restriction code D

14.4. Packing group Not available.

14.3. Transport hazard class(es)

ADR/RID - Classification 5F

code:

14.5. Environmental hazards Yes

14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling.

for user

14.1. UN number UN1950

14.2. UN proper shipping Aerosols, flammable

name

14.3. Transport hazard class(es)

2.1 Class Subsidiary risk

Not available. 14.4. Packing group

14.5. Environmental hazards Yes **ERG Code**

14.6. Special precautions

for user

Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

Allowed with restrictions.

aircraft

Cargo aircraft only Allowed with restrictions.

IMDG

14.1. UN number UN1950

14.2. UN proper shipping Aerosols, flammable, MARINE POLLUTANT

name

14.3. Transport hazard class(es) Class 2.1 Subsidiary risk

14.4. Packing group Not available.

Material name: GALVA BRITE PRO - Manufacturers

14.5. Environmental hazards

Marine pollutant Yes EmS F-D, S-U

14.6. Special precautions

for user

Read safety instructions, SDS and emergency procedures before handling.

14.7. Maritime transport in bulk Not established. according to IMO instruments

ADR; IATA; IMDG



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

SECTION 15: Regulatory information

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

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Ethyl acetate (CAS 141-78-6) Zinc oxide (CAS 1314-13-2)

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Dimethyl ether (CAS 115-10-6)

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic (CAS 64742-82-1)

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclic (CAS 64742-82-1)

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Dimethyl ether (CAS 115-10-6) Ethyl acetate (CAS 141-78-6) n-Butyl acetate (CAS 123-86-4) Zinc oxide (CAS 1314-13-2)

Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation

(EC) No 1907/2006, as amended.

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as National regulations

amended.

15.2. Chemical safety

assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

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. ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road.

AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert - Germany).

ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP).

CAS: Chemical Abstract Service.

Ceiling: Short Term Exposure Limit Ceiling value. CEN: European Committee for Standardization.

CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.

GWP: Global Warming Potential.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

MAC: Maximum Allowed Concentration.

MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG). MARPOL: International Convention for the Prevention of Pollution from Ships.

PBT: Persistent, bioaccumulative and toxic.

REACH: Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals). RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer). RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

STEL: Short term exposure limit. TLV: Threshold Limit Value. TWA: Time Weighted Average.

VLE: Exposure Limit Value. VME: Exposure Average Value. VOC: Volatile organic compounds.

vPvB: Very persistent and very bioaccumulative.

STEL: Short-term Exposure Limit.

References

Not available.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any H-statements not written out in full under Sections 2 to 15

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child. H372 Causes damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Material name: GALVA BRITE PRO - Manufacturers

BDS002120AE Version #: 01 Issue date: 03-February-2022

H411 Toxic to aquatic life with long lasting effects.

None.

Revision information Training information Disclaimer

Follow training instructions when handling this material.

CRC Industries Europe byba cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.

Material name: GALVA BRITE PRO - Manufacturers
BDS002120AE Version #: 01 Issue date: 03-February-2022