

1.1. Product identifier

Furseweld[™] Exothermic Welding Powder (Starter)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 3/24/2022 Revision date: 3/24/2022 Version: 1.0

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

Product form	: Mixture
Product name	: Furseweld Exothermic Welding Powder (Starter)
Product codes	: 15P10-FU, 25P10-FU, 32P10-FU, 45P10-FU, 65P10-FU, 90P10-FU, 115P10-FU, 150P10- FU, 200P10-FU & 250P10-FU.

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

1.2.1. Relevant identified uses

Main use category	: Industrial use
Use of the substance/mixture	: A starter powder used in conjunction with Furseweld™ welding materials. This product is
	not sold separately to the Furseweld™ Main Exothermic Welding Powder.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer ABB Furse Wilford Road, Nottingham United Kingdom NG2 1EB

Tel: +44 (0) 115 964 3700 Fax: +44 (0) 115 986 0071 www.furse.com

1.4. Emergency telephone number

Emergency number

: Tel: +44 (0) 115 964 3700

SECTION 2: Hazards identification

	2.1.	Classi	fication	of the	subst	tance o	or mixture
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Classification according	o Regulation (EC) N	lo. 1272/2008 [CLP]

Pyr. Sol. 1	H250
Water-react. 1	H260
Acute Tox. 4 (Oral)	H302
Aquatic Acute 1	H400
Aquatic Chronic 1	H410
Full text of hazard classes, H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Hazard statements (CLP) :	H250 - Catches fire spontaneously if exposed to air. H260 - In contact with water releases flammable gases which may ignite spontaneously. H302 - Harmful if swallowed.
Precautionary statements (CLP) :	 H410 - Very toxic to aquatic life with long lasting effects. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P231+P232 - Handle and store contents under inert gas. Protect from moisture. P233 - Keep container tightly closed. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P302+P335+P334 - IF ON SKIN: Brush off loose particles from skin. Immerse in cool water.
Unknown acute toxicity (CLP) - SDS :	P391 - Collect spillage. 70% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Copper oxide (CuO)	CAS-No.: 1317-38-0 EC-No.: 215-269-1 EC Index-No.: 029-016-00-6 REACH-no: 01-2119502447- 44	70 – 80	Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=10)
Magnesium (Note T)	CAS-No.: 7439-95-4 EC-No.: 231-104-6 EC Index-No.: 012-001-00- 3;012-002-00-9	30 – 40	Pyr. Sol. 1, H250 Water-react. 1, H260 Acute Tox. 3 (Oral), H301 (ATE=230 mg/kg bodyweight)

Note T : This substance may be marketed in a form which does not have the physical hazards as indicated by the classification in the entry in Part 3. If the results of the relevant method or methods in accordance with Part 2 of Annex I of this Regulation show that the specific form of substance marketed does not exhibit this physical property or these physical hazards, the substance shall be classified in accordance with the result or results of this test or these tests. Relevant information, including reference to the relevant test method(s) shall be included in the safety data sheet. Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

First-aid measures after skin contact	: Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages. Obtain medical attention if irritation persists.
First-aid measures after eye contact	 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a POISON CENTER/doctor if you feel unwell.
4.2. Most important symptoms and eff	ects, both acute and delayed
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract. Inhalation of fumes may cause metal fume fever.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion	: Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Dry chemical, soda ash, lime or sand.Do not use water. Foam.
5.2. Special hazards arising from the	substance or mixture
Fire hazard	: Catches fire spontaneously if exposed to air. In contact with water releases flammable gases which may ignite spontaneously. Products of combustion may include, and are not limited to: oxides of carbon. Magnesium oxide. Copper oxide.
5.3. Advice for firefighters	
Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures	
6.1. Personal precautions, protective	equipment and emergency procedures
General measures	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Do not allow contact with air.
6.1.1. For non-emergency personnel	
No additional information available	
6.1.2. For emergency responders	
No additional information available	
6.2. Environmental precautions	
Prevent entry to sewers and public waters. No spillage.	tify authorities if product enters sewers or public waters. Avoid release to the environment. Collect
6.3. Methods and material for contain	ment and cleaning up

co. methods and matchar for containment and cleaning up	
For containment	: Remove ignition sources. Keep dry. Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use
	appropriate Personal Protective Equipment (PPE).
Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Handle empty containers with care because residual vapours are flammable. Catches fire spontaneously if exposed to air. Do not allow contact with water.
Precautions for safe handling	: Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. No open flames. No smoking. Do not allow contact with air. Protect from moisture. Handle under inert gas.
Hygiene measures	: Wash contaminated clothing before reuse. Always wash hands after handling the product.
7.2. Conditions for safe storage, including	any incompatibilities
Technical measures	: Store contents under inert gas.
Storage conditions	: Keep out of the reach of children. Keep container tightly closed. Store in a well-ventilated place. Store in a dry place. Protect from moisture. Protect containers from physical damage.
Incompatible materials	: Heat sources. Do not allow contact with water. Strong acids. Strong alkalis. Oxidizing agents and reducing agents. Hydrogen sulfide.

7.3. Specific end use(s)

Ignition powder for exothermic welding metal.

SECTION 8: Exposure controls/personal	protection
8.1. Control parameters	
8.1.1. National occupational exposure and biological No additional information available8.1.2. Recommended monitoring procedures	I limit values
Monitoring methods	
Monitoring methods	Consult the relevant monitoring standards for the region.
8.1.3. Air contaminants formed No additional information available	
8.1.4. DNEL and PNECAdditional information:	Not applicable
8.1.5. Control banding	

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.

8.2.2. Personal protection equipment

Personal protective equipment:

Equipment must be suitable for welding purposes.

8.2.2.1. Eye and face protection

Eye protection:

In case of splash hazard, wear potective goggles. Safety eyewear complying with an approved standard such as the European Standard EN166 should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

8.2.2.4. Thermal hazards

Thermal hazard protection:

Use personal protective equipment as required.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical pro	perties
9.1. Information on basic physical and che	nical properties
Physical state	: Solid (Powder)
Colour	: Dark. Silver.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not applicable
Boiling point	: Not available
Flammability	: Refer to section 9.2 for more information
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: 445 °C
Decomposition temperature	: Not available
рН	: Not applicable
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Not applicable.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water	: Not applicable
Vapour pressure	: Refer to component values below
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: Not applicable
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: Not available

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Magnesium (7439-95-4)	
Boiling point	1107 °C (at 1013.25 hPa)
Vapour pressure	1 mm Hg (at 621 °C)

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Pyrophoric properties over time Emitted gas : Catches fire spontaneously if exposed to air.

Emilied gas

: Hydrogen gas

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Catches fire spontaneously if exposed to air.

10.3. Possibility of hazardous reactions

Catches fire spontaneously if exposed to air. In contact with water releases flammable gases which may ignite spontaneously.

10.4. Conditions to avoid

Heat. Do not allow contact with air. Open flame. Overheating. Direct sunlight. Sparks. Incompatible materials.

10.5. Incompatible materials

Strong acids. Strong alkalis. Oxidizing agents and reducing agents. Hydrogen sulfide. Moisture.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Magnesium oxide. Copper oxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined	l in Regulation (EC) No 1272/2008
Acute toxicity (dermal)	Harmful if swallowed. Not classified. Not classified.
Welding Powder (Starter)	
ATE CLP (oral)	766.667 mg/kg bodyweight
Copper oxide (CuO) (1317-38-0)	
LD50 oral rat	> 2500 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD50 dermal rat	> 2000 mg/kg
Magnesium (7439-95-4)	
LD50 oral rat	230 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

LC50 inhalation rat	 > 2.1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)
Unknown acute toxicity (CLP) - SDS	: 70% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation
Skin corrosion/irritation	(Dust/Mist)) : Not classified. pH: Not applicable
Additional information	: Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Not classified. pH: Not applicable
Additional information	: Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.
STOT-single exposure	Not classified.
Additional information	: Based on available data, the classification criteria are not met.
STOT-repeated exposure	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.
Welding Powder (Starter)	
Viscosity, kinematic	Not applicable
11.2. Information on other hazards	
11.2.1. Endocrine disrupting properties	
Endocrine disrupting properties	The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %
11.2.2. Other information	
Other information	· Likely regises of experience induction, inhelation, akin and eve
	: Likely routes of exposure: ingestion, inhalation, skin and eye

SECTION 12: Ecological information

12.1 Toxicity

12.1. I OXICITY	
	Very toxic to aquatic life with long lasting effects. Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	Very toxic to aquatic life with long lasting effects.
Magnesium (7439-95-4)	
LC50 - Fish [1]	541 mg/l Test organisms (species): Pimephales promelas
LC50 - Fish [2]	569 mg/l Test organisms (species): Pimephales promelas
EC50 72h - Algae [1]	> 99.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Magnesium (7439-95-4)	
EC50 72h - Algae [2]	 > 20 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
12.2. Persistence and degradability	
Welding Powder (Starter)	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
Welding Powder (Starter)	
Partition coefficient n-octanol/water	Not applicable
Bioaccumulative potential	Not established.
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	t in the second s
PBT vPvB	: No : No
Welding Powder (Starter)	
This substance/mixture does not meet the PBT crite	eria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB crit	teria of REACH regulation, annex XIII
12.6. Endocrine disrupting properties	
Endocrine disrupting properties	: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %
12.7. Other adverse effects	
Additional information	: No other effects known
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Product/Packaging disposal recommendations	 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Handle empty containers with care because residual vapours are flammable.
SECTION 14: Transport information	
14.1. UN number or ID number	
UN-No. (ADR)	: UN 1383
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: PYROPHORIC ALLOY, N.O.S. (Magnesium)
Document I.D.: 9AKK108467A1549	EN (English) 8/1

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

14.3. Transport hazard class(es)	
ADR Transport hazard class(es) (ADR) Danger labels (ADR)	: 4.2 : 4.2
14.4. Packing group	
Packing group (ADR)	: 1
14.5. Environmental hazards	
Dangerous for the environment Other information	:Yes :No supplementary information available.
14.6. Special precautions for user	
Special transport precautions	: Do not handle until all safety precautions have been read and understood.
Overland transport Limited quantities (ADR) Orange plates	43 1383

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no REACH candidate substance.

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

Ireland

Irish National Regulations

: Not determined.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information	
Abbreviations and acronyms	
°C – Degrees Celsius	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acronyms

°F - Degrees Fahrenheit ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road. ACGIH - American Conference of Governmental Industrial Hygienists ATE - Acute Toxicity Estimate BCF - Bioconcentration Factor BEI - Biological Exposure Index CAS - Chemical Abstracts Service CLP - Regulation (EC) No 1272/2008 on the Classification, Labeling and Packaging of substances and mixtures. CMR - Carcinogen, Mutagen, Reproductive toxin CP - centipoise (unit of dynamic viscosity) DKL - Derived No-effect Level DMEL - Derived No-effect Level ECS0 - Half maximal effective concentration ECHA - European Chemicals Agency EC-No European Community number EU - European Union GHS - Globally Harmonized System of Classification and Labelling of Chemicals h - Hours IATA - International Air Transport Association IC50 - Inhibition concentration IDE - International Maritime Dangerous Goods IDEL - Indicative Occupational Exposure Limit Value KIFS - Swedish Chemicals Agency's (Kemi's) Code of Statutes KIFS - Swedish Chemicals Agency's (Kemi's) Code of Statutes KIFS - Swedish Chemicals Agency's (Kemi's) Code of Statutes KIFS - Swedish Chemical
ACGIH – American Conference of Governmental Industrial Hygienists ATE – Acute Toxicity Estimate BCF – Bioconcentration Factor BEI – Biological Exposure Index CAS – Chemical Abstracts Service CLP – Regulation (EC) No 1272/2008 on the Classification, Labeling and Packaging of substances and mixtures. CMR – Carcinogen, Mutagen, Reproductive toxin CP – centipoise (unit of dynamic viscosity) CSt – centisokes (unit of dynamic viscosity) DNEL – Derived No-effect Level DMEL – Derived Minimal Effect Level EC50 – Half maximal effective concentration ECHA – European Chemicals Agency EC-No. – European Chemicals Agency EU – European Union GHS – Globally Harmonized System of Classification and Labelling of Chemicals h – Hours IATA – International Air Transport Association IC50 – Inhibition concentration IDLH – Immediately Dangerous to Life or Health IMDG – International Maritime Dangerous Goods IOELV – Indicative Occupational Exposure Limit Value KIFS – Swedish Chemicals Agency's (Keml's) Code of Statutes kPa – kilopascal Koc – Adsorption Coefficient Kow – Octanol-Water Partition Coefficient
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Koc – Adsorption Coefficient Kow – Octanol-Water Partition Coefficient
Kow – Octanol-Water Partition Coefficient
LD50 – Median Lethal Dose
LOAEL – Lowest Observed Adverse Effect level
mg/l – Milligram per liter
mg/kg – Milligram per kilogram
mg/m3 – Milligram per cubic meter
Min – Minutes
NIOSH – National Institute for Occupational Safety and Health
NOEC – No Observed Effect Concentration
NO(A)EL – No Observed (Adverse) Effect Level
N.O.S. – Not Otherwise Specified
OEL – Occupational Exposure Limit
PBT - Persistent, Bioaccumulative and Toxic
PCN – Poison Centre Notification
PNEC – Predicted No Effect Concentration
ppm – Parts per million
PVC – Polyvinyl chloride
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 RID – European Agreement concerning the International Carriage of Dangerous Goods by Rail
SDS – Safety Data Sheet
STEL – Short Term Exposure Limit
STOT – Specific Target Organ Toxicity
SVHC – Substance of Very High Concern (CMR, vPvB, PBT)
TDI – Tolerable Daily Intake
TLV – Threshold Limit Value
TWA – Time Weighted Average
UFI – Unique Formulation Identifier
UN – United Nations
vPvB - Very Persistent and Very Bioaccumulative
WEL – Workplace Exposure Limit
WGK – Wassergefahrdungklasse – German water quality classification
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Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Data sources	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	None.
Prepared by	Nexreg Compliance Inc. NEXREG

Full text of H- and EUH-statements

Acute Tox. 3 (Oral)Acute toxicity (oral), Category 3Acute Tox. 4 (Oral)Acute toxicity (oral), Category 4Aquatic Acute 1Hazardous to the aquatic environment — Acute Hazard, Category 1Aquatic Chronic 1Hazardous to the aquatic environment — Chronic Hazard, Category 1H250Catches fire spontaneously if exposed to air.H260In contact with water releases flammable gases which may ignite spontaneously.H301Toxic if swallowed.H302Harmful if swallowed.H400Very toxic to aquatic life.H410Very toxic to aquatic life with long lasting effects.Pyr. Sol. 1Substances and Mixtures which, in contact with water, emit flammable gases, Category 1			
Aquatic Acute 1Hazardous to the aquatic environment — Acute Hazard, Category 1Aquatic Chronic 1Hazardous to the aquatic environment — Chronic Hazard, Category 1H250Catches fire spontaneously if exposed to air.H260In contact with water releases flammable gases which may ignite spontaneously.H301Toxic if swallowed.H302Harmful if swallowed.H400Very toxic to aquatic life.H410Very toxic to aquatic life with long lasting effects.Pyr. Sol. 1Pyrophoric Solids, Category 1	Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Aquatic Chronic 1Hazardous to the aquatic environment — Chronic Hazard, Category 1H250Catches fire spontaneously if exposed to air.H260In contact with water releases flammable gases which may ignite spontaneously.H301Toxic if swallowed.H302Harmful if swallowed.H400Very toxic to aquatic life.H410Very toxic to aquatic life with long lasting effects.Pyr. Sol. 1Pyrophoric Solids, Category 1	Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
H250Catches fire spontaneously if exposed to air.H260In contact with water releases flammable gases which may ignite spontaneously.H301Toxic if swallowed.H302Harmful if swallowed.H400Very toxic to aquatic life.H410Very toxic to aquatic life with long lasting effects.Pyr. Sol. 1Pyrophoric Solids, Category 1	Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1	
H260In contact with water releases flammable gases which may ignite spontaneously.H301Toxic if swallowed.H302Harmful if swallowed.H400Very toxic to aquatic life.H410Very toxic to aquatic life with long lasting effects.Pyr. Sol. 1Pyrophoric Solids, Category 1	Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	
H301Toxic if swallowed.H302Harmful if swallowed.H400Very toxic to aquatic life.H410Very toxic to aquatic life with long lasting effects.Pyr. Sol. 1Pyrophoric Solids, Category 1	H250	Catches fire spontaneously if exposed to air.	
H302 Harmful if swallowed. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. Pyr. Sol. 1 Pyrophoric Solids, Category 1	H260	In contact with water releases flammable gases which may ignite spontaneously.	
H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. Pyr. Sol. 1 Pyrophoric Solids, Category 1	H301	Toxic if swallowed.	
H410 Very toxic to aquatic life with long lasting effects. Pyr. Sol. 1 Pyrophoric Solids, Category 1	H302	Harmful if swallowed.	
Pyr. Sol. 1 Pyrophoric Solids, Category 1	H400	Very toxic to aquatic life.	
	H410	Very toxic to aquatic life with long lasting effects.	
Water-react. 1 Substances and Mixtures which, in contact with water, emit flammable gases, Category 1	Pyr. Sol. 1	Pyrophoric Solids, Category 1	
	Water-react. 1	Substances and Mixtures which, in contact with water, emit flammable gases, Category 1	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]		
Pyr. Sol. 1	H250	Calculation method
Water-react. 1	H260	Calculation method
Acute Tox. 4 (Oral)	H302	Calculation method
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 1	H410	Calculation method

Safety Data Sheet (SDS), EU - Nexreg Annex II 2021

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