




24.02.2021

Material Safety Data Sheet - according to Regulation (EC) No. 1907/2006

INTERNATIONAL STANDARD NORM ISO 11014-1

Trade name: SS	Solder wire Sn60Pb38Cu2 DIN EN 29 453	Flux F-SW 32 NF EN 29 454.1
<p>1.) <u>IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING</u></p> <p>1.1.) Product identifier</p> <p>Trade name :</p> <p>Product code:</p> <p>1.2.) Relevant identified uses of the substance or mixture and uses advised against</p> <p>Use descriptor system (REACH):</p> <p>1.3.) Details of the supplier of the safety data sheet</p> <p>Manufacturer: Address:</p> <p>1.4.) Emergency telephone number</p>	<p>LEAD SOLDER WIRES with flux TIN -COPPER</p> <p>SS</p> <p>Soft soldering</p> <p>SU 3 Industrial uses: uses of substances as such or in preparations at industrial sites PC 38 Welding and soldering products (with flux coatings or flux cores), flux products</p> <p>EDSYN GMBH EUROPA Finkenweg 2 Tel.: 09342 - 6413 D - 97892 Kreuzwertheim Fax: 09342 – 6417</p> <p>Emergency number</p>	
<p>2.) <u>HAZARDS IDENTIFICATION</u></p> <p>2.1.) Classification of the substance or mixture</p> <p>In compliance with EC regulation No. 1272/2008 and its amendments.</p> <p>2.2.) Label elements</p> <p>In compliance with EC regulation No. 1272/2008 and its amendments.</p> <p>Hazard pictograms:</p> <p>Signal word:</p>	<p>Reproductive toxicity, Category 1A, (Repr. 1A, H360). Reproductive toxicity, Effects on or via lactation (Lact., H362). This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site. This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.</p> <div style="text-align: center;">  <p>...GHS08</p> </div> <p>DANGER</p>	



24.02.2021

24.02.2021

Product identifiers:	EC 231-100-4 LEAD																								
Additional labeling:	For professional use only.																								
Hazard statements:	H360FD May damage fertility. May damage the unborn child. H362 May cause harm to breast-fed children.																								
Precautionary statements – Prevention:	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection.																								
2.3.) Other hazards																									
Other hazards not contributing to the classification:	<p>The mixture does not contain substances classified as “Substances of Very High Concern” (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table</p> <p>The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the RECH regulations EC 1907/2006.</p> <p>It is recommended to wear safety glasses, protective gloves, to wash hands after use and to work with a good ventilation of area, and suitable fumes extraction system locally installed.</p> <p>The product could cause burns during soldering.</p> <p>Its use during soldering may produce or release fumes which can be sensitizing for the respiratory system to asthmatics.</p>																								
3.) <u>COMPOSITION/INFORMATION ON INGREDIENTS</u>																									
3.2.) Mixtures Composition:																									
<table><tr><th>name</th><th>Product identifier</th><th>Note</th><th>%</th></tr><tr><td>tin</td><td>(CAS No.) 7440-31-5 (EC No. 231-141-8 (REACH No.) 01-2119486474-28-0033</td><td>(1)</td><td>58.00 – 60.00 %</td></tr><tr><td>lead</td><td>(CAS No.) 7439-92-1 (EC No.) 231-100-4 (REACH No.) 01-2119513221-59-XXXX GHS08 Drg Repr. 1A, H360FD Lact., H362</td><td>(1) (2)</td><td>36,00 – 38.00 %</td></tr><tr><td>Modified Rosin</td><td>(CAS No.) 65997-05-9 (EC No.) 500-163-2 (REACH No.) 01-2119964093-37-XXXX</td><td></td><td>0.50 – 3.00 %</td></tr><tr><td>copper</td><td>(CAS No) 7440-50-8 (EC No) 231-159-6 (Reach No) 01-2119480154-42-0002</td><td>(1)</td><td>1.90 – 2.00 %</td></tr><tr><td>ADIPIC ACID</td><td>(CAS No) 124-04-9 (EC No) 204-673-3 (REACH No.) 01-2119457561-38-0000 GHS07 Wng Eye Irrit. 2, H319</td><td>(1)</td><td>0.05 – 0.30 %</td></tr></table>	name	Product identifier	Note	%	tin	(CAS No.) 7440-31-5 (EC No. 231-141-8 (REACH No.) 01-2119486474-28-0033	(1)	58.00 – 60.00 %	lead	(CAS No.) 7439-92-1 (EC No.) 231-100-4 (REACH No.) 01-2119513221-59-XXXX GHS08 Drg Repr. 1A, H360FD Lact., H362	(1) (2)	36,00 – 38.00 %	Modified Rosin	(CAS No.) 65997-05-9 (EC No.) 500-163-2 (REACH No.) 01-2119964093-37-XXXX		0.50 – 3.00 %	copper	(CAS No) 7440-50-8 (EC No) 231-159-6 (Reach No) 01-2119480154-42-0002	(1)	1.90 – 2.00 %	ADIPIC ACID	(CAS No) 124-04-9 (EC No) 204-673-3 (REACH No.) 01-2119457561-38-0000 GHS07 Wng Eye Irrit. 2, H319	(1)	0.05 – 0.30 %	
name	Product identifier	Note	%																						
tin	(CAS No.) 7440-31-5 (EC No. 231-141-8 (REACH No.) 01-2119486474-28-0033	(1)	58.00 – 60.00 %																						
lead	(CAS No.) 7439-92-1 (EC No.) 231-100-4 (REACH No.) 01-2119513221-59-XXXX GHS08 Drg Repr. 1A, H360FD Lact., H362	(1) (2)	36,00 – 38.00 %																						
Modified Rosin	(CAS No.) 65997-05-9 (EC No.) 500-163-2 (REACH No.) 01-2119964093-37-XXXX		0.50 – 3.00 %																						
copper	(CAS No) 7440-50-8 (EC No) 231-159-6 (Reach No) 01-2119480154-42-0002	(1)	1.90 – 2.00 %																						
ADIPIC ACID	(CAS No) 124-04-9 (EC No) 204-673-3 (REACH No.) 01-2119457561-38-0000 GHS07 Wng Eye Irrit. 2, H319	(1)	0.05 – 0.30 %																						



24.02.2021

Information on ingredients:

- (1) Substance for which maximum workplace exposure limits are available.
(2) Carcinogenic, mutagenic or reprotoxic (CMR) substance.

<p>4.) FIRST AID MEASURES</p> <p><u>As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing by an unconscious person.</u></p> <p>4.1.) Description of first aid measures</p> <p>In the event of exposure by inhalation:</p> <p>In the event of splashes or contact with eyes:</p> <p>In the event of splashes or contact with skin:</p> <p>In the event of swallowing:</p> <p>4.2.) Most important symptoms and effects, both acute and delayed</p> <p>4.3.) Indication of any immediate medical attention and special treatment needed</p>	<p>Take affected persons into fresh air. If irritation persists, get medical attention.</p> <p>Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open. If there is any redness, pain or visual impairment, consult an ophthalmologist.</p> <p>Watch out for any remaining product between skin and clothing, watches, shoes, etc. Immediately wash with water and soap and rinse thoroughly. If skin irritation persists, get medical attention. If burns should occur from molten metal, treat for burn and get medical assistance if necessary.</p> <p>Seek medical attention, showing the label.</p> <p>No data available.</p> <p>No data available.</p>
<p>5.) FIREFIGHTING MEASURES</p> <p>5.1.) Extinguishing media</p> <p>Suitable methods of extinction</p> <p>Unsuitable methods of extinction</p> <p>5.2.) Special hazards arising from the substance or mixture</p> <p>5.3.) Advice for firefighters</p>	<p>Non-flammable.</p> <p>In the event of a fire, use:</p> <ul style="list-style-type: none"> - dry chemical agents - sprayed water or water mist - dry sand <p>In the event of a fire, do not use:</p> <ul style="list-style-type: none"> - water jet - Foam <p>A fire will often produce a thick black smoke, Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed:</p> <ul style="list-style-type: none"> - metal oxides, metal dust <p>Molten metal reacts violently with oxidising agents.</p> <p>Wear full body protective clothing and appropriate self-contained breathing apparatus. Cool adjacent containers with water spray.</p>



24.02.2021

<p>6.) <u>ACCIDENTAL RELEASE MEASURES</u></p> <p>6.1.) Personal precautions, protective equipment and emergency procedures</p> <p>For non first aid worker</p> <p>For first aid worker</p> <p>6.2.) Environmental precautions</p> <p>6.3.) Methods and material for containment and cleaning up</p> <p>6.4.) Reference to other sections</p>	<p>Consult the safety measures listed under headings 7 and 8.</p> <p>Keep persons without protective equipment away from danger area.</p> <p>First aid workers will be equipped with suitable personal protective equipment (See section 8).</p> <p>Prevent any material from entering drains or waterways.</p> <p>Retrieve the product by mechanical means (sweeping/vacuuming).</p> <p>No data available.</p> <p>.</p>
<p>7.) <u>HANDLING AND STORAGE</u></p> <p>7.1.) Precautions for safe handling</p> <p>Fire prevention:</p> <p>Recommended equipment and procedures:</p> <p>Prohibited equipment and procedures:</p> <p>7.2.) Conditions for safe storage, including any incompatibilities</p> <p>Storage:</p> <p>Packaging</p> <p>7.3.) Specific end use(s)</p>	<p>Requirements relating to storage premises apply to all facilities where the mixture is handled.</p> <p>Always wash hands after handling.</p> <p>The workplace must be ventilated and fumes must be captured at the emission source.</p> <p>Due to its high density, the product is heavy. Avoid the fall of the product.</p> <p>Wear protective shoes and gloves.</p> <p>Prevent access by unauthorised personnel.</p> <p>For personal protection, see section 8.</p> <p>Observe precautions stated on label and also industrial safety regulations.</p> <p>No smoking, eating or drinking in areas where the mixture is used.</p> <p>No data available.</p> <p>On spool, in original cardboard, at room temperature, keep away from inclemency. During 12 months.</p> <p>Do not store with food products.</p> <p>Always keep in packaging made of an identical material to the original.</p> <p>No data available.</p>
<p>8.) <u>EXPOSURE CONTROLS/PERSONAL PROTECTION</u></p> <p>8.1.) Control parameters</p> <p>Occupational exposure limits</p>	



24.02.2021

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010):

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
7440-31-5	2 mg/m ³				
7439-92-1	0.05 mg/m ³	-	-	-	-
7440-50-8	0.2 mg/m ³	-	-	-	-
124-04-9	5 m/m ³				

- France (INRS-ED984: 2012)

CAS	VME-ppm:	VME-mg/m ³	VLE-ppm:	VLE-mg/m ³	Notes:	TMP No:
7439-92-1	-	0.15	-	-	-	1

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

TWA:	Tin % wt	STEL:	Ceiling:	Definition:	Criteria:
7440-50-8	0.2 mg/m ³	-	-	-	-

**Derived no effect level (DNEL) or
derived minimum effect level (DMEL):**

ADIPIIC ACID (CAS: 124-04-9)

Final use:

Workers.

Exposure method:

Inhalation.

Potential health effects:

Short term local effects.

DNEL:

5 mg of substance/m³

TIN (Cas: 7440-31-5)

Final use:

Workers.

Exposure method:

Dermal contact.

Potential health effects:

Short term systemic effects.

DNEL:

133.3 mg/kg body weight/day

Exposure method:

Dermal contact.

Potential health effects:

Long term systemic effects.

DNEL:

133.3 mg/kg body weight/day

Exposure method:

Inhalation.

Potential health effects:

Short term systemic effects.

DNEL:

11.75 mg of substance/m³

Exposure method:

Inhalation.

Potential health effects:

Long term systemic effects.

DNEL:

11.75 mg of substance/m³

Final use:

Consumers.

Exposure method:

Ingestion.

Potential health effects:

Short term systemic effects.

DNEL:

80 mg/kg body weight/day

Exposure method:

Ingestion.

Potential health effects:

Long term systemic effects.

DNEL:

80 mg/kg body weight/day




Exposure method:

Dermal contact.

Potential health effects:

Short term systemic effects.

24.02.2021

DNEL:	80 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL:	80 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Short term systemic effects.
DNEL:	3.476 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL:	3.476 mg of substance/m3
Predicted no effect concentration (PNEC):	
ADIPIIC ACID (CAS: 124-04-9)	
Environmental compartment:	Soil.
PNEC:	0.0228 mg/kg
Environmental compartment:	Fresh water.
PNEC:	0.126 mg/l
Environmental compartment:	Sea water.
PNEC:	0.0126 mg/l
LEAD (CAS: 7439-92-1)	
Environmental compartment:	Soil.
PNEC:	212 mg/kg
Environmental compartment:	Fresh water.
PNEC:	3.1 /l
Environmental compartment:	Sea water.
PNEC:	3.5
Environmental compartment:	Fresh water sediment.
PNEC:	174 mg/kg
Environmental compartment:	Marine sediment.
PNEC:	164.2 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC:	0.1 mg/l
8.2.) Exposure controls	
Personal protective measures, such as personal protective equipment	<p>Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):</p> <div>    </div> <p>Use personal protective equipment that is clean and has been properly maintained.</p>



24.02.2021

<p>Eye / face protection</p> <p>Hand protection</p> <p>Body protection</p> <p>Respiratory protection</p> <p>Thermal risks</p>	<p>Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.</p> <p>Avoid contact with eyes. Before handling powders or dust emission, wear mask goggles in accordance with standard EN 166.</p> <p>Wear suitable protective gloves in the event of prolonged or repeated skin contact. Type of gloves recommended: - cotton</p> <p>Suitable type of protective clothing: - protective work clothing - protective shoes Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.</p> <p>Avoid breathing dust. Type of FFP mask: Wear a disposable half-mask dust filter in accordance with standard EN149. Independent breathing apparatus for respiratory protection: It is recommended to set up a fumes exhaust system closer to their emission. In case of insufficient ventilation, wear suitable respiratory equipment. In case of formation of vapors, wear suitable respiratory equipment with filter.</p> <p>The product could cause burns during soldering.</p>
<p>9.) <u>PHYSICAL AND CHEMICAL PROPERTIES</u></p> <p>9.1.) Information on basic physical and chemical properties</p> <p>General information:</p> <p>Physical state:</p> <p>Important health, safety and environmental information</p> <p>pH: Boiling point/boiling range: Flash point interval: Vapour pressure (50°C): Density: Water solubility: Melting point/melting range: Self ignition temperature: Decomposition point/decomposition range:</p> <p>9.2.) Other information</p>	<p>Solid</p> <p>Not relevant. Not specified. Not relevant. Not relevant. >1 Insoluble. Not specified. Not specified. Not specified.</p> <p>Density (Sn60Pb38Cu2): 8.65 @ 20°C Solidus/Liquidus temperature (Sn60Pb38Cu2): 183°C / 190°C Acid number (C): 190 mg/KOH/g Acid number (CA): 208 mg/KOH/g</p>



24.02.2021

	<p>Chloride content (C) no chlorine Chloride content (CA): 0.86 % Chloride content (CMA): 0.53 %</p>
<p>10.) <u>STABILITY AND REACTIVITY</u></p> <p>10.1.) Reactivity</p> <p>10.2.) Chemical stability</p> <p>10.3.) Possibility of hazardous reactions</p> <p>10.4.) Conditions to avoid</p> <p>10.5.) Incompatible materials</p> <p>10.6.) Hazardous decomposition products</p>	<p>The product is stable under normal conditions of use and storage, but reacts with strong oxidisers.</p> <p>This mixture is stable under the recommended handling and storage conditions in section 7.</p> <p>Reaction with strong oxidizers.</p> <p>Avoid: -formation of dusts Dusts can form an explosive mixture with air.</p> <p>The product reacts with strong acids, especially with oxidisers acids.</p> <p>No hazardous decomposition under normal conditions of use.</p>
<p>11.) <u>TOXICOLOGICAL INFORMATION</u></p> <p>11.1.) Information on toxicological effects</p> <p>11.1.1.) Substances:</p> <p>Acute Toxicity:</p> <p>ADIPIC ACID (CAS: 124-04-9)</p> <p>Oral route:</p> <p>Dermal route:</p> <p>Inhalation route (n/a):</p> <p>COPPER (CAS: 7440-50-8)</p> <p>Oral route:</p> <p>Inhalation route (n/a):</p> <p>LEAD (CAS: 7439-92-1)</p> <p>TIN (CAS: 7440-31-5)</p> <p>Oral route:</p> <p>Dermal route:</p> <p>Inhalation route (n/a):</p>	<p>Known human reproductive toxicant. May damage fertility and the unborn child. Presents a risk on or via lactation.</p> <p>LD50 = 5560 mg/kg Species: Rat</p> <p>LD50 > 7940 mg/kg Species: Rabbit</p> <p>LC50 > 7.7 mg/l Species: Rat</p> <p>LD50 >= 300 mg/kg Species: Rat</p> <p>LC50 >= 0.733 mg/l Species: Rat</p> <p>Species: Others</p> <p>2000 < LD50 <= 5000 mg/kg Species: Rat</p> <p>2,000 < LD50 <= 5000 mg/kg Species: Rat</p> <p>LC50 > 4.75 mg/l</p>



24.02.2021

<p>Skin corrosion/irritation:</p> <p>Serious eye damage/irritation:</p> <p>Germ cell mutagenicity:</p> <p>Carcinogenicity:</p> <p>COPPER (CAS: 7440-50-8)</p> <p>Carcinogenicity Test:</p> <p>Reproductive toxicant:</p> <p>COPPER (CAS: 7440-50-8)</p> <p>11.1.2.) Mixture</p> <p>Acute Toxicity:</p> <p>Skin corrosion/irritation:</p> <p>Serious eye damage/irritation:</p> <p>Respiratory or skin sensitisation:</p>	<p>Species: Rat</p> <p>Tin is not irritating to the skin. Copper is not irritating to the skin. Lead is not irritating to the skin.</p> <p>Tin is not irritating to the eyes. Copper is not irritating to the eyes. Lead is not irritating to the eyes.</p> <p>Tin is not classified as mutagenic. Massive copper does not show genotoxic effects.</p> <p>Tin does not show carcinogen effects.</p> <p>Negative. No carcinogenic effects. Species: Rat</p> <p>Tin is not classified as reprotoxic.</p> <p>No toxic effects for reproduction</p> <p>No adverse health effect is expected under normal conditions of use.</p> <p>May cause skin irritation in case of flux projections or fumes during soldering. It is recommended to wear cotton gloves to prevent burns by projections.</p> <p>May cause eye irritation due to the fumes during soldering.</p> <p>Its use during soldering may produce or release fumes which can be sensitizing for the respiratory system to asthmatics.</p>
<p>12.) <u>ECOLOGICAL INFORMATION</u></p> <p>12.1.) Toxicity</p> <p>12.1.1) Substances</p> <p>TIN (CAS: 7440-31-5)</p> <p>Crustacean toxicity:</p> <p>ADIPIIC ACID (CAS: 124-04-9)</p> <p>Fish toxicity:</p> <p>Crustacean toxicity:</p> <p>LEAD (CAS: 7439-92-1)</p> <p>Fish toxicity:</p>	<p>Do not allow product to reach ground water, water source or sewage system.</p> <p>EC50 = 1.303 mg/l Species: Ceriodaphnia dubia</p> <p>LC50 > 1000 mg/l Species: Brachydanio rerio Duration of exposure: 96 h</p> <p>EC50 = 46 mg/l Species: Daphnia magna Duration of exposure: 48 h</p> <p>LC50 = 0.107 mg/l Species: Oncorhynchus mykiss</p>



24.02.2021

<p>Crustacean toxicity:</p> <p>12.1.2) Mixtures</p> <p>12.2.) Persistence and degradability</p> <p>12.2.1) Substances</p> <p>ADIPIC ACID (CAS: 124-04-9) Biodegradability:</p> <p>COPPER (CAS: 7440-50-8) Biodegradability:</p> <p>12.3.) Bioaccumulative potential</p> <p>12.3.1) Substances</p> <p>ADIPIC ACID (CAS: 124-04-9) Octanol/water partition coefficient</p> <p>12.4.) Mobility in soil</p> <p>12.5.) Results of PBT- und vPvB assessment</p> <p>12.6.) Other adverse effects</p>	<p>Duration of exposure: 96 h</p> <p>NOEC = 0.0293 mg/l</p> <p>EC50 = 0.1075 mg/l Species: Daphnia magna Duration of exposure: 48 h</p> <p>NOEC = 0.009 mg/l Species: Daphnia sp.</p> <p>No aquatic toxicity data available for the mixture.</p> <p>Rapidly degradable.</p> <p>no degradability data is available, the substance is considered as not degrading quickly.</p> <p>log K_{ow} = 0.093</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p>
<p>13.) <u>DISPOSAL CONSIDERATIONS</u></p> <p>13.1.) Waste treatment methods</p> <p><u>Waste:</u></p> <p><u>Soiled packaging:</u></p>	<p>Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.</p> <p>Do not pour into drains or waterways.</p> <p>Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.</p> <p>Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.</p> <p>Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.</p>
<p>14.) <u>TRANSPORT INFORMATION</u></p> <p>14.1) <u>UN number</u></p> <p>14.2) <u>UN proper shipping name</u></p>	<p>Exempt from transport classification and labelling.</p> <p>-</p> <p>-</p>



24.02.2021

<p>14.3) <u>Transport hazard class(es)</u></p> <p>14.4) <u>Packing group</u></p> <p>14.5) <u>Environmental hazards</u></p> <p>14.6) <u>Special Precautions for Users</u></p>	<p>-</p> <p>-</p> <p>-</p> <p>-</p>
<p>15.) <u>REGULATORY INFORMATION</u></p> <p>15.1.) Safety, health and environmental regulations/legislation specific for the substance or mixture</p> <p>Classification and labelling information included in section 2</p> <p>Container information:</p> <p>Usage restrictions apply to the product: See annex XVII of EC regulation No. 1907/2006.</p> <p>Particular provisions:</p> <p>15.2.) Chemical safety assessment</p>	<p>The following regulations have been used: EU Regulation No. 1272/2008 amended by EU Regulation No. 2016/1179. (ATP 9)</p> <p>No data available.</p> <p>For professional users only.</p> <p>No data available.</p> <p>No data available.</p>
<p>16.) <u>OTHER INFORMATION</u></p> <p>16.1) Wording of the phrases mentioned in section 3:</p> <p>16.2) Abbreviations</p>	<p>We cannot anticipate any and all conditions and situations under which the information and our products or the combination of both with others will be used. We do not assume any liability in the safety and suitability of our products alone or in combination with others. Users must make their own tests to determine the safety and suitability of each product used alone or with other products for their own use.</p> <p>Except any previous written agreement, our products are sold without guarantee and customers must assume all liability for any loss or damage suffered by themselves or by third parties, either from handling or use of our products alone or with others. In case of any difference or variation seen during the use of the products we request that you contact our technical department.</p> <p>H319 Causes serious eye irritation. H360FD May damage fertility. May damage the unborn child. H362 May cause harm to breast-fed children.</p> <p>DNEL : Derived No-Effect Level PNEC: Predicted No-Effect Concentration CMR: Carcinogenic, mutagenic or reprotoxic. ADR: European agreement concerning the international carriage of dangerous goods by Road. IMDG: International Maritime Dangerous Goods. IATA: International Air Transport Association. ICAO: International Civil Aviation Organisation RID: Regulations concerning the International carriage of</p>



24.02.2021

	Dangerous goods by rail. GHS08: Health hazard PBT: Persistent, bioaccumulable and toxic. vPvB: Very persistent, very bioaccumulable. SVHC: Substances of very high concern.
--	---

Copyrights reserved to EDSYN GMBH EUROPA