EDSYN GMBH EUROPA, Postfach 1169, D-97888 Kreuzwertheim



18. Nov. 2022

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

Trade name: FLUTSCHI FL 22		Flux paste	F-SW 33 Typ 1.2.3.C DIN EN 29454 RE L0	
1.)	IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING			
1.1.)	Product identifier	Flux paste "FL-22"		
1.2.)	Relevant identified uses of the substance or mixture and uses advised against			
	Use of the substance/mixture:	Industrial use of processing aids. Fluxes Paste		
	Uses advised against:	No identified use(s Do not use for priv). ate purposes (household).	
1.3.) Details of the supplier of the safety data sheet				
	Manufacturer/Supplier: address:	EDSYN GMBH EL Finkenweg 2 D 97892 Kreuzwer	Tel. 09342 – 6413	
1.4.)	Emergency telephone number	Closed hospital		
2.)	HAZARDS IDENTIFICATION			
2.1.)	Classification of the substance or mixture			
	Classification according to Directive 67/548/EEC or 1999/45/EC	Indications of danger: Xi – Irritant <u>R phrases:</u> Irritating to eyes.		
Classification according to Regulation (EC) No. 1272/2008 [CLP] <u>Hazard Sta</u>		Hazard Statemen	t <u>s:</u> Causes skin irritation.	
2.2.)	Label elements			
	Pictograms:	GHS07		
	Signal word:	Warning		
	Hazard statements:	H315	Causes skin irritation.	
	Precautionary statements: P202	P202	Do not handle until all safety precautions have been	
		P270	read and understood. Do not eat, drink or smoke when using this product.	

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		P262 P305+P351+P338 P411+P235	Do not get in eyes, on skin, IF IN EYES: Rinse cautious minutes. Remove contact le to do. Continue rinsing. Store at temperatures not ex-	ly with water for several nses, if present and easy
	2	FULLOAD	cool.	
	Special labelling of certain mixtures:	EUH210	Safety data sheet available	on request.
	Other hazards:	See attachted safet No risks worthy of r	y data sheets and/or usage ii nention.	nstructions.
3.)	COMPOSITION/INFORMATION IN INGREDIENTS			
3.1.)	Mixtures Chemical characterization:	Mixture related info Paste Data apply to the m	rmation ain component. resin. / Activa	ator)
3.2.)	Hazardous components Chemical name:	Dicarboxylic acid mixture (C6)		
		EC No.		
		CAS-No.		124-04-09
		Index-No.		
		REACH-No.		
		Quantity 5-10% Classification according to Directive Visit units of D2		5-10%
		67/548/EEC	•	Xi – Irritant R36
		Classification acco No. 1272/2008 [C	ording to Regulation (EC) LP]:	Eye Irrit.2; H319
	Further Information:	Contains: resin. > Contains: Fat., Fat	nd EUH-phrases: see section > No risks worthy of mention tty acid. resin. >> No risks w yellow, yellow-orange >> N	orthy of mention.
4.)	FIRST AID MEASURES			
4.1.)	Description of first aid measures			
	After inhalation:	Provide fresh air.		
	After contact with skin:	Wash with plenty of water. Change contaminated clothing		
	After contact with eyes:	If product gets into the eye, keep eyelid open and rinse immediated large quantities of water, for at least 5 minutes. Subsequently cons ophthalmologist.		
	After ingestion:	Rinse mouth immediately and drink plenty of water.		ter.
4.2.)	Most important symptoms and effects, both acute and delayed	Rinse mouth immediately and drink plenty of water.		

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cal No known symptoms to date.
Co-ordinate fire-fighting measures to the fire surroundings.
D powder.
The product itself does not burn.
In case of fire: Wear self-contained breathing apparatus.
Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
RES
dures Provide adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.
Do not allow to enter into surface water or drains.
Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.
Treat the recovered material as prescribed in the section on waste disposal. See protective measures under point 7 and 8.
Conditions to avoid: Inhalation of vapours or spray/mists.
d Not highly flammable.
Avoid contact with skin and eyes.
ding
d Keep container tightly closed.

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	Further information on storage conditions:	Protect against direct sunlight.	
7.3.)	Specific end use(s)	Surface active agent Further information: refer to Technical Data Sheet.	
8.)	EXPOSURE CONTROLS/PERSONAL PROTECTION		
8.1.)	Control parameters		
	Additional advice on limit values:	Does not contain substances above concentration limits fixing an occupational exposure limit.	
8.2.)	Exposure controls		
	Appropriate engineering controls:	Do not breathe gas/fumes/vapour/spray.	
	Protective and hygiene measures:	Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.	
	Respiratory protection:	(In case of inadequate ventilation) wear respiratory protection. Use appropriate respiratory protection. Use only respiratory protection equipment with CE-symbol including four digit test number. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used! Filtering device (full mask or mouthpiece) with filter:: A	
	Hand protection:	Additional protection measures for the hands:	
		Hand protection: DIN EN 374 -CR (polychloroprenes, Chloroprene rubber). Thickness of glove material: 0,65 mm penetration time (maximum wearing period): > 120 Min. -NBR (Nitrile rubber): Thickness of glove material: 0,4 mm penetration time (maximum wearing period): > 480 Min.	
		Breakthrough times and swelling properties of the material must be taken into consideration. Take recovery periods for skin regeneration. In the case of wanting to use the gloves again, clean them before taking off and air them well. Use gloves only once. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. Before using check leak tightness / impermeability.	
	Eye/face protection:	For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).	
	Skin protection:	For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).	
	Environmental exposure controls:	No special measures are necessary.	

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9.)	PHYSICAL AND CHEMICAL PROPERTIES		
9.1.)	Information on basic physical and chemical properties		
	Physical state: Colour: Odour:	Paste beige - yellow characteristic	
		Test method	
	pH-Value:	Not applicable etc.:	
	Changes in the physical state		
	Melting point:	> 60°C	
	Initial boiling point and boiling range:	> 300°C	
	Sublimation point:	not applicable etc.:	
	Density (at 20°C):	ca. 1 g/cm ³	
	Solubility in other solvents:	Isopropyl alcohol., Ethanol	
	Solvent content:	ca. 8%	
9.2.)	Other information		
	Solid content:	92%	
10.)	STABILITY AND REACTIVITY		
10.1.)	Reactivity	No risks worthy of mention.	
10.2.)	Chemical stability	Stability and reactivity: Yes.	
10.3.)	Possibility of hazardous reactions	No risks worthy of mention.	
10.4.)	Conditions to avoid	Keep away from heat.	
10.5.)	Incompatible materials	No data available.	
10.6.)	Hazardous decomposition products	Thermal decomposition can lead to the escape of irritating gases and vapours.	
	Further information:	Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.	
11.)	TOXICOLOGICAL INFORMATION		
11.1.)	Information on toxicological effects		
	Toxicocinetics, metabolism and distribution:	No data available.	

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		Acute toxicity Dicarboxylic acid mixture (C6)				
		CAS-No.	Exposure routes	Method / Dose	Species	Sourc e
		124-04-9	oral	LD50 / 5700mg/kg	Rat	
	Irritation and corrosivity:	Irritating to e	yes.			
	Additional information on tests		ation was carrie ons Directive (1	d out according to the ca 999/45/EC).	alculation me	thod of
12.)	ECOLOGICAL INFORMATION					
12.1.)	Toxicity	No data avai	able.			
12.2.)	Persistence and degradability	Avoid contact with skin and eyes.				
12.3.)	Bioaccumulative potential	On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.				
12.4.)	Mobility in soil	No data available.				
12.5.)	Results of PBT and vPvB assessment	This substance does not meet the criteria for classification as PBT or vPvB.				
12.6.)	Other adverse effects	No data available. Do not mix with other wastes.				
	Further information:	The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC). The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).			thod of	
13.)	DISPOSAL CONSIDERATIONS					
13.1.)	Waste treatment methods					
	Advice on disposal:	Dispose of w	aste according	to applicable legislation.		
	Waste disposal number of waste from residues/unused products:	200127 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES INCLUDING SEPARATELY COLLECTED FRACTIONS; separ collected fractions (except 15 01); paint, inks, adhesives and re containing dangerous substances Classified as hazardous was			WASTES) NS; separat ves and resi	ns
	Waste disposal number of used product:	200127 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing dangerous substances Classified as hazardous waste.				

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	Waste disposal number of contaminated packaging:	200101 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paper and cardboard. Water (with cleaning agent). Completely emptied packages can be recycled.
14.)	TRANSPORT INFORMATION	
14.1.)	Land transport (ADR/RID) UN proper shipping name: Other applicable information (land transport):	No dangerous good in sense of these transport regulations. No dangerous good in sense of these transport regulations.
14.2.)	Inland waterways transport (ADN) UN proper shipping name: Other applicable information (inland	No dangerous good in sense of these transport regulations.
	waterways transport):	No dangerous good in sense of these transport regulations.
14.3.)	Marine transport (IMDG) UN proper shipping name: Other applicable information (marine	No dangerous good in sense of these transport regulations. No dangerous good in sense of these transport regulations.
	transport):	no dangerous good in sense of these transport regulations.
14.4.)	Air transport (ICAO) UN proper shipping name: Other applicable information (air transport):	No dangerous good in sense of these transport regulations.
		No dangerous good in sense of these transport regulations.
14.5.)	Environmental hazards	
	ENVIRONMENTALLY HAZARDOUS:	no
14.6.)	Special precautions for user	Do not allow uncontrolled discharge of product into the environment.
14.7.)	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC-Code	Not applicable etc.:
14.8.)	Other applicable information	Discharge into the environment must be avoided.
15.)		
	REGULATORY INFORMATION	
15.1.)	Safety, health and environmental regulations/legislation specific for the substance or mixture	
	EU regulatory information	
	2004/42/EC (VOC):	0%
	Additional information:	The receiver of our product is singulary responsible for adhering to existing laws and regulations.

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	National regulatory information		
	Employment restrictions:	Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing. Observe employment restrictions for women of child-bearing age.	
	Water contaminating class (D):	1 – slightly water contaminating	
	Additional information:	The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.	
15.2.)	Chemical safety assessment	Chemical safety assessments for substances in this mixture were not carried out.	
16.)	OTHER INFORMATION		
	Relevant R-phrases (Number and full text):	36	Irritating to eyes.
	Relevant H- and EUH-phrases (Number and full text):	H315 H319 EUH210	Causes skin irritation. Causes serious eye irritation. Safety data sheet available on request.
16.1.)	Revisions date	18.03.2015 / 08.08.2016 / 13.09.2016	
	Revisions-No.:	4.02	
	Further information:	(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet).	

The above information describes exclusively the safety requirements of the product and is based on our presentday knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.