

Ver 3.0	sion	Revision Date: 06/03/2022	-	OS Number: 776867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017
SEC	CTION 1	. IDENTIFICATION			
	Produc	et name	:	Solder Slug, 1/0 A	AWG, Black
	Produc	et code	:	8217.9504	
	Other r	means of identification	:	No data available	
	Manuf	acturer or supplier's o	deta	ails	
	Compa	any name of supplier	:	Würth Canada Lir	nited
	Addres	S	:	345 Hanlon Creel GUELPH, ON N1	
	Teleph	one	:	+1 (905) 564 622	5
	Telefax	ĸ	:	+1 (905) 564 367	1
	Emerg	ency telephone	:	CHEMTREC (24/ Transport related	olving a spill, fire, explosion or exposure: 7): 1-800-424-9300 emergencies: : 1-613-996-6666 or * 666 (cell)
				exposition: CHEMTREC (24/ Urgences liées au	ant un déversement, incendie, explosion ou 7): 1-800-424-9300 u transport: : 1-613-996-6666 ou * 666 (cellulaire)
	E-mail	address	:	prodsafe@wurth.	ca
	Recon	nmended use of the c	hen	nical and restriction	ons on use
	Recom	mended use	:	Solder	
	Restric	tions on use	:	Not applicable	

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations					
Skin sensitization	:	Category 1			
Carcinogenicity	:	Category 2			
Reproductive toxicity	:	Category 1A			
Effects on or via lactation					
Specific target organ toxicity	:	Category 1 (Central nervous system, Kidney, Blood)			



ersion .0	Revision Date: 06/03/2022	SDS Number: 10776867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017
- repe	ated exposure		
	abel elements d pictograms		!
Signa	l Word	: Danger	
Hazar	d Statements	H351 Suspecte H360FD May da H362 May caus H372 Causes d	e an allergic skin reaction. d of causing cancer. amage fertility. May damage the unborn child. e harm to breast-fed children. amage to organs (Central nervous system, Kic ugh prolonged or repeated exposure.
Preca	utionary Statements	P202 Do not ha and understood P260 Do not bra P263 Avoid con P264 Wash skir P270 Do not ea P272 Contamin the workplace. P280 Wear prot and face protec Response: P302 + P352 IF P308 + P313 IF P333 + P313 If tion. P362 + P364 Ta reuse. Storage: P405 Store lock	eathe dust, fume, gas, mist, vapors or spray. tact during pregnancy and while nursing. In thoroughly after handling. It, drink or smoke when using this product. ated work clothing should not be allowed out of ective gloves, protective clothing, eye protection tion. ON SKIN: Wash with plenty of water. exposed or concerned: Get medical attention skin irritation or rash occurs: Get medical attention ake off contaminated clothing and wash it befo
		Disposal: P501 Dispose c disposal plant.	f contents and container to an approved waste
	hazards ause thermal burns.		

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

: Mixture



	Revision Date: 06/03/2022		9S Num 776867			of last issue: 09/22/2021 of first issue: 06/07/2017
Comp	oonents					
Chem		Common Name/Sy		CAS-No.		Concentration (% w/w)
tin		No data a ble	availa-	7440-31-5		>= 60 - < 80 *
Lead		Plumbum		7439-92-1		>= 30 - < 60 *
Rosin		No data a ble	availa-	8050-09-7		>= 1 - < 5 *
	al concentration or 4. FIRST AID MEA		ation ra	inge is with	neid as	s a trade secret
	ral advice	:	vice im	nmediately. symptoms		or if you feel unwell, seek medical ad t or in all cases of doubt seek medica
lf inha	aled	:		ed, remove edical atter		sh air.
In cas	e of skin contact	:	move s Remov Get me Wash	solidified pr ve contaminedical atten clothing be	oduct. nated c ition im fore re	clothing and shoes. Imediately.
In cas	se of eye contact	:				ediately flush eye with plenty of wate irritation develops and persists.
lf swa	llowed	:	Get me Rinse	edical atten	ition. oughly	nduce vomiting. with water. mouth to an unconscious person.
	important symptom ffects, both acute a ed		Suspe May da May ca Cause exposi	cted of cau amage ferti ause harm s damage f ure.	sing ca lity. Ma to brea to orga	kin reaction. ancer. ay damage the unborn child. ast-fed children. ans through prolonged or repeated t will cause thermal burns.

Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).

Notes to physician	:	Treat symptomatically and supportively.
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SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Ν



Version 3.0	Revision Date: 06/03/2022	-	OS Number: 776867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017
Unsu media	itable extinguishing a	:	Not applicable Will not burn	
Spec fightir	ific hazards during fire	:	Exposure to con	nbustion products may be a hazard to health
Haza ucts	rdous combustion prod-	:	Metal oxides Lead compound Carbon oxides	S
Spec ods	ific extinguishing meth-	:	cumstances and Use water spray	ng measures that are appropriate to local cir I the surrounding environment. I to cool unopened containers. aged containers from fire area if it is safe to
	ial protective equipment e-fighters	:		re, wear self-contained breathing apparatus otective equipment.
SECTION	6. ACCIDENTAL RELE	AS	E MEASURES	
tive e	onal precautions, protec- quipment and emer- y procedures	:	Follow safe hand	otective equipment. dling advice (see section 7) and personal pr nt recommendations (see section 8).
Envir	onmental precautions	:	Prevent further I Retain and dispo	the environment. eakage or spillage if safe to do so. ose of contaminated wash water. s should be advised if significant spillages ined.
	ods and materials for inment and cleaning up	:	Sweep up or vac tainer for dispos Local or nationa sal of this materi ployed in the cle which regulation Sections 13 and	use mechanical handling equipment. cuum up spillage and collect in suitable con- al. I regulations may apply to releases and disp ial, as well as those materials and items em anup of releases. You will need to determin s are applicable. 15 of this SDS provide information regardinational requirements.
SECTION	7. HANDLING AND ST	OR	AGE	
Tech	nical measures	:	See Engineering	measures under EXPOSURE

		CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	If sufficient ventilation is unavailable, use with local exhaust ventilation.
Advice on safe handling	:	Do not breathe decomposition products.



Version 3.0	Revision Date: 06/03/2022	SDS Number: 10776867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017				
		Avoid contact during pregnancy and while nursing. Do not get on skin or clothing. Do not breathe dust, fume, gas, mist, vapors or spray. Do not swallow. Avoid contact with eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and sa practice, based on the results of the workplace exposure a sessment Keep container tightly closed. Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to environment.					
Condi	tions for safe storage	Store locked up. Keep tightly close					
Mater	ials to avoid	Strong oxidizing	ostances and mixtures				

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
tin	7440-31-5	TWA	2 mg/m ³	CA AB OEL
		TWA	2 mg/m ³	CA BC OEL
		TWA	2 mg/m ³	CA ON OEL
		TWAEV	2 mg/m ³	CA QC OEL
		TWA (Inha- lable particu- late matter)	2 mg/m³ (Tin)	ACGIH
Lead	7439-92-1	TWA	0.05 mg/m ³	CA BC OEL
		TWA	0.05 mg/m ³ (Lead)	CA AB OEL
		TWAEV	0.05 mg/m ³ (Lead)	CA QC OEL
		TWA	0.05 mg/m ³ (Lead)	CA ON OEL
		TWA	0.05 mg/m ³ (Lead)	ACGIH
Rosin	8050-09-7	TWA (Inha- lable particu- late matter)	0.001 mg/m ³ (total Resin acids)	ACGIH

SAFETY DATA SHEET



Solder Slug, 1/0 AWG, Black

Version	Revision Date:	SDS Number:	Date of last issue: 09/22/2021
3.0	06/03/2022	10776867-00005	Date of first issue: 06/07/2017

Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Lead monoxide	1317-36-8	TWA	0.05 mg/m ³ (Lead)	CA AB OEL
		TWAEV	0.05 mg/m ³ (Lead)	CA QC OEL
		TWA	0.05 mg/m ³ (Lead)	CA BC OEL
		TWA	0.05 mg/m ³ (Lead)	CA ON OEL
		TWA	0.05 mg/m ³ (Lead)	ACGIH
Formaldehyde	50-00-0	TWA	0.75 ppm 0.9 mg/m ³	CA AB OEL
		(c)	1 ppm 1.3 mg/m ³	CA AB OEL
		TWA	0.1 ppm	CA BC OEL
		STEL	0.3 ppm	CA BC OEL
		STEL	1 ppm	CA ON OEL
		С	1.5 ppm	CA ON OEL
		С	2 ppm 3 mg/m ³	CA QC OEL
		TWA	0.1 ppm	ACGIH
		STEL	0.3 ppm	ACGIH
Acetaldehyde	75-07-0	(c)	25 ppm 45 mg/m³	CA AB OEL
		С	25 ppm	CA BC OEL
		С	25 ppm 45 mg/m³	CA QC OEL
		С	25 ppm	ACGIH
Acrolein	107-02-8	(c)	0.1 ppm 0.2 mg/m ³	CA AB OEL
		С	0.1 ppm	CA BC OEL
		TWAEV	0.1 ppm 0.23 mg/m ³	CA QC OEL
		STEV	0.3 ppm 0.69 mg/m ³	CA QC OEL
		С	0.1 ppm	ACGIH
Butyraldehyde	123-72-8	TWA	25 ppm 75 mg/m ³	US WEEL

Biological occupational exposure limits

Components	CAS-No.	Control	Biological	Sam-	Permissible	Basis
		parameters	specimen	pling	concentra-	
				time	tion	
Lead	7439-92-1	Lead (Lead)	In blood	Not criti- cal	200 µg/l	ACGIH BEI
		(Leau)		Lai		DEI
Engineering measures	: Pro 10)	• •	orm hazardo	ous compou	unds (see sect	ion

Minimize workplace exposure concentrations.

If sufficient ventilation is unavailable, use with local exhaust



Version 3.0	Revision Date: 06/03/2022		S Number: 776867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017			
			ventilation.				
Perso	onal protective equip	ment					
	iratory protection	:	sure assessmen	l exhaust ventilation is not available or expo- t demonstrates exposures outside the re- delines, use respiratory protection.			
Fil	Filter type : Self-contained breathing apparatus						
Hand protection Material : Heat resistant gloves				oves			
Ma	aterial	:	Nitrile rubber				
Ma	aterial	:	Natural Rubber				
Re	Remarks		Choose gloves to protect hands against chemicals dependin on the concentration specific to place of work. For special applications, we recommend clarifying the resistance to che micals of the aforementioned protective gloves with the glov manufacturer. Wash hands before breaks and at the end of workday. Breakthrough time is not determined for the pro- duct. Change gloves often!				
Eye p	protection	:	Wear the following personal protective equipment: Safety glasses				
resistance da potential. Skin contact		resistance data a potential. Skin contact mu	te protective clothing based on chemical and an assessment of the local exposure st be avoided by using impervious protective aprons, boots, etc).				
Hygie	Hygiene measures		eye flushing syst king place. When using do r Contaminated w workplace.	nemical is likely during typical use, provide tems and safety showers close to the wor- not eat, drink or smoke. ork clothing should not be allowed out of the ated clothing before re-use.			

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	solid
Color	:	silver, gray
Odor	:	odorless



Version 3.0	Revision Date: 06/03/2022		S Number: 76867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017
Od	or Threshold	:	No data available	9
pН		:	No data available	9
Ме	Iting point/freezing point	:	> 100 °C	
Init rar	ial boiling point and boiling ge	:	1,740 °C	
Fla	sh point	:	Not applicable	
Ev	aporation rate	:	Not applicable	
Fla	mmability (solid, gas)	:	Not classified as	a flammability hazard
	per explosion limit / Upper nmability limit	:	No data available	
	wer explosion limit / Lower nmability limit	:	No data available	9
Va	por pressure	:	Not applicable	
Re	lative vapor density	:	Not applicable	
Re	lative density	:	No data available	9
De	nsity	:	8.4 g/cm ³ (20 °C))
So	lubility(ies) Water solubility	:	insoluble	
	rtition coefficient: n- anol/water	:	Not applicable	
Au	toignition temperature	:	No data available	9
De	composition temperature	:	No data available	9
Vis	cosity Viscosity, kinematic	:	Not applicable	
Ex	plosive properties	:	Not explosive	
Ox	idizing properties	:	The substance of	r mixture is not classified as oxidizing.
Pa	rticle size	:	No data available	9

SECTION 10. STABILITY AND REACTIVITY

Reactivity

: Not classified as a reactivity hazard.



Vers 3.0	sion	Revision Date: 06/03/2022		S Number: 76867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017
	Chemic	al stability	:	Stable under nor	mal conditions.
	Possibi tions	lity of hazardous reac-	:		rong oxidizing agents. mposition products will be formed at elevated
	Conditi	ons to avoid	:	None known.	
	Incompatible materials		:	Oxidizing agents	
		ous decomposition p al decomposition		Jcts Lead monoxide Formaldehyde Acetaldehyde Acrolein Butyraldehyde	

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Skin contact Ingestion Eye contact

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity :	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
Components:	
tin:	
Acute oral toxicity :	LD50 (Rat): > 2,000 mg/kg
Acute inhalation toxicity :	LC50 (Rat): > 4.75 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403
Acute dermal toxicity :	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute dermal toxicity
Lead:	
Acute oral toxicity :	LD50 (Rat): > 2,000 mg/kg Remarks: Based on data from similar materials
Acute inhalation toxicity :	LC50 (Rat): > 5 mg/l Exposure time: 4 h



ersion)	Revision Date: 06/03/2022	SDS Number:Date of last issue: 09/22/202110776867-00005Date of first issue: 06/07/2017				
		Test atmosphere: dust/mist Method: OECD Test Guideline 403 Remarks: Based on data from similar materials				
Acute	dermal toxicity	 LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Remarks: Based on data from similar materials 				
Rosin	1:					
Acute	oral toxicity	: LD50 (Rat): 2,800 mg/kg				
Acute	dermal toxicity	 LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute dermal toxicity 				
	corrosion/irritation assified based on av	ailable information.				
<u>Comp</u>	oonents:					
tin:						
Specie Metho Result	bd	 Rabbit OECD Test Guideline 404 No skin irritation 				
Lead:						
Specie Metho Resul Rema	od t	 Rabbit OECD Test Guideline 404 No skin irritation Based on data from similar materials 				
Rosin	1:					
Specie Metho Resul	es od	 Rabbit OECD Test Guideline 404 No skin irritation 				
Serio	us eye damage/eye	irritation				
	assified based on av					
<u>Comp</u>	oonents:					
tin:						
Specie		: Rabbit				
Resul [®] Metho		No eye irritationOECD Test Guideline 405				
Lead:						
Specie		: Rabbit				
Resul	t	: No eye irritation				
Metho	bd	: OECD Test Guideline 405				



Version 3.0	Revision Date: 06/03/2022	-	98 Number: 776867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017
Ren	narks	:	Based on data fro	m similar materials
Res	ecies	: :	Rabbit No eye irritation OECD Test Guide	line 405
Res	spiratory or skin sensitiza	atio	n	
•	n sensitization / cause an allergic skin rea	ctic	on.	
	spiratory sensitization classified based on availa	ble	information.	
<u>Cor</u>	nponents:			
Rou Spe Met Res	t Type utes of exposure ecies hod		Maximization Test Skin contact Guinea pig OECD Test Guide negative Based on data fro	
	sin: essment narks	:		ence of skin sensitization in humans ised classification in EU regulation < VI
	m cell mutagenicity classified based on availal	ble	information.	
<u>Cor</u>	nponents:			
tin: Ger	notoxicity in vitro	:	Test Type: Bacter Method: OECD Te Result: negative	ial reverse mutation assay (AMES) est Guideline 471
Ros Ger	sin: notoxicity in vitro	:	Test Type: Bacter Method: OECD Te Result: negative	ial reverse mutation assay (AMES) est Guideline 471
	cinogenicity spected of causing cancer.			
<u>Cor</u>	nponents:			
tin: Spe	ecies	:	Rat	



ersion 0	Revision Date: 06/03/2022		9S Number: 776867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017
		:	Ingestion 115 weeks negative Based on data fro	om similar materials
Lead:				
	ation Route sure time t	:	Rat Ingestion 2 Years positive Based on data fro	om similar materials
Carcir ment	ogenicity - Assess-	:	Limited evidence	of carcinogenicity in animal studies
May d May c	oductive toxicity amage fertility. May dar ause harm to breast-fec onents:			
Lead:				
	ductive toxicity - As- nent	:	fertility from huma	e of adverse effects on sexual function and an epidemiological studies., Positive eviden ects on development from human epidemio Studies indicating a hazard to babies during od
Rosin	:			
Effects	s on fertility	:	test Species: Rat Application Route	eduction/Developmental toxicity screening e: Ingestion Test Guideline 421
Effects	s on fetal development	:	Test Type: Repro test Species: Rat Application Route	oduction/Developmental toxicity screening

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Causes damage to organs (Central nervous system, Kidney, Blood) through prolonged or repeated exposure.



ersion .0	Revision Date: 06/03/2022		9S Number: 776867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017
Com	oonents:			
Lead	:			
-	et Organs ssment	:		nervous system, Blood to organs through prolonged or repeated
Repe	ated dose toxicity			
Com	oonents:			
tin:				
Speci		:	Rat	
NOAE	EL cation Route	:	> 1,000 mg/kg Ingestion	
	sure time	÷	28 Days	
Metho	bd	:	OECD Test Gui	deline 407
Aspir	ation toxicity			
Not cl	assified based on ava	ilable	information.	
Expe	rience with human e	xposu	ire	
<u>Com</u>	oonents:			
Lead				
Gene	ral Information	:	Target Organs:	
			Symptoms: ane	IIIa
				Central nervous system rological disorders
			Target Organs:	Kidney
			Symptoms: rena	Il failure
				Reproductive organs uced fertility, male reproductive effects
ECTION	12. ECOLOGICAL IN	FORM	IATION	
Ecoto	oxicity			
Com	oonents:			
tin:				
Toxic	ity to fish	:	Exposure time: 9 Remarks: No to:	es promelas (fathead minnow)): > 12.4 μg/l 96 h kicity at the limit of solubility. rom similar materials
	ity to algae/aquatic	:		irchneriella subcapitata (green algae)): > 19.
plants	6		µg/l	



Version 3.0	Revision Date: 06/03/2022		9S Number: 776867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017
				est Guideline 201 city at the limit of solubility. m similar materials
	y to daphnia and other invertebrates (Chron- ity)	:	Exposure time: 7 Remarks: No toxic	nnia dubia (water flea)): 100 μg/l d city at the limit of solubility. m similar materials
Toxicity	Toxicity to microorganisms		EC50: > 511 mg/l Exposure time: 3 Method: OECD Te Remarks: Based o	h
Lead:				
Toxicity	y to fish	:	Exposure time: 96 Remarks: Based of	s promelas (fathead minnow)): > 0.1 - 1 mg/l 5 h on transformation/dissolution testing and metal compounds
	y to daphnia and other invertebrates	:	Exposure time: 48 Remarks: Based of	nia dubia (water flea)): > 0.01 - 0.1 mg/l 3 h on transformation/dissolution testing and metal compounds
Toxicity plants	y to algae/aquatic	:	- 0.1 mg/l Exposure time: 72 Remarks: Based of	rchneriella subcapitata (green algae)): > 0.01 2 h on transformation/dissolution testing and metal compounds
			- 0.1 mg/l Exposure time: 72 Remarks: Based of	chneriella subcapitata (green algae)): > 0.01 2 h on transformation/dissolution testing and metal compounds
Toxicity icity)	y to fish (Chronic tox-	:	mg/l Exposure time: 57 Remarks: Based of	thus mykiss (rainbow trout)): > 0.01 - 0.1 70 d on transformation/dissolution testing and metal compounds
	y to daphnia and other invertebrates (Chron- ity)	:	EC10: > 0.001 - 0 Exposure time: 30	
Rosin:				
	y to fish	:	Exposure time: 96	Vater Accommodated Fraction
Toxicity	y to daphnia and other	:	EL50 (Daphnia m	agna (Water flea)): 911 mg/l



Revision Date: 06/03/2022			Date of last issue: 09/22/2021 Date of first issue: 06/07/2017
atic invertebrates			8 h Water Accommodated Fraction Fest Guideline 202
city to algae/aquatic ts	:	1,000 mg/l Exposure time: 7 Test substance:	kirchneriella subcapitata (green algae)): > 2 h Water Accommodated Fraction Fest Guideline 201
city to microorganisms	:	EC50: > 10,000 Exposure time: 3 Method: OECD 1	
istence and degradabi	lity		
ponents:			
in:			
egradability	:	Result: Readily b Biodegradation: Exposure time: 2 Method: OECD 1	71 %
ccumulative potential			
ponents:			
in:			
ccumulation	:		ynchus mykiss (rainbow trout) factor (BCF): < 100
tion coefficient: n- nol/water	:	log Pow: 3 - 6.2	
ility in soil			
ata available			
er adverse effects ata available			
	06/03/2022 atic invertebrates city to algae/aquatic ts city to microorganisms istence and degradabil ponents: in: egradability for cumulative potential ponents: in: ccumulation tion coefficient: n- nol/water ility in soil ata available er adverse effects	06/03/2022 10 attic invertebrates 10 attic invertebrates 10 city to algae/aquatic 11 city to microorganisms 11 cistence and degradability 11 oponents: 11 in: 11 egradability 11 oponents: 11 in: 11 ccumulative potential 11 oponents: 11 in: 11 ccumulation 11 in: 11	06/03/202210776867-00005attic invertebratesExposure time: 4 Test substance: Method: OECD T Method: OECD Tcity to algae/aquatic:NOELR (Pseudo 1,000 mg/l Exposure time: 7 Test substance: Method: OECD Tcity to microorganisms:EC50: > 10,000 f Exposure time: 3 Method: OECD Tcity to microorganisms:EC50: > 10,000 f Exposure time: 3 Method: OECD Tcity to microorganisms:EC50: > 10,000 f Exposure time: 3 Method: OECD Tcity to microorganisms:EC50: > 10,000 f Exposure time: 3 Method: OECD Tcity to microorganisms:EC50: > 10,000 f Exposure time: 3 Method: OECD Tcity to microorganisms:EC50: > 10,000 f Exposure time: 3 Method: OECD Tcity to microorganisms:EC50: > 10,000 f Exposure time: 3 Method: OECD Tcity to microorganisms:EC50: > 10,000 f Exposure time: 3 Method: OECD Tcity to microorganisms:EC50: > 10,000 f Exposure time: 3 Method: OECD Tcity to microorganisms:EC50: > 10,000 f Exposure time: 3 Method: OECD Tcity to microorganisms:Result: Readily b Biodegradation: Exposure time: 2 Method: OECD Tcity to microorganisms::Result: Readily b Biodegradation: Exposure time: 2 Method: OECD Tcity to microorganisms::Species: Oncorh Bioconcentration tion coefficient: n- inol/waterility in soil ata available er adverse effects::

Disposal methods Waste from residues	: Dispose of in accordance with local regulations.
Contaminated packaging	 Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.





Version 3.0	Revision Date: 06/03/2022		OS Number: 776867-00005	Date of last issue: 09/22/2021 Date of first issue: 06/07/2017
SECTION	N 14. TRANSPORT INFO	RM	ATION	
Inte	rnational Regulations			
	RTDG			
-	number		UN 3077	
	per shipping name	:		ALLY HAZARDOUS SUBSTANCE, SOLID,
Clas	S	:	9	
Pacl	king group	:	III	
Labe	els	:	9	
IAT	A-DGR			
UN/I	D No.	:	UN 3077	
Prop	per shipping name	:	Environmentally (Lead)	hazardous substance, solid, n.o.s.
Clas	-	:	9	
	king group	:		
Labe		:	Miscellaneous	
aircr		:	956	
	king instruction (passen- aircraft)	:	956	
Envi	ronmentally hazardous	:	yes	
IMD	G-Code			
	number	:	UN 3077	
Prop	per shipping name	:	ENVIRONMENT N.O.S. (Lead)	ALLY HAZARDOUS SUBSTANCE, SOLID,
Clas	S	:	9	
Pac	king group	:	III	
Labe	els	:	9	
	SCode	:	F-A, S-F	
Mari	ne pollutant	:	yes	

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

TDG		
UN number	:	UN 3077
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lead)
Class	:	9
Packing group	:	III
Labels	:	9
ERG Code	:	171
Marine pollutant	:	yes(Lead)

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data



Version	Revision Date:	SDS Number:	Date of last issue: 09/22/2021
3.0	06/03/2022	10776867-00005	Date of first issue: 06/07/2017

Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

Volatile organic compounds (VOC) content	CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999 - Guidelines for VOC in Consumer Products VOC content: 0 %

The ingredients of this product are reported in the following inventories:		
DSL	:	All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

SECTION 16. OTHER INFORMATION

Full text of other abbreviations		
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ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI	:	ACGIH - Biological Exposure Indices (BEI)
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table
CA BC OEL		2: OEL) Canada. British Columbia OEL
CA ON OEL		Ontario Table of Occupational Exposure Limits made under
	-	the Occupational Health and Safety Act.
CA QC OEL	:	Québec. Regulation respecting occupational health and safe-
		ty, Schedule 1, Part 1: Permissible exposure values for air-
		borne contaminants
US WEEL	:	USA. Workplace Environmental Exposure Levels (WEEL)
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
ACGIH / C	:	Ceiling limit
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA AB OEL / (c)	:	ceiling occupational exposure limit
CA BC OEL / TWA	:	8-hour time weighted average
CA BC OEL / STEL	:	short-term exposure limit
CA BC OEL / C	:	ceiling limit
CA ON OEL / C	:	Ceiling Limit (C)
CA ON OEL / TWA	:	Time-Weighted Average Limit (TWA)
CA ON OEL / STEL	:	Short-Term Exposure Limit (STEL)
CA QC OEL / TWAEV	:	Time-weighted average exposure value
CA QC OEL / STEV	:	Short-term exposure value
CA QC OEL / C	:	Ceiling
US WEEL / TWA	:	8-hr TWA

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA



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- International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Sources of key data used to compile the Material Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/
Revision Date Date format	:	06/03/2022 mm/dd/yyyy

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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