

Page 1 of 6 SDS-E-RSF-R39

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU & GHS Standards SDS Revision: 4.1 SDS Revision Date: 4/25/2022

	pared to OSHA, ACC, ANS	SI, WHSR, WE	IMIS, EU & GH	S Standards			SDS Revis	ion: 4.1		SDS	Revisio	n Date	: 4/25/2022
			DDODUG	T 0 00	4D 4 5137	IDE:	TIE!A	A TIO	<u> </u>				
.1	Product Name:		PRODUC										
			OSIN NO-	CLEAN S	OLDE	RING	<u>FLUX</u>	(P/N	RSF	<u>-R3</u>	9)		
.2	Chemical Name:	NA											
1.3	Synonyms:		Soldering Flux;										
1.4	Trade Names:	CAIG Rosin	RSF-R39 Flux	PART NOS:									
		Part No. RSI	F-R39-8G (8 gra	ams).	Part No. RS	SF_R39_2	(56 gran	ne).	Par	t No	RSF-R	39-8	(226 g);
			F-R39-3KG (3 k	•	Part No. RS		` •	,.		. 140.	1.01 1.	.00 0	(220 g),
1.5	Product Uses & Restrictions:	Soldering Flu	Soldering Flux										
.6	Distributor's Name:	CAIG Labora											
.7	Distributor's Address:		her Court, Pow										
1.8	Emergency Phone:		EC: +1 (703)	) 527-3887	/ +1 (800	) 424-9	9300						
1.9	Business Phone / Fax:	+1 (800) 224	l-4123										
			2. H	AZARDS	IDENT	IFICA	TION						
2.1	Hazard Identification:	Prepared in	accordance with					ided to d	comply	with (	OSHA :	29	
			200. Canadian										
			DOUS SUBSTA				GOODS a	accordin	g to the	e clas	sification	on	
			DHSC: 1088 (20				ON				4 OTIN	_	
			MAY CAUSE			REACTION	ON. WAY	CAUS	E LOI	NG L	ASTIN	G	
		_	<u>n</u> : Skin Sens. 1										
2.2	Label Elements:	Hazard State	ements (H): H3	17 – May caus		c skin rea	action. H	413 - Ma	ay caus	se lor	g lastir	ng	
			cts to aquatic lif						•				
		Precautional	ry Statements (F	P): P261 – Av	oid breathin	g dust. P	264 – Wa	sh thoro	ughly a	after I	nandlin	g.	
			d release to the lenty of water. F										·
			cific treatment se										
			e reuse. P337+										
		Dispose of c	ontents/contain	er to licenses	treatment,	storage a	and dispo	sal facili	tv (TSI	DF).			
								our ruom	<i>,</i> ,				
2.3	Other Warnings:	KEEP LOCK	CED UP AND O	UT OF REAC			'	our ruom					
2.3	Other Warnings:	1			H OF CHIL	DREN.							
2.3	Other Warnings:	1	OMPOSIT		H OF CHIL	DREN.		MAT	ION		N AIR (m	g/m³)	
2.3	Other Warnings:	1			H OF CHIL	ENT I	NFOR	MAT EXPO NOHSC	ION SURE LI		OSHA	g/m³)	
2.3	Other Warnings:	1			H OF CHIL	DREN.	NFOR	EXPO NOHSC ppm	ION SURE LI			g/m³)	
	Other Warnings:	1			H OF CHIL	ENT I  ACGII  ppm	NFOR	EXPO NOHSC ppm ES-	ION SURE LI		OSHA	g/m³)	OTHER
:НЕМ	ICAL NAME(S)	3. C	OMPOSIT	TON & IN	GREDI	ENT I  ACGII  Ppm TLV S	NFOR	EXPO NOHSC ppm ES-	ION SURE LI	MITS I	OSHA ppm		OTHER SENSITIZER
НЕМ	ICAL NAME(S)	3. C  CAS No.  8050-09- 7  Skin Sens. 1	OMPOSIT    RTECS No.   VL0480000 ; H317	EINECS No.	IGREDI %	ENT I  ACGII  ppm TLV S	NFOR H ES- STEL TWA	EXPO NOHSC ppm ES- STEL	SURE LI ES- PEAK	PEL NA	OSHA ppm STEL NA	IDLH NA	SENSITIZER
HEMI	ICAL NAME(S)	3. C  CAS No.  8050-09- 7  Skin Sens. 1  NA	OMPOSIT  RTECS No.  VL0480000 ; H317 NA	EINECS No.	IGREDI	ENT I  ACGII  ppm TLV S	NFOR	EXPO NOHSC ppm ES- STEL	SURE LI ES- PEAK	MITS I	OSHA ppm STEL	IDLH	
HEM!	ICAL NAME(S) N PRIETARY INGREDIENTS	3. C  CAS No.  8050-09- 7  Skin Sens. 1  NA  Chronic Aq.	OMPOSIT  RTECS No.  VL0480000 ; H317  NA  Tox. 4; H413	EINECS No. 232-475-7	## OF CHILD SHOP CHILD	DREN.  ENT I  ACGII  ppm TLV S  NA	NFOR H ESTEL ESTEL TWA	EXPO NOHSC ppm ES- STEL NF	ES- PEAK NF	PEL NA	OSHA ppm STEL NA	IDLH NA 15	SENSITIZER
ROSI	ICAL NAME(S)	3. C  CAS No.  8050-09- 7  Skin Sens. 1  NA	OMPOSIT  RTECS No.  VL0480000 ; H317 NA	EINECS No.	IGREDI %	DREN.  ENT I  ACGII  ppm TLV S  NA	NFOR H ES- STEL TWA	EXPO NOHSC ppm ES- STEL	SURE LI ES- PEAK	PEL NA	OSHA ppm STEL NA	IDLH NA	SENSITIZER
ROSIII PROF PROF	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS	3. C  CAS No.  8050-09- 7  Skin Sens. 1  NA  Chronic Aq.	OMPOSIT  RTECS No.  VL0480000 ; H317  NA  Tox. 4; H413	EINECS No. 232-475-7	## OF CHILD SHOP CHILD	ENT I  ACGII  PPM TLV S  NA  3  3	NFOR H ESTEL ESTEL TWA	ES- STEL  NF	ES- PEAK NF	PEL NA	OSHA ppm STEL NA	IDLH NA 15	SENSITIZER
HEMI PROF PROF	ICAL NAME(S)  N  PRIETARY INGREDIENTS  PRIETARY INGREDIENTS	3. C  CAS No.  8050-09- 7  Skin Sens. 1  NA  Chronic Aq.  NA	OMPOSIT  RTECS No.  VL0480000 ; H317  NA  Tox. 4; H413  NA	EINECS No.    232-475-7	## OF CHILD    GREDI	ENT I  ACGII  PPM TLV S  NA  3  3	NFOR H STEL ES- TWA NA NF NA 3 NA 3	ES- STEL  NF	ES- PEAK	PEL NA 5	OSHA ppm STEL NA NA	IDLH NA 15	SENSITIZER   RESP   RESP
HEMI COSIII ROF ROF ROF	PRIETARY INGREDIENTS	3. C  CAS No.  8050-09- 7  Skin Sens. 1  NA  Chronic Aq.  NA	RTECS No.   VL0480000   H317   NA   NA   NA	EINECS No.  232-475-7  NA  NA	SH OF CHIL	DREN.  ENT I  ACGII  ppm TLV S  NA  3  10	NFOR H ESTEL ESTEL TWA NA NF NA 3 NA NA NF	ES- STEL  NF	ES- PEAK	PEL NA 5	OSHA ppm STEL NA NA	IDLH NA 15	SENSITIZER   RESP   RESP
HEMI ROF ROF ROF SYNT CTIN	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS THESIS REGULATORS) (ATORS	3. C  CAS No.  8050-09- 7  Skin Sens. 1  NA  Chronic Aq.  NA	OMPOSIT    RTECS No.     VL0480000    ; H317     NA     Tox. 4; H413     NA     NA     NA     NA     A.	EINECS No.    232-475-7   NA   NA   NA   NA   NA   NA   NA   N	SH OF CHILD	ENT I  ACGII  PPM TLV S  NA  3  10	NFOR  H ESTEL ESTEL  NA NF  NA 3  NA NF	ES- STEL  NF  NF	ES-PEAK  NF  NF  NF	PEL NA 5 5 10	OSHA ppm STEL NA NA NA	IDLH NA 15 10 NA	RESP RESP FRAC
ROF ROF ROF ROF ROF SYNT	PRIETARY INGREDIENTS	3. C  CAS No.  8050-09- 7  Skin Sens. 1  NA  Chronic Aq.  NA	RTECS No.   VL0480000   H317   NA   NA   NA   NA   NA   If ingested, D	EINECS No.    232-475-7    NA    NA    NA    NA    O NOT INDU	SH OF CHILD	DREN.  ENT I  ACGIN ppm TLV S  NA  3  10  ASUR NG. Col	NFOR  H ESTEL ESTEL  NA NF  NA 3  NA NF  ES  INA TABLE  NA TABLE	ES- STEL  NF  NF  NF  NF	ES-PEAK  NF  NF  NF  Poisor	PEL NA 5 5 10 1 Con	OSHA ppm STEL NA NA NA NA NA	IDLH NA 15 10 NA NA nter o	RESP RESP FRAC r local emergen
ROSIII PROF PROF PROF SYN'	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS THESIS REGULATORS) (ATORS	3. C  CAS No.  8050-09- 7  Skin Sens. 1  NA  Chronic Aq.  NA	RTECS No.  VL0480000 ; H317 NA Tox. 4; H413 NA  NA  If ingested, D number. Prov	EINECS No.  232-475-7  NA  NA  NA  FIRST A O NOT INDU vide an estima	SH OF CHILD	DREN.  ENT I  ACGIN ppm TLV S  NA  3  10  ASUR NG. Col	NFOR  H ESTEL ESTEL  NA NF  NA 3  NA NF  ES  INA TABLE  NA TABLE	ES- STEL  NF  NF  NF  NF	ES-PEAK  NF  NF  NF  Poisor	PEL NA 5 5 10 1 Con	OSHA ppm STEL NA NA NA NA NA	IDLH NA 15 10 NA NA nter o	RESP RESP FRAC
ROSIII PROF PROF PROF PROF SYNT	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS THESIS REGULATORS) (ATORS	3. C  CAS No.  8050-09- 7 Skin Sens. 1 NA Chronic Aq. NA NA  Ingestion:	RTECS No.  VL0480000 ; H317 NA  Tox. 4; H413 NA  NA  If ingested, D number. Prov that was swal	EINECS No.  232-475-7  NA  NA  NA  FIRST A O NOT INDU vide an estima	% 25-50 1-10 1-10 1-10 CE VOMITI	DREN.  ENT I  ACGIN  PPM  TLV S  NA  3  10  ASUR  NG. Cote at whice	NFOR  H ESTEL ESTEL  NA NF  NA 3  NA NF  ES  ntact the h the mat	EMAT  EXPO NOHSC  ppm ES- STEL  NF  NF  NF  NF  NF  NF  NF  NF	ES-PEAK NF NF NF NF NF NF NF	PEL NA 5 10 10 11 Conted at	OSHA ppm STEL NA NA NA NA NA NA	IDLH NA 15 10 NA NA nter o	RESP RESP FRAC r local emergen
ROSIII PROF PROF PROF PROF SYNT	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS THESIS REGULATORS) (ATORS	3. C  CAS No.  8050-09- 7  Skin Sens. 1  NA  Chronic Aq.  NA	RTECS No.  VL0480000 ; H317 NA Tox. 4; H413 NA  NA  If ingested, D number. Proventhat was swal Splashes are for at least 30	EINECS No.  232-475-7  NA  NA  NA  FIRST A  O NOT INDU vide an estimal llowed. not likely; how minutes lifting	25-50  1-10  1-10  LID MEA  CE VOMITI te of the time vever, if programmer and	DREN.  ENT I  ACGIII  PPM TLV S  NA  3  10  ASUR  NG. Cole eat whice duct gets designed by the color of the c	NFOR  H ESTEL ESTEL  NA NF  NA 3  NA 3  NA NF  ES  Intact the h the mather in the eye	NF NF NF NF NF NF NF NF NF	SURE LI  ES- PEAK  NF  NF  NF  NF  NF  NF  NF  NF  NF  N	PEL NA 5 10 1 Conted al	OSHA ppm STEL NA NA NA NA NA us amouttool Celebrate a constant of the acus amouttool constant of the constant	IDLH NA 15 10 NA NA NA NA NA NA NA	RESP RESP FRAC r local emergent of the substan
ROSIII PROF PROF PROF SYN'	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS THESIS REGULATORS) (ATORS	3. C  CAS No.  8050-09- 7 Skin Sens. 1 NA Chronic Aq. NA  NA  Ingestion:  Eyes:	PRIECS No.  VL0480000 ; H317 NA  Tox. 4; H413 NA  NA  If ingested, D number. Prov. that was swal Splashes are for at least 30 to do. Seek in the second seco	EINECS No.  232-475-7  NA  NA  NA  FIRST A O NOT INDU ide an estimal llowed. not likely; how minutes lifting medical attenti	25-50  1-10  1-10  LID MEA  CE VOMITI te of the time vever, if programmer and on.	DREN.  ENT I  ACGII  PPM TLV S  NA  3  10  ASUR  NG. Cole at whice duct gets lower lid	NFOR  H ESTEL ESTEL  NA NF  NA 3  NA NF  ES  Intact the hold the mate is in the eyels, occasion.	NF	SURE LI  ES- PEAK  NF  NF  NF  NF  NF  NF  Remove	PEL NA 5 10 1 Conted at accopio e contend at accopio e conted at a	NA	IDLH  NA  15  10  NA	RESP RESP FRAC  r local emergen at of the substant of lukewarm wat present and ear
ROSIII PROF PROF PROF	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS THESIS REGULATORS) (ATORS	3. C  CAS No.  8050-09- 7 Skin Sens. 1 NA Chronic Aq. NA NA  Ingestion:	RTECS No.  VL0480000 ; H317 NA Tox. 4; H413 NA  NA  If ingested, D number. Provided was swall Splashes are for at least 30 to do. Seek n Wash with ple	EINECS No.  232-475-7  NA  NA  NA  FIRST A  O NOT INDU vide an estima llowed. not likely; how minutes lifting medical attention enty of soap ar	25-50  1-10  1-10  1-10  CE VOMITI te of the time vever, if progupper and on and water. Re	DREN.  ENT I  ACGII  ppm TLV s  NA  3  10  ASUR  NG. Cote at whice did to gets down lide to gets down lide to gets down lide to get and the control of the c	NFOR  H ESTEL TWA  NA NF  NA 3  NA NA NF  ES  Intact the hold the mate in the eyels, occasion taminator.	RMAT  EXPO NOHSC  Ppm ES- STEL  NF  NF  NF  NF  NF  Nearest erial was yes, flus onally. If ed clothing the control of the cont	ES-PEAK  NF  NF  NF  NF  NF  Residence of the control of the contr	PEL NA 5 10 Conted at	OSHA ppm STEL NA	IDLH  NA  15  10  NA  NA  NA  NA  NA  NA  NA  NA	RESP RESP FRAC  r local emergen at of the substan of lukewarm was present and ear
ROSIII PROF PROF PROF PROF SYNT	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS THESIS REGULATORS) (ATORS	3. C  CAS No.  8050-09- 7 Skin Sens. 1 NA Chronic Aq. NA  NA  Ingestion:  Eyes:	RTECS No.  VL0480000 ; H317 NA Tox. 4; H413 NA  NA  If ingested, D number. Prov. that was swal Splashes are for at least 30 to do. Seek n Wash with ple thoroughly wi	EINECS No.  232-475-7  NA  NA  NA  FIRST A  O NOT INDU vide an estima llowed. not likely; how minutes lifting medical attention entry of soap ar ith water befo	25-50  1-10  1-10  1-10  XID MEA  CE VOMITI te of the time vever, if programmer and on, and water. Re re removing the remo	DREN.  ENT I  ACGII  PPM TLV S  NA  3  10  ASUR  NG. Cole at whice did to get side which are considered as a few or with a series of the constant of the const	NFOR  H ESTEL ESTEL TWA  NA NF  NA 3  NA NA NF  ES  Intact the h the mate in the eyels, occasion taminate wear glove.	RMAT  EXPO NOHSC  ppm ES- STEL  NF  NF  NF  NF  NF  Led clothies. Conf	ES-PEAK  NF  NF  NF  NF  NF  Remover and inue to	PEL NA 5 10 Connted al	NA N	IDLH  NA  15  10  NA  NA  nter o amour  bunts o sses if h cont t least	RESP RESP FRAC  r local emergen at of the substan of lukewarm wat present and eater aminated clothic to minutes. Grant of minutes. Grant of minutes. Grant of the substan of the substan of lukewarm wat present and eater aminated clothic to minutes. Grant of the substan of the substant o
ROSIII PROF PROF PROF SYN'	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS THESIS REGULATORS) (ATORS	3. C  CAS No.  8050-09- 7 Skin Sens. 1 NA Chronic Aq. NA  NA  Ingestion:  Eyes:	RTECS No.  VL0480000 ; H317 NA Tox. 4; H413 NA  NA  If ingested, D number. Prov. that was swal Splashes are for at least 30 to do. Seek n Wash with ple thoroughly wi	EINECS No.  232-475-7  NA  NA  NA  FIRST A O NOT INDU vide an estima llowed. not likely; hove medical attention to soap are ith water before the soap are it	25-50  1-10  1-10  1-10  XID MEA CE VOMITI te of the tim vever, if progupper and on, and water. Re re removingent of any co	DREN.  ENT I  ACGII  PPM TLV S  NA  3  10  ASUR  NG. Cole at which control in the	NFOR  H ESTEL ESTEL TWA  NA NF  NA 3  NA NA NF  ES  Intact the h the mate in the eyels, occasion taminate wear glove.	RMAT  EXPO NOHSC  ppm ES- STEL  NF  NF  NF  NF  NF  Led clothies. Conf	ES-PEAK  NF  NF  NF  NF  NF  Remover and inue to	PEL NA 5 10 Connted al	NA N	IDLH  NA  15  10  NA  NA  nter o amour  bunts o sses if h cont t least	RESP RESP FRAC  r local emergent of the substant of lukewarm war present and eater aminated clothic services.
ROSIII PROF PROF PROF SYN'	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS THESIS REGULATORS) (ATORS	3. C  CAS No.  8050-09- 7 Skin Sens. 1 NA Chronic Aq. NA  NA  Ingestion:  Eyes:	RTECS No.  VL0480000 ; H317  NA  Tox. 4; H413  NA  If ingested, D number. Prov that was swal Splashes are for at least 30 to do. Seek n Wash with ple thoroughly wi medical attent reuse. Clean Remove victii	EINECS No.  232-475-7  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	## OF CHILL  IGREDI  %    25-50     1-10     1-10     1-10     1-10     1-10    **ID ME.**  CE VOMITITE of the time to fave t	DREN.  ENT I  ACGIII  ppm  TLV S  NA  3  10  ASUR  NG. Core at whice the core of the core	NFOR  H  ESTEL TWA  NA NF  NA 3  NA NA NF  ES  Intact the h the mat sin the eyels, occasion taminate vear glove is or symptim a position a position.	RMAT  EXPO NOHSC ppm ES- STEL  NF  NF  NF  NF  Ne unearest erial was yes, flus onally. I ed clothites. Contitoms, awaition communication commu	ES-PEAK  NF  NF  NF  NF  NF  NF  One of the with of the with of the wide of th	PEL NA 5 10 1 Conted at a copio e con shoe e or rins there e e for	NA	IDLH  NA  15  10  NA  Inter of amour  nunts of assess if h control t leasts to least the control to least the cont	RESP RESP FRAC  r local emergent of the substant present and eataminated clothing to the control of the substant present and eataminated clothing to the control of the substant to the substa
ROSIII PROF PROF PROF SYN'	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS THESIS REGULATORS) (ATORS	3. C  CAS No.  8050-09- 7 Skin Sens. 1 NA Chronic Aq. NA  NA  Ingestion:  Eyes: Skin:	RTECS No.  VL0480000; H317  NA  Tox. 4; H413  NA  If ingested, D number. Prov that was swal Splashes are for at least 30 to do. Seek n Wash with ple thoroughly wi medical attent reuse. Clean Remove victil breathing is	EINECS No.  232-475-7  NA  NA  NA  FIRST A  O NOT INDU vide an estimal llowed. not likely; hove minutes lifting medical attentianty of soap are the water before the water befor	## OF CHILL  IGREDI	DREN.  ENT I  ACGII  ppm TLV s  NA  3  10  ASUR  NG. Cole at whice duct gets lower lide emove coggit, or womplaints reuse. at rest if arrest of ar	NFOR  H  STEL ESTEL  NA NF  NA 3  NA 3  NA NF  ES  Intact the h the mat sin the eyels, occasion than the eyels or sympolin a positioccurs, procedure, proc	NF N	SURE LI  ES- PEAK  NF  NF  NF  NF  NF  NF  Original and dinue to coid further the coid furt	PEL NA 5 10 1 Conted all copio e conshoe e consther e for il res	NA	IDLH  NA  15  10  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	RESP RESP FRAC  r local emergent of the substant of lukewarm war present and ear aminated clothing to the companion of lukewarm was present and ear aminated clothing to the companion of lukewarm was present and ear aminated clothing to the companion of lukewarm was present and ear aminated clothing to the companion of lukewarm was present and ear aminated clothing to the companion of lukewarm was present and the companion of lukewarm was present
ROSIII PROF PROF PROF PROF SYNT	PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS PRIETARY INGREDIENTS THESIS REGULATORS) (ATORS	3. C  CAS No.  8050-09- 7 Skin Sens. 1 NA Chronic Aq. NA  NA  Ingestion:  Eyes: Skin:	PRIECS No.  VL0480000 ; H317  NA  Tox. 4; H413  NA  If ingested, D number. Prov that was swal Splashes are for at least 30 to do. Seek n Wash with ple thoroughly wi medical attent reuse. Clean Remove victii breathing is personnel. It	EINECS No.  232-475-7  NA  NA  NA  PIRST A  O NOT INDU vide an estimal llowed. not likely; hove minutes lifting medical attenti enty of soap ar ith water befor tion. In the every shoes thoroug m to fresh ai irregular or if may be dang	25-50  1-10  1-10  1-10  Individual and the state of the time of the time on the time on the state of the time on the state of the stat	DREN.  ENT I  ACGIII Ppm TLV s  NA  3  10  ASUR  NG. Core at whice duct gets lower lide emove co griph in the reuse. at rest if a rerest in person	NFOR  H  STEL ES- TWA  NA NF  NA 3  NA NF  ES  Intact the h the mat sin the eyels, occasion taminate very growing a positio occurs, per n providii	NF N	SURE LI  ES- PEAK  NF  NF  NF  NF  NF  NF  Original and in the total and in the total artificial ar	PEL NA 5 10 1 Con ited all copio e con shoe e for it res mou	NA	IDLH  NA  15  10  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	RESP RESP FRAC  r local emergent of the substant present and eataminated clothing to the clothing before t



Page 2 of 6 SDS-E-RSF-R39

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU & GHS Standards

SDS Revision: 4.1

SDS Revision Date: 4/25/2022

1 100	4104 10 001 17 1, 7 100, 7 11 1	or, more, mano, to a orio diamando						
		4. FIRST AID MEASURES - cont'd						
4.2	Effects of Exposure:	Ingestion: If product is swallowed, may cause nausea, vomiting and/or diarrhea.						
	·	Eyes: Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation, an watering.						
		Skin: May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) is some sensitive individuals.						
		Inhalation: None expected.						
4.3	Symptoms of Overexposure:	Ingestion: Nausea, intestinal discomfort, vomiting and/or diarrhea.						
		Eyes: Overexposure in eyes may cause redness, itching and watering.						
		Skin: Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Frostbite lik symptoms. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some individual						
4.4	Acute Health Effects:	Non-irritating when used as directed. Moderate irritation to eyes and skin near affected areas. Additionally, hig concentrations of vapors can cause drowsiness, dizziness, headaches, and nausea.						
4.5	Chronic Health Effects:	Non-irritating when used as directed. Overexposure may trigger asthma-like symptoms in some sensitive individuals. Ma also induce skin sensitization and respiratory hypersensitivity. Possible allergic dermatitis.						
4.6	Target Organs:  Medical Conditions	Eyes, Skin.  Pre-existing dermatitis, other skin conditions, and disorders of the HEALTH 2						
4.7	Aggravated by Exposure:	towart aware (avec alsin and respiratory avetage)						
		target organs (eyes, skin, and respiratory system).  FLAMMABILITY  PHYSICAL HAZARDS  0						
		PROTECTIVE EQUIPMENT G						
		EYES SKIN LUNGS						
		LIES SKIN LUNGS						
		5. FIREFIGHTING MEASURES						
5.1	Fire & Explosion Hazards:	This product is not flammable. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO <sub>2</sub> ).						
5.2	Extinguishing Methods:  Firefighting Procedures:	Water, Foam, CO <sub>2</sub> , Dry Chemical, Halon (if permitted). Use extinguishing agents for surrounding fire.  Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained						
		after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or						
		decomposition products and oxygen deficiencies.  6. ACCIDENTAL RELEASE MEASURES						
6.1	Spills:	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protectiv						
		Equipment. Plastic or rubber gloves, respirator, eye protection and apron may be required for clean-up of large spills.  Small Spills: Wear appropriate protective equipment including gloves and protective eyewear. Use a non-combustibl material such as vermiculite or sand to soak up the product and place into a container for later disposal. Do not use water or a material such as "speedy dry" to soak up material. Sweep up material using non-sparking materials (e.g., plastic brooms, shovels, dustpans) and place into a plastic container or plastic liner within another container.  Large Spills: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent enting into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed a follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite of distomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed wast disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.						
		7. HANDLING & STORAGE INFORMATION						
7.1	Work & Hygiene Practices:	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapors or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing						
7.2	Storage & Handling:	and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.  Store between the following temperatures: 5 to 40°C (41 to 104°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.						
7.3	Special Precautions:	Clean all spills promptly. Spilled material may present a slipping hazard.						
L								



Page 3 of 6 SDS-E-RSF-R39

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU & GHS Standards

SDS Revision: 4.1

SDS Revision Date: 4/25/2022

Prep	ared to OSHA, ACC, ANS	SI, WHSR, WHMIS, EU & GHS Standa	ras			2D2 K6	evision: 4	. 1	อบอ	Revision	Date: 4/25/2022
		9 EVENSUE CONTR	01.6	o DE	BSO	NIAI	DDO:	TECT	ION		
0.1	le in a	8. EXPOSURE CONTRO			K50		PRU	IECI			OTHER.
8.1	Exposure Limits: ppm (mg/m³)		AC	GIH	ES-	NOHSC ES-	ES-		OSHA		OTHER
		CHEMICAL NAME(S)	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH	05110171755
		ROSIN PROPRIETARY INGREDIENTS	NA 3	NA NA	NF 3	NF NF	NF NF	NA 5	NA NA	NA 15	SENSITIZER RESP
		PROPRIETARY INGREDIENTS  PROPRIETARY INGREDIENTS	3	NA NA	3	NF	NF	5	NA	15	RESP
		PROPRIETARY INGREDIENTS		107	J			Ŭ	10.		TREGI
		(SYNTHESIS REGULATORS) - ACTIVATORS	10	NA	NF	NF	NF	10	NA	NA	RESP FRAC
8.2	Ventilation & Engineering Controls:	If this product contains ingredients wi required to determine the effectivenes protective equipment. Reference sho • European Standard EN 689 (Wor chemical agents for comparison w	ss of th uld be rkplace	e ventila made to atmosp	tion or o moniton heres -	other co ring star Guidar	ntrol me ndards, s nce for t	asures a such as he asse	and/or the the follo	ne neces wing:	ssity to use respiratory
		European Standard EN 14042 (V	Vorkpla	ice atmo	sphere	s - Guid			cation a	nd use	of procedures for the
		assessment of exposure to chemic		U	_	,	oguirom	onto for	the porf	ormono	a of procedures for the
		European Standard EN 482 (Work measurement of chemical agents hazardous substances will also be	) Refer	rence to							
8.3	Respiratory Protection:				tvpical	circum	stances	of use	or hand	dlina. Ir	ı
		No special respiratory protection is required under typical circumstances of use or handling. In instances where dusts of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or									
8.4	Eye Protection:	Australia.  Safety eyewear complying with an	annrovi	ed stand	dard sh	ould be	used w	hen a r	iek ace	essmen	+
0		indicates this is necessary to avoid e possible, the following protection sho of protection: safety glasses with side	xposur uld be	e to liqu worn, ur	id splas	hes, mi	sts, gas	es or du	ists. If c	ontact is	
8.5	Hand Protection:	Chemical-resistant, impervious glove			ith an a	pproved	standa	rd shoul	d be w	orn at a	1
		times when handling chemical produc									
		the parameters specified by the glo									
		retaining their protective properties. material may be different for differer									
		several substances, the protection tin								sisting 0	'
8.6	Body Protection:	Personal protective equipment for the and the risks involved and should be	e body	should l	be selec	ted bas	ed on th	ne task l	being pe	erformed	t
		9. PHYSICAL &							, oudot.		1
9.1	Annogranos		СПЕ		AL PI	KUPE	KIIE	.o			
9.1	Appearance: Odor:	Amber liquid (paste)									
9.2	Odor: Odor Threshold:	Solvent-like odor									
9.4	pH:	NA NA									
9.5	Melting Point/Freezing Point:	NA 10 °C (50 °F)									
9.6	Initial Boiling Point/Boiling										
	Range:	NA									
9.7	Flashpoint:	127.22 °C (261 °F) CC									
9.8	Upper/Lower Flammability Limits:	NA									
9.9	Vapor Pressure:	NA									
9.10	Vapor Density:	NA									
9.11	Relative Density:	NA NA									
9.12	Solubility:	Very slightly soluble in the following	materia	als: cold	water.						
9.13	Partition Coefficient (log Pow):	NA									
9.14	Autoignition Temperature:	NA									
9.15	Decomposition Temperature:	NA NA									
9.16	Viscosity: Other Information:	NA VOC: 3.69/ why 2.569 c/l									
J. 17	Carol Information.	VOC: 3.6% w/w; 2.568 g/L									
		10. STABI									
10.1	Stability:	Stable under normal conditions; unst	able wi	th heat o	or conta	minatio	า.				
10.2	Hazardous Decomposition Products: Hazardous Polymerization:	Under normal conditions of storage a			ous dec	omposi	tion prod	ducts sh	ould no	t be pro	duced.
10.3	Conditions to Avoid:	Will not occur under normal condition			nooc c	ad di== -	t ours!!=!	.+			
10.4	Incompatible Substances:	Open flames, sparks, high heat, inco							ond -	lkalia	
		Avoid extreme heat and ignition sour	UCS. OI	ore awa	y II OIII C	nuizii ig	materia	is, acids	o, anu a	ınalıs.	

Page 4 of 6

SDS-E-RSF-R39 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 3.1 SDS Revision Date: 4/25/2022 11. TOXICOLOGICAL INFORMATION Routes of Entry: Absorption: YES Ingestion: YES 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product 11.3 Acute Toxicity: Moderate irritation to eyes and skin near affected areas. 11.4 Chronic Toxicity This material may aggravate any pre-existing skin condition (e.g., dermatitis). Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. 11.5 Suspected Carcinogen: This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to www.P65Warnings.ca.gov 11.6 Reproductive Toxicity: This product is not reported to produce reproductive toxicity in humans Mutagenicity: This product is not reported to produce mutagenic effects in humans. Embryotoxicity: This product is not reported to produce embryotoxic effects in humans Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Irritancy of Product: The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure. 11.7 11.8 Biological Exposure Indices: ΝE Physician Recommendations: 11.9 Treat symptomatically 12. ECOLOGICAL INFORMATION Environmental Stability 12 1 There is no specific data available for this product. Effects on Plants & Animals: 12.2 There are no specific data available for this product. 12.3 Effects on Aquatic Life: There are no specific data available for this product. 13. DISPOSAL CONSIDERATIONS Waste Disposal: Products covered by this SDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Dispose of in accordance with federal, state and local regulations. 13.2 Special Considerations: The user of this material has the responsibility to dispose of unused material, residues, and containers in compliance with all relevant local, state, federal and provincial regulations. 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 49 CFR (GND): **NOT REGULATED** IATA (AIR): 14.2 **NOT REGULATED** IMDG (OCN): 14.3 NOT REGULATED TDGR (Canadian GND): 14.4 NOT REGULATED 14.5 ADR/RID (EU): NOT REGULATED SCT (MEXICO) 14.6 NOT REGULATED 14.7 ADGR (AUS): NOT REGULATED REGULATORY INFORMATION 15.1 SARA Reporting This product contains Proprietary Regulators (Synthesis Regulators) - Activators (Glycol Ether), a substance subject to Requirements: SARA Title III, section 313 reporting requirements. SARA Threshold Planning 15.2 There are no specific Threshold Planning Quantities for the components of this product. Quantity: 15.3 TSCA Inventory Status: The components of this product are listed on the TSCA Inventory. 15.4 CERCLA Reportable Quantity

> This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR. The components of this product are listed on the DSL/NDSL.

WHMIS Classification: D2B (Other Toxic Effects). All components are listed or exempted.

NA

NA

15.5

15.6

Other Federal Requirements:

Other Canadian Regulations:



Page 5 of 6

SDS-E-RSF-R39

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 3.1 SDS Revision Date: 4/25/2022 15. REGULATORY INFORMATION – cont'd State Regulatory Information: No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to www.P65Warnings.ca.gov Other Requirements: This product is found on the following inventory lists: Australia - AICS, China - IECSC, Europe - ELINCS/EINEC, Japan -ENCS; Korea - KECI; New Zealand - NZIoC; {Philippines - PICCS; USA - TSCA 16. OTHER INFORMATION Other Information WARNING! MAY CAUSE AN ALLERGIC SKIN REACTION. MAY CAUSE LONG LASTIN HARMFUL EFFECTS TO AQUATIC LIFE. Avoid breathing dust. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs get medical advice/attention. Specific treatments see this container label. Take off contaminated clothing and was it before reuse. If eye irritation persists: Get medical advice/attention. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN. 16.2 Terms & Definitions: See last page of this Safety Data Sheet. 16.3 Disclaimer This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & CAIG Laboratories, Inc.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition. Prepared for: CAIG Laboratories, Inc. 12200 Thatcher Court Poway, CA 92064-6876 Tel: +1 (800) CAIG-123 (244-4123) Fax: +1 (858) 486-8398 http://www.caig.com/ 16.5 Prepared by: ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600

> Fax: +1 (310) 370-5700 http://www.shipmate.com

Page 6 of 6

SDS-E-RSF-R39

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 3.1

SDS Revision Date: 4/25/2022

#### **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

#### **GENERAL INFORMATION:**

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

#### **EXPOSURE LIMITS IN AIR:**

ACGIH	American Conference on Governmental Industrial Hygienists
IDLH	Immediately Dangerous to Life and Health
NOHSC	National Occupational Health and Safety Commission (Australia)
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

#### FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

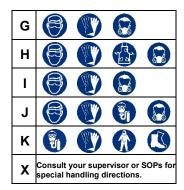
#### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard



#### PERSONAL PROTECTION RATINGS:

Α			
В			
С			
D			
Е			
F		TT.	





#### OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic			
Irrit	Irritant			
NA	Not Available			
NR	No Results			
ND	Not Determined			
NE	Not Established			
NF	Not Found			
SCBA	Self-Contained Breathing Apparatus			
Sens	Sensitization			
STOT RE	Specific Target Organ Toxicity – Repeat Exposure			
STOT SE	Specific Target Organ Toxicity – Single Exposure			

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:					
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition				
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source				
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source				

#### **HAZARD RATINGS:**

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	\
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ <b>\ \ \ \</b>
₩	Use No Water	HEALTH 💮
OX	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD <sub>Io</sub>	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD <sub>io</sub> , LD <sub>io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TCo, LCio, & LCo	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

#### REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System				
DOT	U.S. Department of Transportation				
TC	Transport Canada				
EPA	U.S. Environmental Protection Agency				
DSL	Canadian Domestic Substance List				
NDSL	Canadian Non-Domestic Substance List				
PSL	Canadian Priority Substances List				
TSCA	U.S. Toxic Substance Control Act				
EU	European Union (European Union Directive 67/548/EEC)				
WGK	Wassergefährdungsklassen (German Water Hazard Class)				

#### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	<b>(A)</b>	<b>③</b>	(X)	$\odot$	(4)		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

#### CLP/GHS (1272/2008/EC) PICTOGRAMS:

	<b>③</b>		$\Diamond$			$\Diamond$		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment