

Page 1 of 6 **BC-039** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 11/29/2018

		1	PRODUC	T 9 COM	DANV	IDE	NITIE		TIO	NI .				
1.1	Product Name:	1									ANIE	DEI	\ I	
			DE RUST	PREVEN	IIVE I	AKE	-ALC	JNG	WIF	'ES /	ANL	) PEI	<u> </u>	
1.2	Chemical Name:	NA												
1.3	Synonyms:	33025, 33170,												
1.4	Trade Names:		t Preventive Ta	ke-Along Wipe	es and Per	n								
1.5	Product Use:	Rust Preventa												
1.6	Distributor's Name:	Birchwood Cas	•	MAN 5540	7.1.0.4									
1.7	Distributor's Address: Emergency Phone:		Drive, New Hor				<b>D</b>		1	<b>0</b>		(000)	004 7	450
	<u> </u>		1 (800) 424-9	9300 / +1 (70	3) 527-38	887 or	Poise	on Co	ntroi	Cente	er +1	(866)	291-7	152
1.9	Business Phone / Fax:	+1 (952) 388-6	5/1/											
			2. H/	AZARDS	IDENT	IFIC	ATIC	ON						
2.1	Hazard Identification:  Label Elements:	criteria of NO DANGER! M LIQUID AND Classification	HSC: 1088 (20	04) and ADG ( IL IF SWALL( 'CAUSE AN A Flam. Liq. 3, C	Code (Aus DWED AN ALLERGIO arc. 1A, S	stralia). ND EN C SKIN kin Ser	TERS REAC	AIRW CTION. Eye Ir	AYS. CAU rit. 2B	MAY SES E	CAUS YE IR	SE CA	NCER ION.	the classification
		handle until a hot surfaces, tightly closed clothing shou after handling SWALLOWE P303+P361+ skin with war	y Statements ( all safety precau sparks, open fl b. P261 - Av ld not be allowe g. P280 - Wea D: Immediately P353 - IF ON ter [or shower]	utions have be ames and other roid breathing ed out of the war protective g r call a POISO SKIN (or hair)	en read and en ignition of fume/missionkplace. Noves/ eyes on CENTE of the Take off the transfer of transfer of the transfer of transf	nd und source st/vapor P264 e protec ER/doc immed IF IN	erstoo s. No rs/spra – Was ction/ f tor. P diately EYES:	d. P2'smoking. P2'sh thore ace pr2331 – all cores	10 – K ng. P2 272 – oughly otectic Do N ntamina e cauti	eep av 233 – k Conta with son. P3 OT inconted cl ously	vay from the comment of the comment	om heacontain led wo nd wate 310 – vomitin g. Rins water f	at, er rk er IF g. se or	
		<ul> <li>If eye irritated of the eye irritated</li></ul>	tes. Remove contion persists: Goadvice/ attention. P403+P235	et medical ad n. P370+P378 – Store in a	vice/attent 3 – In case well-ventil	tion. P e of fire lated p	2308+F : Use \ lace.	P313 – Water, Keep	IF explored in the second in t	oosed, CO <sub>2</sub> ,	or co	ncerne Chemic	d: al	
		If eye irritary     Get medical are to extinguish contents/contents.	tion persists: G advice/ attention . P403+P235 tainer through li	Set medical ad n. P370+P378 - Store in a censed treatm	vice/attent 3 – In case well-ventil	tion. P e of fire lated p	2308+F : Use \ lace.	P313 – Water, Keep	IF explored in the second in t	oosed, CO <sub>2</sub> ,	or co	ncerne Chemic	d: al	
2.3	Other Warnings:	If eye irritary     Get medical are to extinguish contents/contents.	tion persists: G advice/ attention . P403+P235	Set medical ad n. P370+P378 - Store in a censed treatm	vice/attent 3 – In case well-ventil	tion. P e of fire lated p	2308+F : Use \ lace.	P313 – Water, Keep	IF explored in the second in t	oosed, CO <sub>2</sub> ,	or co	ncerne Chemic	d: al	<u>~</u>
2.3	Other Warnings:	If eye irrita     Get medical a     to extinguish     contents/cont     KEEP OUT C	tion persists: Gadvice/ attention . P403+P235 tainer through lip DF REACH OF	tet medical adn. P370+P378  - Store in a censed treatm  CHILDREN.	vice/attent B – In case well-ventil ent, storag	tion. Pe of fire lated p	2308+F :: Use \ lace. isposa	P313 – Water, Keep I facility	IF expression expressi	oosed , CO <sub>2</sub> , P501	or co	ncerne Chemic	d: al	<u>~</u>
2.3	Other Warnings:	If eye irrita     Get medical a     to extinguish     contents/cont     KEEP OUT C	tion persists: G advice/ attention . P403+P235 tainer through li	tet medical adn. P370+P378  - Store in a censed treatm  CHILDREN.	vice/attent B – In case well-ventil ent, storag	tion. Pe of fire lated p	2308+F :: Use \ lace. isposa	P313 – Water, Keep I facility	IF expression of the second of	posed , CO <sub>2</sub> , P501	or co Dry ( – Dis	ncerne Chemic spose	d: eal of	
2.3	Other Warnings:	If eye irrita     Get medical a     to extinguish     contents/cont     KEEP OUT C	tion persists: Gadvice/ attention . P403+P235 tainer through lip DF REACH OF	tet medical adn. P370+P378  - Store in a censed treatm  CHILDREN.	vice/attent B – In case well-ventil ent, storag	tion. Pe of fire lated pge or di	2308+F e: Use V lace. isposa	P313 – Water, Keep I facility	IF export from the following states of the following s	P501	or co Dry ( – Dis	ncerne Chemic spose	d: eal of g/m³)	
2.3	Other Warnings:	If eye irrita     Get medical a     to extinguish     contents/cont     KEEP OUT C	tion persists: Gadvice/ attention . P403+P235 tainer through lip DF REACH OF	tet medical adn. P370+P378  - Store in a censed treatm  CHILDREN.	vice/attent B – In case well-ventil ent, storag	tion. Pe of fire lated pge or di	P308+F ISE VISE VI ISE VISE VI ISPOSA	P313 – Water, Keep I facility	Foam cool. y.  MAT  EXPO	P501	or co Dry ( – Dis	ncerne Chemic spose N AIR (m OSHA	d: eal of g/m³)	
2.3	Other Warnings:	If eye irrita     Get medical a     to extinguish     contents/cont     KEEP OUT C	tion persists: Gadvice/ attention . P403+P235 tainer through lip DF REACH OF	tet medical adn. P370+P378  - Store in a censed treatm  CHILDREN.	vice/attent B – In case well-ventil ent, storag	tion. Pe of fire lated pge or di	2308+F e: Use V lace. isposa	P313 – Water, Keep I facility	IF export from the following states of the following s	P501	or co Dry ( – Dis	ncerne Chemic spose	d: eal of g/m³)	
	Other Warnings:	- If eye irritar Get medical ato extinguish contents/cont KEEP OUT C	tion persists: Gadvice/ attention. P403+P235 tainer through lip of REACH OF OMPOSIT	set medical ad n. P370+P378 - Store in a censed treatm CHILDREN.	vice/attent B – In case well-ventil ent, stora  GREDI	ENT  AC  PE  TLV	2308+Fe: Use Value lace. isposa	P313 – Water, Keep I facility	F ex Foam cool. y.  MAT  EXPO NOHSC ppm ES- STEL	P501  ION  SURE L  ES- PEAK	Or CO Dry (  — Dis	N AIR (m OSHA ppm	d: cal of g/m³)	OTHER
CHEMI	ICAL NAME(S)	- If eye irritar Get medical ato extinguish contents/cont KEEP OUT C  3. CC  CAS No. 64742-47-8	tion persists: Gadvice/ attention. P403+P235 tainer through lip of REACH OF OMPOSIT	set medical ad n. P370+P378 - Store in a censed treatm CHILDREN.	vice/attent B - In case well-ventil ent, storac	tion. Pe of fire lated pge or di	2308+Fe: Use \( \) lace. isposa	Vater, Keep I facility	Foam cool. y.  MAT  EXPO NOHSC ppm ES-	posed , CO <sub>2</sub> , P501	or co Dry ( – Dis	N AIR (m OSHA	d: :al of g/m³)	OTHER
CHEMI	ICAL NAME(S)	- If eye irritar Get medical a to extinguish contents/cont KEEP OUT C  3. Co  CAS No. 64742-47-8 Asp. Tox. 1; H	tion persists: Gadvice/ attention. P403+P235 tainer through lip of REACH OF  OMPOSIT  RTECS No.  OA5504000  304	iet medical ad n. P370+P378 - Store in a icensed treatm CHILDREN.	GREDI  % 55-70	ENT  AC  PR  TLV  NA	INF GIH DIM STEL NA	P313 – Water, Keep I facility  ORN  Estruction	F ex Foam cool. y.  MAT  EXPO NOHSC ppm ES- STEL NF	P501  ION  SURE L  ES- PEAK  NF	Or CO Dry ( — Dis	N AIR (m OSHA ppm STEL NA	d: cal of g/m³)	OTHER
CHEMI STOD HEAV	ICAL NAME(S) DDARD SOLVENT VY PETROLEUM GENATES,	- If eye irritar Get medical ato extinguish contents/cont KEEP OUT C  3. CC  CAS No. 64742-47-8	tion persists: Gadvice/ attention. P403+P235 tainer through lip of REACH OF OMPOSIT	set medical ad n. P370+P378 - Store in a censed treatm CHILDREN.	vice/attent B – In case well-ventil ent, stora  GREDI	ENT  AC  PE  TLV	2308+Fe: Use Value lace. isposa	P313 – Water, Keep I facility	F ex Foam cool. y.  MAT  EXPO NOHSC ppm ES- STEL	P501  ION  SURE L  ES- PEAK	Or CO Dry (  — Dis	N AIR (m OSHA ppm	d: cal of g/m³)	OTHER
CHEMI STOD HEAW OXYG BARIL	ICAL NAME(S) DDARD SOLVENT VY PETROLEUM	- If eye irritar Get medical a to extinguish contents/cont KEEP OUT C  3. Co  CAS No. 64742-47-8 Asp. Tox. 1; H	tion persists: Gadvice/ attention. P403+P235 tainer through lip of REACH OF  OMPOSIT  RTECS No.  OA5504000  304	iet medical ad n. P370+P378 - Store in a icensed treatm CHILDREN.	GREDI  % 55-70	ENT  AC  PR  TLV  NA	INF GIH DIM STEL NA	P313 – Water, Keep I facility  ORN  Estruction	F ex Foam cool. y.  MAT  EXPO NOHSC ppm ES- STEL NF	P501  ION  SURE L  ES- PEAK  NF	Or CO Dry ( — Dis	N AIR (m OSHA ppm STEL NA	d: cal of g/m³)	OTHER OIL MIST
STOD HEAV DXYG BARIU SEVE	ICAL NAME(S) DDARD SOLVENT TY PETROLEUM SENATES, JM NEUTRALIZED	- If eye irrital Get medical ato extinguish contents/cont	tion persists: Gadvice/ attention. P403+P235 tainer through lip of REACH OF  OMPOSIT  RTECS No. OA5504000 1304 NA	et medical ad n. P370+P378 - Store in a censed treatm CHILDREN. ION & INC EINECS No. 265-149-8	GREDI  % 55-70	ENT  AC  PR  TLV  NA	STEL NA	Water, Keep I facility	F ex Foam cool. y.  MAT  EXPO NOHSC ppm ES- STEL  NF	PSURE L  ES- PEAK  NF	PEL (5)	N AIR (m OSHA ppm STEL NA	d: eal of g/m³) IDLH NA	
STOD HEAV OXYG BARIU SEVE NAPH PROF	ICAL NAME(S) DOARD SOLVENT Y PETROLEUM SENATES, JM NEUTRALIZED IRELY HYDROTREATED ITHENIC PETROLEUM OIL PYLENE GLYCOL	- If eye irritar Get medical a to extinguish contents/cont  KEEP OUT C  3. C  CAS No. 64742-47-8 Asp. Tox. 1; H NA  64742-52-5 * Asp. Tox. 1; H 107-98-2	ition persists: Gadvice/ attention. P403+P235 stainer through lip of REACH OF  OMPOSIT  RTECS No. OA5504000  304 NA  NA  NA  UB7700000	et medical adn. P370+P378 - Store in a censed treatm CHILDREN.  ION & INC EINECS No. 265-149-8  NA 265-155-0	GREDI  % 55-70	ENT  AC  PR  TLV  NA	STEL NA	Water, Keep I facility	F ex Foam cool. y.  MAT  EXPO NOHSC ppm ES- STEL  NF	PSURE L  ES- PEAK  NF	PEL (5)	N AIR (m OSHA ppm STEL NA	d: eal of g/m³) IDLH NA	
STOD HEAV OXYG BARIU SEVE NAPH PROF MONG	ICAL NAME(S) DDARD SOLVENT  Y PETROLEUM SENATES, JM NEUTRALIZED FRELY HYDROTREATED HTHENIC PETROLEUM OIL PYLENE GLYCOL DMETHYL ETHER	- If eye irritar Get medical a to extinguish contents/cont KEEP OUT C  3. Co  CAS No. 64742-47-8 Asp. Tox. 1; H NA  64742-52-5 Asp. Tox. 1; H 107-98-2 Flam. Liq. 3; S	tion persists: Gadvice/ attention. P403+P235 tainer through lip of REACH OF  OMPOSIT  RTECS No. OA5504000 304 NA  NA  NA  UB7700000 STOT SE 3; H226	et medical adn. P370+P378 - Store in a censed treatm CHILDREN.  ION & INC EINECS No. 265-149-8  NA 265-155-0	GREDI  S-70  S-20	ENT  AC  PR  TLV  NA  (5)	INF  GIH  STEL  NA  (10)	P313 – Water, Keep I facility  FORM  ES-TWA  NF  (5)	IF exponded from the state of t	P501  ION SURE L  ES-PEAK NF  NF	Or CO Dry (  — Dis  PEL (5) (5)	N AIR (m OSHA ppm STEL NA	d: eal of	
CHEMI STOD HEAV OXYG BARIU SEVE NAPH PROF MONG	ICAL NAME(S) DOARD SOLVENT Y PETROLEUM SENATES, JM NEUTRALIZED IRELY HYDROTREATED ITHENIC PETROLEUM OIL PYLENE GLYCOL	- If eye irritar Get medical a to extinguish contents/cont KEEP OUT C  3. Co  CAS No. 64742-47-8 Asp. Tox. 1; H NA  64742-52-5 Asp. Tox. 1; H 107-98-2 Flam. Liq. 3; S	tion persists: Gadvice/ attention. P403+P235 tainer through lip of REACH OF  OMPOSIT  RTECS No. OA5504000 304 NA  NA  NA  UB7700000 STOT SE 3; H226	et medical adn. P370+P378 - Store in a censed treatm CHILDREN.  ION & INC EINECS No. 265-149-8  NA 265-155-0	GREDI  S-70  S-20	ENT  AC  PR  TLV  NA  (5)	INF  GIH  STEL  NA  (10)	P313 – Water, Keep I facility  FORM  ES-TWA  NF  (5)	IF exponded from the state of t	P501  ION SURE L  ES-PEAK NF  NF	Or CO Dry (  — Dis  PEL (5) (5)	N AIR (m OSHA ppm STEL NA	d: eal of	
CHEMI STOD HEAV OXYG BARIU SEVE NAPH PROF MONG	ICAL NAME(S) DDARD SOLVENT  Y PETROLEUM SENATES, JM NEUTRALIZED FRELY HYDROTREATED HTHENIC PETROLEUM OIL PYLENE GLYCOL DMETHYL ETHER	- If eye irritar Get medical a to extinguish contents/cont KEEP OUT C  3. Co  CAS No. 64742-47-8 Asp. Tox. 1; H NA  64742-52-5 Asp. Tox. 1; H 107-98-2 Flam. Liq. 3; S	ition persists: Gadvice/ attention. P403+P235 stainer through lip of REACH OF  OMPOSIT  RTECS No. OA5504000 304 NA  NA  NA  STOT SE 3; H226 3	et medical ad n. P370+P378 - Store in a icensed treatm CHILDREN.  ION & INC EINECS No. 265-149-8  NA  265-155-0  203-539-1 H336	sce/attents – In case well-ventil ent, storage SREDI 55-70 15-30 5-20	ENT  AC  PR  TLV  NA  (5)	P308+F Use Value. Ilace. Isposa INF GIH DIM STEL NA NA (10)	P313 – Water, Keep I facility  CORN  ES-TWA  NF  (5)	IF exponded from the state of t	P501  ION SURE L  ES-PEAK NF  NF	Or CO Dry (  — Dis  PEL (5) (5)	N AIR (m OSHA ppm STEL NA	d: eal of	
CHEMI STOD HEAV OXYG BARIU SEVE NAPH PROF MONG	ICAL NAME(S) DDARD SOLVENT  Y PETROLEUM SENATES, JM NEUTRALIZED FRELY HYDROTREATED HTHENIC PETROLEUM OIL PYLENE GLYCOL DMETHYL ETHER	- If eye irritar Get medical a to extinguish contents/cont KEEP OUT C  3. Co  CAS No. 64742-47-8 Asp. Tox. 1; H NA  64742-52-5 Asp. Tox. 1; H 107-98-2 Flam. Liq. 3; S	ition persists: Gadvice/ attention. P403+P235 stainer through lip of REACH OF  OMPOSIT  RTECS No. OA5504000 304 NA  NA  NA  STOT SE 3; H226 3	et medical adn. P370+P378 - Store in a censed treatm CHILDREN.  ION & INC EINECS No. 265-149-8  NA 265-155-0	sce/attents – In case well-ventil ent, storage SREDI 55-70 15-30 5-20	ENT  AC  PR  TLV  NA  (5)	P308+F Use Value. Ilace. Isposa INF GIH DIM STEL NA NA (10)	P313 – Water, Keep I facility  CORN  ES-TWA  NF  (5)	IF exponded from the state of t	P501  ION SURE L  ES-PEAK NF  NF	Or CO Dry (  — Dis  PEL (5) (5)	N AIR (m OSHA ppm STEL NA	d: eal of	
STOD HEAV OXYG BARIU SEVE NAPH PROF MONG	ICAL NAME(S) DDARD SOLVENT  Y PETROLEUM SENATES, JM NEUTRALIZED FRELY HYDROTREATED HTHENIC PETROLEUM OIL PYLENE GLYCOL DMETHYL ETHER	- If eye irritar Get medical a to extinguish contents/cont KEEP OUT C  3. Co  CAS No. 64742-47-8 Asp. Tox. 1; H NA  64742-52-5 Asp. Tox. 1; H 107-98-2 Flam. Liq. 3; S	ition persists: Gadvice/ attention. P403+P235 stainer through lip of REACH OF  OMPOSIT  RTECS No. OA5504000  304 NA  NA  NA  STOT SE 3; H226  DO NOT INDIC Control Cente	et medical ad n. P370+P378 - Store in a icensed treatm CHILDREN.  ION & INC EINECS No. 265-149-8  NA  265-155-0  203-539-1 H336  FIRST AI UCE VOMITIN er or local emetion. If vomitin	SREDI  Solution of the state of	IENT  AC  PR  TLV  NA  (5)  100  ASUI  act Poiselephon	P308+F P308+F P308+F P308+F P308 P308+F P308 P308 P308 P308 P308 P308 P308 P308	P313 – Water, Keep I facility  CORN  ES-TWA NF  (5)  100	IF export from the state of the	PSURE L  SURE L  PEAK  NF  NA  NF  +1 (86 stance	PEL (5) (5) (5) (66) 29 and	N AIR (m OSHA ppm STEL NA NA NA	d: eal of	OIL MIST  e nearest Poisor Seek immediate
CHEMI STOD HEAV OXYG BARIL SEVE NAPH PROF MONG * < 3	ICAL NAME(S) DDARD SOLVENT YY PETROLEUM SENATES, JM NEUTRALIZED RELY HYDROTREATED ITHENIC PETROLEUM OIL DYLENE GLYCOL DMETHYL ETHER % DIMETHYL SULFOXIDE	- If eye irritar Get medical ato extinguish contents/cont <b>KEEP OUT C 3. C CAS No.</b> 64742-47-8  Asp. Tox. 1; H  NA  64742-52-5  * Asp. Tox. 1; H  107-98-2  Flam. Liq. 3; S  (DMSO) per IP346	ition persists: Gadvice/ attention. P403+P235 itainer through lip of REACH OF  OMPOSIT  RTECS No. OA5504000 304 NA  NA  UB7700000 STOT SE 3; H226 3  DO NOT INDICONTOI Center medical attent risk of aspiration of the control of the c	iet medical ad n. P370+P378 - Store in a icensed treatm CHILDREN.  ION & INC  EINECS No.  265-149-8  NA  265-155-0  203-539-1  H336  FIRST AI  UCE VOMITIN ier or local emetion. If vomiting on. is in the eyes,	SREDI  STATE OF THE PROPERTY O	IENT  AC  PR  TLV  NA  NA  (5)  100  ASUI  act Poiselephona sponta is thoroplete flu	RES  RICH  RES  RICH  RES  RES  RICH  RES  RES  RES  RES  RES  RES  RES  RE	P313 – Water, Keep I facility  CORN  ES-TWA NF  NF  (5)  100  ontrol (ober folly, keep I face)  With could the could be th	IF exports from the cool.  IF exports from the c	PEST NF NA NF	PEL (5) (5) (5) and lad lo onts of	N AIR (m OSHA PPM STEL NA NA 150	d: eal of	
CHEMINO STORE STORE SEVENAPH PROFUNCTION SEVENAPH MONO.	ICAL NAME(S) DDARD SOLVENT YY PETROLEUM SENATES, JM NEUTRALIZED RELY HYDROTREATED ITHENIC PETROLEUM OIL DYLENE GLYCOL DMETHYL ETHER % DIMETHYL SULFOXIDE	- If eye irritar Get medical ato extinguish contents/cont  KEEP OUT C  3. Co  CAS No. 64742-47-8 Asp. Tox. 1; H NA  64742-52-5 * Asp. Tox. 1; H 107-98-2 Flam. Liq. 3; S (DMSO) per IP346  Ingestion:	ition persists: Gadvice/ attention. P403+P235 itainer through lip of REACH OF  OMPOSIT  RTECS No. OA5504000 304 NA  NA  NA  OA5504000 304 NA  DO NOT INDICONTOI Center medical attent risk of aspiration of the control of the control center wholding eyelidiuse, consult a Remove contains and control center contains of aspiration of the control center cen	EINECS No.    265-149-8     NA     265-155-0     203-539-1     H336     H336     H336     H336     Company of the eyes, (s) open to ensphysician or earning the extraction of	SREDI  % 55-70  15-30  1-5  ID MEA IG. Contaering occurs  flush eyes sure comp mergency ng and wa	IENT  AC  PR  TLV  NA  NA  (5)  100  ASUI  act Poiselephona sponta is thoroublete fluir room i ash affer	RES con current with the control of	P313 – Water, Keep I facility  FORM  SESTIVA  NF  (5)  100  Ontrol (n)  ontrol (n)  ly, kee  with collif the  iately.  areas w	IF exports for assistence of the content of the con	PSURE L  ES-PEAK NF NA NF NA NF amour or face ap and	PEL (5) (5) (5) and lo onts of become	N AIR (m OSHA PPM STEL NA NA 150 150 160 17152 161 1750 Water Water me sw	d: cal of land land land land land land land land	e nearest Poisor Seek immediate rd) to reduce the



Page 2 of 6 **BC-039** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 11/29/2018

	I = "	4. FIRST AID MEASURES – cont'				
4.2	Effects of Exposure:	Ingestion: If product is swallowed, may cause nausea, temporary go Moderately irritating to the eyes. Symptoms of overexp watering.  Skin: May be irritating to skin. The product can cause allergi	oosure may	include redi	ness, itching, ir	ritation and
		some sensitive individuals.  Inhalation: None expected.				
4.3	Symptoms of Overexposure:	Symptoms of skin overexposure may include redness, itching, and irrita cause redness, itching and watering. The product can cause allergic sprolonged or repeated exposure.	ation of affe skin reaction	cted areas. ns (e.g., rash	Overexposure ines, welts, derm	n eyes ma natitis) upo
4.4	Acute Health Effects:	Moderate irritation to eyes and skin near affected areas. Additio drowsiness, dizziness, headaches and nausea.	nally, high	concentration	ons of vapors	can caus
4.5	Chronic Health Effects:	The material may accentuate any pre-existing dermatitis condition.				
4.6	Target Organs:	Eyes, Skin, Respiratory System				
4.7	Medical Conditions Aggravated by Exposure:	Persons with pre-existing skin disorders, eye problems, or impaired	HEALTH			3
	riggiavated by Exposure.	kidney function may be more susceptible to the effects of the substance.	FLAMMA	ABILITY		2
		Substance.	PHYSIC	AL HAZAR	DS	0
				TIVE EQU		В
		+	EYES	SKIN	1012141	
			EIES	SKIN		
		5. FIREFIGHTING MEASURES				
5.1	Fire & Explosion Hazards:	This material can burn but will not readily ignite. This material will rabove the flash point temperature that can ignite when exposed to a se spaces, heated vapor can ignite with explosive force. Mists or sprays below the flash point. Carbon dioxide, carbon monoxide, smoke, furrand trace oxides of sulfur, phosphorus, zinc and nitrogen. Also, dependent of the concentrations of hydrogen sulfide can be released.	ource of ign s may burn nes, unburn	nition. In enclo n at temperati ned hydrocarl	losed tures bons	
5.2	Extinguishing Methods:	Dry Chemical, Foam, Carbon Dioxide, and Water Fog.				2
		any fire, wear MSHA/NIOSH approved self-contained breathing appara	atus (press		and	0
		any fire, wear MSHA/NIOSH approved self-contained breathing appar- full protective gear. Keep containers cool until well after the fire is o fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid storage containers because of danger of boil-over. Prevent runoff from entering sewers, drains, drinking water supply, or any natural waterwater bunker gear including NIOSH-approved positive pressure self-contain protect against potential hazardous combustion or decompositive deficiencies.	atus (pressout. Use want of spraying want of spraying want of spraying want of spraying the spraying of spraying o	ure-demand) ater spray to water directly ol or dilution ters must us ing apparatu	) and cool y into from se full us to	0
		full protective gear. Keep containers cool until well after the fire is of fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid storage containers because of danger of boil-over. Prevent runoff from entering sewers, drains, drinking water supply, or any natural waterwas bunker gear including NIOSH-approved positive pressure self-contain protect against potential hazardous combustion or decomposition.	atus (press but. Use wa d spraying v m fire control ay. Firefigh- ined breath ion produc	ure-demand) ater spray to water directly ol or dilution ters must us ing apparatu	) and cool y into from se full us to	
6.1	Spills:	full protective gear. Keep containers cool until well after the fire is of fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid storage containers because of danger of boil-over. Prevent runoff from entering sewers, drains, drinking water supply, or any natural waterwas bunker gear including NIOSH-approved positive pressure self-contain protect against potential hazardous combustion or decompositive deficiencies.	atus (pressibility and protection an	ure-demand) ater spray to water directly ol or dilution ters must us hing apparatu ets and ox  wear approposes and othe tive eyewear container for hway from sp resonnel out of p leak if with courses, bas d collect spill e in containe	priate Personal er protective close a non-clater disposal. Sill. Stay upwind farea. Wear sout risk. Move thements or conflage with non-cor for disposal a	othing (e.go ombustibled and awa appropriated container ined arease ombustible ccording t
6.1	Spills:	full protective gear. Keep containers cool until well after the fire is of fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid storage containers because of danger of boil-over. Prevent runoff from entering sewers, drains, drinking water supply, or any natural waterway bunker gear including NIOSH-approved positive pressure self-contain protect against potential hazardous combustion or decompositive deficiencies.  6. ACCIDENTAL RELEASE MEASUREMENTAL RELEASE MEA	atus (pressuut. Use wad spraying want fire control of the control	ure-demand) ater spray to water directly ol or dilution ters must us hing apparatu ets and ox  wear approposes and othe tive eyewear container for hway from sp resonnel out of p leak if with courses, bas d collect spill e in containe	priate Personal er protective close a non-clater disposal. Sill. Stay upwind farea. Wear sout risk. Move thements or conflage with non-cor for disposal a	othing (e.go ombustibled and awas appropriated contained areas ombustible ccording t
7.1	Spills:  Work & Hygiene Practices:	full protective gear. Keep containers cool until well after the fire is of fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid storage containers because of danger of boil-over. Prevent runoff from entering sewers, drains, drinking water supply, or any natural waterway bunker gear including NIOSH-approved positive pressure self-contain protect against potential hazardous combustion or decomposition deficiencies.  6. ACCIDENTAL RELEASE MEASUREMENTS.  Before cleaning any spill or leak, individuals involved in spill cleat Equipment (PPE). Use safety glasses or safety goggles and face ship approned to the product and plead to the plead to the product and plead to the prod	atus (pressibility and production of the control of	ure-demand) ater spray to water directly ol or dilution ters must us ing apparatu cts and ox  wear approp oves and othe tive eyewear container for away from sp rsonnel out of p leak if, whas d collect spille e in container contractor.  ial is handle we contamina	priate Personal er protective close sources and cool y into from the full us to bygen priate Personal er protective close and cool from the full stay upwind area. Wear sour risk. Move the full stay upwind area. Wear sour risk. Move the full stay upwind area. Contaminated ed, stored and atted clothing and cool from the full stay upwind the full stay upwind area.	orthing (e.go ombustible d and awa appropriat contained ined area ombustible ccording t absorbed  processed
		full protective gear. Keep containers cool until well after the fire is of fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid storage containers because of danger of boil-over. Prevent runoff from entering sewers, drains, drinking water supply, or any natural waterway bunker gear including NIOSH-approved positive pressure self-contain protect against potential hazardous combustion or decomposition deficiencies.  6. ACCIDENTAL RELEASE MEASURE Before cleaning any spill or leak, individuals involved in spill cleat Equipment (PPE). Use safety glasses or safety goggles and face shid apron, boots, etc.) to prevent skin contact.  Small Spills: Wear appropriate protective equipment including gloves inert material such as vermiculite or sand to soak up the product and pleage Spills: Keep incompatible materials (e.g., oxidizers, strong acid from spill or release. Isolate immediate hazard area and keep unaut protective equipment including respiratory protection as conditions was from spill area. Approach release from upwind. Prevent entry into sew Wash spillages into an effluent treatment plant or proceed as follows. Wash spillages into an effluent treatment plant or proceed as follows. Wash spillages into an effluent treatment plant or proceed as follows. Wash spillages into an effluent treatment plant or proceed as follows. Wash spillages into an effluent treatment plant or proceed as follows. Wash spillages into an effluent treatment plant or proceed as follows. Wash spillages into an effluent treatment plant or proceed as follows. Wash spillages into an effluent spillage of via a licensed wast material may pose the same hazard as the spilled product.  7. HANDLING & STORAGE INFORMA  Eating, drinking and smoking should be prohibited in areas where Workers should wash hands and face before eating, drinking and smoke equipment before entering eating areas. Do not ingest. Avoid contact to the proceed as follows.	atus (press put. Use wa d spraying of m fire control ay. Firefigh inned breath ion produce  RES anup must eld; use glo and protect ace into a co as, alkalis) a horized per arrant. Stop ers, water of Contain and h and place ive disposal  TION  This material ing. Remove with eyes, s r protected of and food a st be carefu	wear approposes and other spray to water directly ol or dilution ters must using apparatucts and oxide wear approposes and other tive eyewear container for away from spresonnel out of leak if with courses, basid collect spiller in container contractor.	priate Personal er protective close for area. Wear a cout risk. Move the sements or conflage with non-correction of the cout risk. Move the ments or conflage with non-correction of the cout risk. Move the ments or conflage with non-correct for disposal a Contaminated ed, stored and atted clothing an aning. Avoid breat sunlight in a dreep container tigand kept uprigh	orthing (e.go ombustible d and awa appropriat contained ined areas ombustible ccording to absorbed  processe d protective thing vap  y, cool are ghtly close t to preve



Page 3 of 6

BC-039

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.1 SDS I

SDS Revision Date: 11/29/2018

8. EXPOSURE CON			TROLS & PERSONAL PROTECTION								
8.1	Exposure Limits:		AC	3IH		NOHSC			OSHA		OTHER
	ppm (mg/m³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-	ES- PEAK	PEL	STEL	IDLH	
		CHEMICAL NAME(S) STODDARD SOLVENT	NA NA	NA	NF	STEL NF	NF	(5)	NA	NA	
		SEVERELY HYDROTREATED	14/1	14/1	INI	141	141	(0)	14/1	14/ (	
		NAPHTHENIC PETROLEUM OIL * contains less than 3% DMSO	(5)	(10)	(5)	NA	NA	(5)	NA	NA	OIL MIST
		PROPYLENE GLYCOL	100	150	100	NF	NF	100	150	NA	
0.0	Vertileties & Fasing size	MONOMETHYL ETHER									l .
8.2	Ventilation & Engineering Controls:	General mechanical (e.g., fans) of exhaust ventilation to effectively product. Ensure appropriate de Emissions from ventilation or work environmental protection legislatic equipment will be necessary to recommendate.	remove contamin process on. In so	and prevation eq equipme me case:	vent builduuipment is ent should s, vapor c	p of var availab be check ontrols, f	oors or m le (e.g., s ed to ensi	ist gener sink, safe ure they o	ated fror ety show comply w	n the h er, eye ith the r	andling of the wash station equirements
8.3	Respiratory Protection:	No special respiratory protection instances where mist or vapors of only protection authorized by 29 CAS Standard Z94.4-93 and ap Australia. Respirator selection muthe product and the safe working I	this prod CFR §19 plicable ust be ba	duct are ( 910.134, standard sed on k	generated, applicable s of Cana nown or a	and respective and respective states are res	oiratory pr ate regula ovinces, E	otection i ations, or EC mem	s needed the Car ber State	d, use nadian es, or	
8.4	Eye Protection:	Wear protective eyewear (e.g., sa Always use protective eyewear w soft lenses may absorb and conce	hen clea	ning spil							
8.5	Hand Protection:	If anticipated that prolonged & reprubber gloves for routine industriappropriate standards of Canada,	al use. of the E.	If neces C. memb	sary, refe er states.	to U.S.	OSHA 2	9 CFR §	1910.13	8, the	
8.6	Body Protection:	No apron required when handling wash stations and deluge showe	rs should								1
		large quantities of this product, wa	sh any e	xposed a						Oiving	<u>m</u>
					reas thoro	ughly wit	h soap an			Olving	
9.1	Appearance:	9. PHYSICAL	& CH	EMIC	AL PR	ughly wit	h soap an			Olving	
	Appearance: Odor:	9. PHYSICAL Brown liquid impregnated in cloth	& CH	EMIC	AL PR	ughly wit	h soap an			Oiving	
9.2		9. PHYSICAL	& CH	EMIC	AL PR	ughly wit	h soap an			Olving	
9.2 9.3	Odor:	9. PHYSICAL Brown liquid impregnated in cloth Kerosene like odor NA	& CH	EMIC	AL PR	ughly wit	h soap an			Olving	
9.2 9.3 9.4	Odor: Odor Threshold:	9. PHYSICAL Brown liquid impregnated in cloth Kerosene like odor	& CH	EMIC	AL PR	ughly wit	h soap an			Olving	
9.2 9.3 9.4 9.5	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling	9. PHYSICAL Brown liquid impregnated in cloth Kerosene like odor NA NA	& CH	EMIC	AL PR	ughly wit	h soap an			Olving	
9.2 9.3 9.4 9.5 9.6	Odor: Odor Threshold: pH: Melting Point/Freezing Point:	9. PHYSICAL  Brown liquid impregnated in cloth  Kerosene like odor  NA  NA  NA  148.8 °C (300 °F)	& CH	EMIC	AL PR	ughly wit	h soap an			Ovville	
9.2 9.3 9.4 9.5 9.6	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability	9. PHYSICAL  Brown liquid impregnated in cloth  Kerosene like odor  NA  NA  NA	& CH	EMIC	AL PR	ughly wit	h soap an			Ovville	
9.2 9.3 9.4 9.5 9.6 9.7	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint:	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor NA NA NA 148.8 °C (300 °F) 43.8 °C (111 °F) CC UEL: 6 / LEL 1	& CH	EMIC	AL PR	ughly wit	h soap an			Giving	
9.2 9.3 9.4 9.5 9.6 9.7 9.8	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure:	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor NA NA NA 148.8 °C (300 °F) 43.8 °C (111 °F) CC UEL: 6 / LEL 1 NA	& CH	EMIC	AL PR	ughly wit	h soap an			Giving	
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density:	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor NA NA NA 148.8 °C (300 °F) 43.8 °C (111 °F) CC UEL: 6 / LEL 1 NA >1 (Air = 1)	& CH	EMIC	AL PR	ughly wit	h soap an			Giving	
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density:	9. PHYSICAL  Brown liquid impregnated in cloth  Kerosene like odor  NA  NA  148.8 °C (300 °F)  43.8 °C (111 °F) CC  UEL: 6 / LEL 1  NA  >1 (Air = 1)  0.825	& CH	EMIC	AL PR	ughly wit	h soap an			Giving	
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10 9.11	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density:	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor NA NA NA 148.8 °C (300 °F) 43.8 °C (111 °F) CC UEL: 6 / LEL 1 NA >1 (Air = 1) 0.825 Negligible	& CH	EMIC	AL PR	ughly wit	h soap an			Giving	
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10 9.11 9.13	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility:	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor NA NA NA 148.8 °C (300 °F) 43.8 °C (111 °F) CC UEL: 6 / LEL 1 NA >1 (Air = 1) 0.825 Negligible NA	& CH	EMIC	AL PR	ughly wit	h soap an			Giving	
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10 9.11 9.12 9.13	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow):	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor NA NA NA 148.8 °C (300 °F) 43.8 °C (111 °F) CC UEL: 6 / LEL 1 NA >1 (Air = 1) 0.825 Negligible	& CH	EMIC	AL PR	ughly wit	h soap an			Giving	
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature:	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor NA NA NA 148.8 °C (300 °F) 43.8 °C (111 °F) CC UEL: 6 / LEL 1 NA >1 (Air = 1) 0.825 Negligible NA 335 °C (635 °F) NA	& CHI	EMIC <sub>A</sub> pplication	AL PR(	DPER	h soap an				
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.11 9.12 9.13 9.14 9.15 9.16	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature:	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor NA NA NA 148.8 °C (300 °F) 43.8 °C (111 °F) CC UEL: 6 / LEL 1 NA >1 (Air = 1) 0.825 Negligible NA 335 °C (635 °F)	& CHI	EMIC <sub>A</sub> pplication	AL PR(	DPER	h soap an				
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.11 9.12 9.13 9.14 9.15 9.16	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity:	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor  NA  NA  NA  148.8 °C (300 °F)  43.8 °C (111 °F) CC  UEL: 6 / LEL 1  NA  >1 (Air = 1)  0.825  Negligible  NA  335 °C (635 °F)  NA  1.56 cSt (1.56 mm²/sec) at 40 °C    VOC 70%	& CHI or in an a	EMICA pplication	n pen	DPER	h soap an				
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15 9.16	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity:	9. PHYSICAL  Brown liquid impregnated in cloth  Kerosene like odor  NA  NA  148.8 °C (300 °F)  43.8 °C (111 °F) CC  UEL: 6 / LEL 1  NA  >1 (Air = 1)  0.825  Negligible  NA  335 °C (635 °F)  NA  1.56 cSt (1.56 mm²/sec) at 40 °C    VOC 70%	& CHI or in an a	pplication (2.02 mr	m²/sec) at	DPER  25 °C  VITY	h soap an				
9.11	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:  Stability: Hazardous Decomposition	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor  NA  NA  NA  148.8 °C (300 °F)  43.8 °C (111 °F) CC  UEL: 6 / LEL 1  NA  >1 (Air = 1)  0.825  Negligible  NA  335 °C (635 °F)  NA  1.56 cSt (1.56 mm²/sec) at 40 °C    VOC 70%	& CHI or in an a  2.02 cSt  BILIT	EMICA pplication  (2.02 mr	m²/sec) at	DPER  25 °C  VITY  3.	h soap an				
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15 9.17	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor NA NA NA 148.8 °C (300 °F) 43.8 °C (111 °F) CC UEL: 6 / LEL 1 NA >1 (Air = 1) 0.825 Negligible NA 335 °C (635 °F) NA 1.56 cSt (1.56 mm²/sec) at 40 °C   VOC 70%  10. STA This product is stable under normal Oxides of carbon (CO, CO <sub>2</sub> ) and of	& CHI or in an a  2.02 cSt  BILIT	EMICA pplication  (2.02 mr	m²/sec) at	DPER  25 °C  VITY  3.	h soap an				
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15 9.17	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:  Stability: Hazardous Decomposition Products:	9. PHYSICAL  Brown liquid impregnated in cloth Kerosene like odor  NA  NA  148.8 °C (300 °F)  43.8 °C (111 °F) CC  UEL: 6 / LEL 1  NA  >1 (Air = 1)  0.825  Negligible  NA  335 °C (635 °F)  NA  1.56 cSt (1.56 mm²/sec) at 40 °C    VOC 70%  10. STA  This product is stable under normal	& CHI or in an a  2.02 cSt  BILIT al storage other unic	EMICA pplication  (2.02 mr	m²/sec) at	DPER  25 °C  VITY  3.	h soap an				



Page 4 of 6 BC-039

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 11/29/2018 SDS Revision: 1.1 11. TOXICOLOGICAL INFORMATION Routes of Entry Absorption: YES 11 1 Inaestion: NO Toxicity Data: 11 2 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 and is presented below: LD<sub>50</sub>, (oral, rat): 5,130 mg/kg (Dipropylene Glycol Monomethyl Ether); 1,720 mg/kg (mono-Ethanolamine) Acute Toxicity: 11.3 Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea. Chronic Toxicity: This material may aggravate any pre-existing skin condition (e.g., dermatitis). 114 11.5 Suspected Carcinogen: This product can expose you to chemicals including Ethylbenzene, Naphthalene and Toluene, which are known to the State of California to cause cancer, birth defects or reproductive harm. For more information, go to www.P65Warnings.ca.gov. 116 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. 11.7 Irritancy of Product: See Section 4.2 Biological Exposure Indices: 11.8 NE Physician Recommendations: 11.9 Treat symptomatically. 12. ECOLOGICAL INFORMATION Environmental Stability: Analysis for ecological effects has not been conducted on this product. However, if spilled, this product and any 12.1 contaminated soil or water may be harmful to human, animal, and aquatic life. Also, the coating action associated with petroleum and petroleum products can be harmful or fatal to aquatic life and waterfowl. Effects on Plants & Animals: 12.2 There are no specific data available for this product. An environmental fate analysis has not been conducted on this specific product. However, plants and animals may experience harmful or fatal effects when coated with petroleumbased products. 12.3 Effects on Aquatic Life: Petroleum-based (mineral) lube oils will normally float on water. In stagnant or slow-flowing waterways, an oil layer can cover a large surface area. As a result, this oil layer might limit or eliminate natural atmospheric oxygen transport into the water. With time, if not removed, oxygen depletion in the waterway can result in a loss of marine life or create an anaerobic environment. Severe algae growth can reduce oxygen content in the water possibly below levels necessary to support marine life. 13. DISPOSAL CONSIDERATIONS 13.1 Waste Disposal: Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 3. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Disposal of hazardous waste must be through by a licensed treatment, storage or disposal facility (TSDF). 13.2 Special Considerations: Contact the federal, state or provincial environmental authority to determine suitability for recycling and or proper disposal requirements 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): CONSUMER COMMODITY, ORM-D - until 12/31/2020; or UN1993, FLAMMABLE LIQUID, N.O.S., (PETROLEUM NAPHTHA), 3, III (LTD QTY, IP VOL  $\leq 5.0 L$  $\bigcirc$ or  $\bigcirc$ 14.2 IATA (AIR)\*: ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 0.5 L); or UN1993, FLAMMABLE LIQUID, N.O.S., (PETROLEUM NAPHTHA), 3, III (LTD QTY, IP VOL ≤ 2.5 L) IMDG (OCN): 14.3 UN1993, FLAMMABLE LIQUID, N.O.S., (PETROLEUM NAPHTHA), 3, III (LTD QTY, IP VOL 14.4 TDGR (Canadian GND): UN1993, FLAMMABLE LIQUID, N.O.S., (PETROLEUM NAPHTHA), 3, III (LTD QTY, IP VOL  $\leq 5.0 L$ ADR/RID (EU): 14.5 UN1993, FLAMMABLE LIQUID, N.O.S., (PETROLEUM NAPHTHA), 3, III (LTD QTY, IP VOL SCT (MEXICO): 14.6 UN1993, LIQUIDOS, INFLAMABLES, N.E.P. (PETROLEUM NAPHTHA), 3, III (CANT LTDA, IP VOL  $\leq$  5.0 L) 14.7 ADGR (AUS): UN1993, FLAMMABLE LIQUID, N.O.S., (PETROLEUM NAPHTHA), 3, III (LTD QTY, IP VOL 14.8 EXCEPTED QUANTITY This product may also be shipped as an Excepted Quantity (Inner Package Volume ≤ 30 mL, Total 0 Quantity ≤ 500 mL per Outer Package)



Page 5 of 6 BC-039

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.1

SDS Revision Date: 11/29/2018

		15. REGULATORY	INFORMATION			
15.1	SARA Reporting Requirements:		hyl Ether, a substance subject to SARA Title III, Section 313 reporting			
15.2	SARA TPQ:	There are no specific Threshold Planning Quantit	ies for the components of this product.			
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.				
15.4	CERCLA Reportable Quantity:	NA				
15.5	Other Federal Requirements:		Ils which produce a visible sheen on waters of the United States, their surface waters must be reported to the EPA's National Response Center			
15.6	Other Canadian Regulations:	Regulations (CPR) and the SDS contains all	o the hazard criteria of the Controlled Products of the information required by the CPR. The SL/NDSL. None of the components of this product IIS D2B (Other Toxic Effects).			
15.7	State Regulatory Information:	No other ingredients in this product, present in a criteria lists: Florida Toxic Substances List (FL), M Substances List (MN) & Pennsylvania Right-to-Kr No other ingredients are found on the following s Management List (DE), Florida Toxic Substance Critical Substances List (MI), Minnesota Hazardo	the following state criteria lists: FL, MA, MN, PA and WA. concentration of 1.0% or greater, are listed on any of the following state Massachusetts Hazardous Substances List (MA), Minnesota Hazardous now List (PA). State criteria lists: California Proposition 65 (CA65), Delaware Air Quality as List (FL), Massachusetts Hazardous Substances List (MA), Michigan us Substances List (MN), New Jersey Right-to-Know List (NJ), New York Right-to-Know List (PA), Washington Permissible Exposures List (WA),			
15.8	Other Requirements:	This product does not contain any chemicals kn reproductive harm. For more information go to wy	nown to the State of California to cause cancer, birth defects, or other <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .			
		16 OTHER INC	ODMATION			
16.1	Other Information:	16. OTHER INFO	ORIVIATION  AND ENTERS AIRWAYS. MAY CAUSE CANCER. FLAMMABLE			
		Obtain special instructions before use. Do not h away from heat, hot surfaces, sparks, open flame Avoid breathing fume/mist/vapors/spray. Contanthoroughly with soap and water after handling. W Immediately call a POISON CENTER/doctor. D contaminated clothing. Rinse skin with water [or Remove contact lenses, if present and easy	•			
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.				
16.3	Disclaimer:	government regulations must be reviewed for app LLC knowledge, the information contained herein completeness is not guaranteed and no warrantie contained herein relates only to the specific prod	OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other plicability to this product. To the best of ShipMate's & Birchwood Casey, a is reliable and accurate as of this date; however, accuracy, suitability or as of any type, either expressed or implied, are provided. The information uct(s). If this product(s) is combined with other materials, all component anged from time to time. Be sure to consult the latest edition.			
16.4	Prepared for:	Birchwood Casey, LLC 3260 Winpark Drive New Hope, MN 55427 USA Tel: +1 (952) 388-6717 Email: customerservice@birchwoodcasey.com <a href="http://www.birchwoodCasey.com">http://www.birchwoodCasey.com</a>	BIRCHWOOD CASEY			
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	ShipMate*  Dangerous Goods Training & Consulting			



Page 6 of 6 **BC-039** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 11/29/2018

#### **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

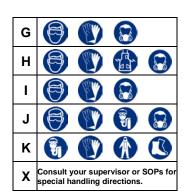
#### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

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



#### PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE STATE OF THE S	
D		THE STATE OF THE S	
Ε			
F		H,	





#### OTHER STANDARD ABBREVIATIONS:

Carcinogenic
Irritant
Not Available
No Results
Not Determined
Not Established
Not Found
Self-Contained Breathing Apparatus
Sensitization
Specific Target Organ Toxicity – Repeat Exposure
Specific Target Organ Toxicity – Single Exposure

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILI	TY LIMITS IN AIR:
Autoignition	Minimum temperature required to initiate combustion in air with no other source
Temperature	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	<b>1 2</b>
ALK	Alkaline	
COR	Corrosive	/ <b>Y ₩ Y</b>
W	Use No Water	HEALTH
ОХ	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>	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	O <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 K <sub>ow</sub> or log K <sub>oc</sub>	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>®</b>		<b>②</b>	$\Theta$	(%)		
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>®</b>		$\Diamond$	N. C.		$\Diamond$		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment