HARBOR FREIGHT TOOLS

SAFETY DATA SHEET

Page 1 of 6 **HFT-61274**

	ality Tools at Ridiculously Low Prices		5Af				J						H	IFT-61274
Prepa	red to OSHA, ACC, ANSI, N	OHSC, WHMIS, 20	001/58 & 1272/20	008/EC Standard	ls		SDS I	Revisior	n: 1.0		SDS F	Revisio	n Date	: 4/30/2015
		1	PRODUC											
1	Product Name:		DUTY B			IDEI		ICA						
2	Chemical Name:	_	-		3									
2 3		Ŭ.	se Dioxide Batt	ery										
3 4	Synonyms: Trade Names:	P/N 61274												
+ 5	Product Uses & Restrictions:	Thunderbolt M	U U											
6	Distributor's Name:	Electric Storag	t Tools USA, In	<u>^</u>										
0 7	Distributor's Address:	Ŭ.	Road. Calabas		1164									
8	Emergency Phone:			,		1 1 2 4	0200		NI 676	C07)				
9	Business Phone / Fax:	+1 (805) 388-1	<mark>C: +1 (703)</mark>	527-30077	+1 (000) 424	-9300		N 070	0007)				
			2. HA	ZARDS I	DENTI	FIC	ATIC)N						
1	Hazard Identification:		s classified as							ds aco	cordin	g to t	he	
			riteria of [NOH											
		EFFECTS.	HARMFUL IF S	SWALLOWED	D. TOXIC		QUAI		EWII	H LO	NG L	ASTIN	IG	
			<u>nents</u> (H): H302	2 – Harmful if s	swallowed	. H41	1 – To	xic to a	aquatic	life wi	th long	g lasti	ng	$\langle \cdot \rangle$
			Statements (P) [.] P264 – Wa	ish hands	and e	xnose	d skin :	areas v	with so	han ar	nd wai	rm	
			nly after handlir											À
			to the environn											NV.
			: Call a POISC											< ¥_3
		facility (TSDF)	e. P501 – Disp	ose of conten	its/contain	ier to li	icense	s treatr	nent, s	torage	e and	dispos	sai	
): Call the NA		TTERY IN	IGEST			VE at	_1 (2	02) 6	25-33	22	
			r night. In Car							TI (2	02) 0.	20-00	55	•
		collect, day o												
		collect, day o			410/013-									
		· · · ·					INF	ORM		ON			•	
		· · · ·	MPOSITI				INF	ORN			AITS IN	AIR (m	g/m³)	
		· · · ·				ENT ACG	ЭIH		EXPOS			OSHA	g/m³)	
		· · · ·				ENT	ЭIH	N	EXPOS IOHSC ppm	URE LIN			g/m³)	
IEMIC	CAL NAME(S)	· · · ·				ENT ACG	ЭIH	ES-	EXPOS IOHSC ppm ES-			OSHA	g/m ³) IDLH	OTHER
	CAL NAME(S)	3. CC cas no. 7440-66-6	RTECS No. ZG8600000	ON & ING EINECS No. 231-175-3	% 15-40	ENT ACG ppi TLV	GIH m	ES-	EXPOS IOHSC ppm ES- STEL F	URE LIN		OSHA ppm		OTHER
	CAL NAME(S)	3. CC CAS No. 7440-66-6 Aquatic Acute	RTECS No. ZG8600000 1; Aquatic Chroni	ON & ING EINECS No. 231-175-3 c 1; H400, H410	% 15-40	ENT ACG ppr TLV NA	SIH m STEL NA	ES- TWA	EXPOSI IOHSC ppm ES- STEL F NF	ES- PEAK	PEL	OSHA ppm STEL	IDLH	OTHER
NC	CAL NAME(S)	3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9	RTECS No. ZG8600000 1; Aquatic Chroni OP0350000	ON & ING EINECS No. 231-175-3 c 1; H400, H410 215-202-6	% 15-40	ENT ACG ppi TLV	GIH m STEL	ES- TWA	EXPOSI IOHSC ppm ES- STEL F NF	ES- PEAK	PEL	OSHA ppm STEL	IDLH	OTHER
NC		3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9 Acute Tox. Ora	RTECS No. ZG8600000 1; Aquatic Chroni OP0350000 14; Acute Tox. In	ON & ING EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H333	% 15-40 2	ENT ACC pp TLV NA (5)	SIH m STEL NA NA	ES- TWA NF (5)	EXPOSI IOHSC ppm ES- STEL F NF NF	URE LIN ES- PEAK NF NF	PEL NA (5)	OSHA ppm STEL NA NA	IDLH NA NA	
NC ANG		3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9 Acute Tox. Ora 7646-85-7	RTECS No. ZG8600000 1; Aquatic Chroni OP0350000 14; Acute Tox. In ZH1400000	ON & ING EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H33; 231-592-0	% 15-40 15-40 2 7-13	ENT ACC ppr TLV NA (5) (1)	STEL NA NA	ES- TWA NF (5) (1)	EXPOSI IOHSC ppm ES- STEL F NF NF	URE LIN ES- PEAK NF NF NF	PEL NA	OSHA ppm STEL NA	IDLH NA	OTHER
NC ANG	ANESE DIOXIDE	3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *;	RTECS No. ZG8600000 1; Aquatic Chroni OP0350000 14; Acute Tox. In ZH1400000 Skin Corr. 1B; Ad	ON & ING EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H33; 231-592-0 quatic Acute 1; A	% 15-40 15-40 2 7-13 Aquatic Chro	ENT ACC pp TLV NA (5) (1) onic 1;	SIH m STEL NA NA NA H302, F	ES- TWA NF (5) (1) H314, H4	EXPOSI IOHSC ppm ES- STEL F NF NF NF NF 400, H4	NF 5 10	PEL NA (5) (1)	OSHA ppm STEL NA NA	IDLH NA NA 50	
NC ANG NC (ANESE DIOXIDE	3. CC CAS No. 7440-66-6 Aquatic Acute 1 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9	RTECS No. ZG8600000 1; Aquatic Chroni: OP0350000 14; Acute Tox. In ZH1400000 Skin Corr. 1B; Ad BP4550000	ON & ING EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H332 231-592-0 quatic Acute 1; A 235-186-4	% 15-40 15-40 2 7-13 Aquatic Chro	ENT ACC pp TLV NA (5) (1) onic 1;	SIH m STEL NA NA NA H302, F	ES- TWA NF (5) (1) H314, H4	EXPOSI IOHSC ppm ES- STEL F NF NF	NF 5 10	PEL NA (5)	OSHA ppm STEL NA NA	IDLH NA NA	
NC ANG NC (ANESE DIOXIDE	3. CC CAS No. 7440-66-6 Aquatic Acute 1 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9	RTECS No. ZG8600000 1; Aquatic Chroni OP0350000 14; Acute Tox. In ZH1400000 Skin Corr. 1B; Ad	ON & ING EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H332 231-592-0 quatic Acute 1; A 235-186-4	% 15-40 15-40 2 7-13 quatic Chro 7-13	ENT ACC pp TLV NA (5) (1) onic 1;	SIH m STEL NA NA NA H302, F	ES- TWA NF (5) (1) H314, H4 (10)	EXPOSI IOHSC ppm ES- STEL F NF NF NF NF 400, H4' (20)	NF 5 10	PEL NA (5) (1)	OSHA ppm STEL NA NA	IDLH NA NA 50	
NC ANG NC (ANESE DIOXIDE	3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9 Acute Tox. 4, E 7439-92-1	RTECS No. ZG8600000 1; Aquatic Chronic OP0350000 14; Acute Tox. In ZH1400000 Skin Corr. 1B; Ad BP4550000 ye Irrit. 2; H302,	ON & INC EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H33; 231-592-0 quatic Acute 1; A 235-186-4 H319 231-100-4	% 15-40 2 7-13 quatic Chro 7-13 < 0.4	ENT ACC pp TLV NA (5) (1) (1) (0.05)	SIH m STEL NA NA H302, H NA NA	ES- TWA NF (5) (1) (1) (1) (1) (1) (10) NF (EXPOSI IOHSC ppm ES- STEL F NF NF 400, H4' (20)	URE LIN ES- PEAK NF NF 5 10 NF NF	PEL NA (5) (1) (10) NA	OSHA ppm STEL NA NA NA NA	IDLH NA 50 NA	FUME
	ANESE DIOXIDE CHLORIDE NIUM CHLORIDE	3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9 Acute Tox. 4, E 7439-92-1	RTECS No. ZG8600000 1; Aquatic Chroni: OP0350000 14; Acute Tox. In ZH1400000 Skin Corr. 1B; Ac BP4550000 zye Irrit. 2; H302, OF7525000	ON & INC EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H33; 231-592-0 quatic Acute 1; A 235-186-4 H319 231-100-4	% 15-40 2 7-13 quatic Chro 7-13 < 0.4	ENT ACG pp TLV NA (5) (1) onic 1; (10) (0.05) Acute 1	SIH m STEL NA NA H302, H NA NA	ES- TWA NF (5) (1) (1) (1) (1) (1) (10) NF (EXPOSI IOHSC ppm ES- STEL F NF NF 400, H4 (20) (0.15) nic 1; H3	URE LIN ES- PEAK NF NF 5 10 NF NF 302, H3	PEL NA (5) (1) (10) NA	OSHA ppm STEL NA NA NA NA	IDLH NA 50 NA	FUME
	ANESE DIOXIDE CHLORIDE NIUM CHLORIDE	3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9 Acute Tox. 4, E 7439-92-1 Acute Tox. 4; A 7440-43-9 Acute Tox. 2; N	RTECS No. ZG8600000 1; Aquatic Chroni: OP0350000 14; Acute Tox. In ZH1400000 Skin Corr. 1B; Ac BP4550000 ye Irrit. 2; H302, OF7525000 cute Tox. 4; Rep NA Auta. 2; Carc. 1B;	ON & INC EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H33; 231-592-0 quatic Acute 1; A 235-186-4 H319 235-186-4 H319 231-100-4 r. 1A; STOT RE 231-152-8 Repr. 2; STOT	% 15-40 15-40 2 7-13 Aquatic Chro 7-13 <0.4 2; Aquatic Chro 7,	ENT ACG pp TLV NA (5) (1) (0.05) Acute 1 (0.01) Acute 1;	SIH m STEL NA NA NA H302, H NA H302, H NA H302, H NA SA SA SA SA SA SA SA SA SA SA SA SA SA	ES- TWA NF (5) (1) (314, H- (10) NF (10) NF (10) NF (10) NF (10) NF (10) NF (10)	EXPOSI IOHSC ppm ES- STEL F NF NF NF 400, H4: (20) (0.15) nic 1; H3 NF H330, F	URE LII ES- PEAK NF NF 10 NF 10 NF 302, H3 NF 1341, H	PEL NA (5) (1) (10) (10) NA (332, H3 (0.1) 1350, H	OSHA ppm STEL NA NA NA 100 360, H3 0.3 1361fd	IDLH NA 50 NA 73, H4 (9) , H372,	FUME 00, H410 (0.02) RESP FR
	ANESE DIOXIDE CHLORIDE NIUM CHLORIDE	3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9 Acute Tox. 4 ; A 7439-92-1 Acute Tox. 4; A 7440-43-9 Acute Tox. 2; M 7439-97-6	RTECS No. ZG8600000 1; Aquatic Chroni: OP0350000 1; Aquatic Chroni: OP0350000 1; Acute Tox. In ZH1400000 Skin Corr. 1B; Ac BP4550000 ye Irrit. 2; H302, OF7525000 cute Tox. 4; Rep NA Muta. 2; Carc. 1B; OV4550000	ON & INC 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H333 231-592-0 quatic Acute 1; A 235-186-4 H319 231-100-4 r. 1A; STOT RE 231-152-8 Repr. 2; STOT 2 231-106-7	% 15-40 15-40 2 7-13 4 4 2; Aquatic Chro 7-13 < 0.4 2; Aquatic 2; Aquatic 3 5 5 1; Aq. A < 0.000	ENT ACC PPP TLV NA (5) (1) (0.05) Acute 1 (0.01) Acute 1; NA	SIH m STEL NA NA NA H302, H NA H302, H NA I; Aquat NA I; Aquat NA	ES- TWA NF (5) (1) 1314, H4 (10) NF 0:00 Chron NF	EXPOS IOHSC ppm ES- STEL F NF NF NF 400, H4' (20) (0.15) nic 1; H3 NF H330, F 0.025)	URE LII ES- PEAK NF 5 10 NF 10 NF 302, H3 NF 1341, H NA	PEL NA (5) (1) (10) NA (0.1) 1350, H NA	OSHA ppm STEL NA NA NA 100 360, H3 0.3 1361fd NA	IDLH NA 50 NA 73, H4 (9) H372, (10)	FUME 00, H410 (0.02) RESP FR
NC ANG NC (IMO ADM	ANESE DIOXIDE CHLORIDE NIUM CHLORIDE	3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9 Acute Tox. 4 ; A 7439-92-1 Acute Tox. 4; A 7440-43-9 Acute Tox. 2; M 7439-97-6	RTECS No. ZG8600000 1; Aquatic Chroni: OP0350000 14; Acute Tox. In ZH1400000 Skin Corr. 1B; Ac BP4550000 ye Irrit. 2; H302, OF7525000 cute Tox. 4; Rep NA Auta. 2; Carc. 1B;	ON & INC 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H333 231-592-0 quatic Acute 1; A 235-186-4 H319 231-100-4 r. 1A; STOT RE 231-152-8 Repr. 2; STOT 2 231-106-7	% 15-40 15-40 2 7-13 4 4 2; Aquatic Chro 7-13 < 0.4 2; Aquatic 2; Aquatic 3 5 5 1; Aq. A < 0.000	ENT ACC PPP TLV NA (5) (1) (0.05) Acute 1 (0.01) Acute 1; NA	SIH m STEL NA NA NA H302, H NA H302, H NA I; Aquat NA I; Aquat NA	ES- TWA NF (5) (1) 1314, H4 (10) NF 0:00 Chron NF	EXPOS IOHSC ppm ES- STEL F NF NF NF 400, H4' (20) (0.15) nic 1; H3 NF H330, F 0.025)	URE LII ES- PEAK NF 5 10 NF 10 NF 302, H3 NF 1341, H NA	PEL NA (5) (1) (10) NA (0.1) 1350, H NA	OSHA ppm STEL NA NA NA 100 360, H3 0.3 1361fd NA	IDLH NA 50 NA 73, H4 (9) H372, (10)	FUME 00, H410 (0.02) RESP FR
NC ANG NC (IMO ADM	ANESE DIOXIDE CHLORIDE NIUM CHLORIDE	3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9 Acute Tox. 4 ; A 7439-92-1 Acute Tox. 4; A 7440-43-9 Acute Tox. 2; M 7439-97-6	RTECS No. ZG8600000 1; Aquatic Chroni: OP0350000 14; Acute Tox. In ZH1400000 Skin Corr. 1B; Ac BP4550000 Eyel Irrit. 2; H302, OF7525000 Acute Tox. 4; Rep NA Muta. 2; Carc. 1B; OV4550000 e Tox. 2 *; STOT	ON & ING EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H33; 231-592-0 quatic Acute 1; A 235-186-4 H319 231-100-4 r. 1A; STOT RE 231-152-8 Repr. 2; STOT RE 231-106-7 RE 1; Aquatic A	% 15-40 15-40 2 7-13 4 quatic Chro 7-13 < 0.4 2; Aquatic Chro 2 5E 1; Aq. A < 0.002 SE 1; Aq. A	ENT ACG pp TLV NA (5) (1) (0.05) Acute 1 (0.01) Acute 1; NA iatic Ch	SIH m STEL NA NA NA H302, H NA H302, H NA I; Aquat NA ; Aquat NA I; Aquat NA I; Aquat	ES- TWA NF (5) (1) 1314, H4 (10) NF 0:00 Chron NF	EXPOS IOHSC ppm ES- STEL F NF NF NF 400, H4' (20) (0.15) nic 1; H3 NF H330, F 0.025)	URE LII ES- PEAK NF 5 10 NF 10 NF 302, H3 NF 1341, H NA	PEL NA (5) (1) (10) NA (0.1) 1350, H NA	OSHA ppm STEL NA NA NA 100 360, H3 0.3 1361fd NA	IDLH NA 50 NA 73, H4 (9) H372, (10)	FUME 00, H410 (0.02) RESP FR
NC ANG NC C MMO ADM ERC	ANESE DIOXIDE CHLORIDE NIUM CHLORIDE	3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9 Acute Tox. 4, E 7439-92-1 Acute Tox. 4; A 7440-43-9 Acute Tox. 2; N 7439-97-6 Repr. 1B; Acute	RTECS No. ZG8600000 1; Aquatic Chroni: OP0350000 14; Acute Tox. In ZH1400000 Skin Corr. 1B; Ac BP4550000 zye Irrit. 2; H302, OF7525000 Acute Tox. 4; Rep NA Auta. 2; Carc. 1B; OV4550000 e Tox. 2*; STOT 4.	ON & ING EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H33; 231-592-0 quatic Acute 1; A 235-186-4 H319 231-100-4 r. 1A; STOT RE 231-152-8 Repr. 2; STOT 231-106-7 RE 1; Aquatic A FIRST AII	% 15-40 15-40 2 7-13 quatic Chro 7-13 < 0.4	ENT ACG PPP TLV NA (5) (1) (0.05) Acute 1 (0.01) Acute 1; NA uatic Ch SUF	SIH m STEL NA NA NA H302, F NA H302, F NA L; Aquat NA ; Aq. Ch NA Aq. Ch NA STEL NA RES	ES- TWA NF (5) (1) 1314, H4 (10) NF (ic Chror NF irronic 1; (0.003)((i	EXPOS: PPM ES- STEL F NF NF NF 400, H4' (20) (0.15) nic 1; H3 NF H330, H 0.025) ****, H33	URE LII ES-K NF 5 10 NF 302, H3 NF 330, H3 300, H37	PEL NA (5) (1) (10) NA (0.1) (332, H3 (0.1) (1350, H NA 22**, H4	OSHA ppm STEL NA NA NA 100 160, H3 0.3 1361fd NA 1300, H4	IDLH NA 50 NA 73, H4 (9) , H372, (10) 410	FUME 00, H410 (0.02) RESP FR H400, H410
NC ANG MMO AD ADM ERC	ANESE DIOXIDE CHLORIDE NIUM CHLORIDE IUM URY	3. CC CAS No. 7440-66-6 Aquatic Acute 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9 Acute Tox. 4, E 7439-92-1 Acute Tox. 4; A 7440-43-9 Acute Tox. 2; N 7439-97-6 Repr. 1B; Acute Ingestion:	RTECS No. ZG8600000 1; Aquatic Chroni: OP0350000 14; Acute Tox. In ZH1400000 Skin Corr. 1B; Ac BP4550000 Eyel Irrit. 2; H302, OF7525000 Acute Tox. 4; Rep NA Muta. 2; Carc. 1B; OV4550000 e Tox. 2 *; STOT	ON & ING EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H33; 231-592-0 quatic Acute 1; A 235-186-4 H319 231-100-4 r. 1A; STOT RE 231-152-8 Repr. 2; STOT . 231-106-7 RE 1; Aquatic A FIRST AII antities of wat	% 15-40 15-40 2 7-13 quatic Chro 7-13 < 0.4	ENT ACG PPP TLV NA (5) (1) (0.05) (1) (1) (1) (1) (1) (1) (1) (1	SIH m STEL NA NA NA H302, H NA H302, H NA I; Aquat NA I; Aquat NA I; Aquat NA T indu	ES- TWA NF (5) (1) (1314, H4 (10) NF (ic Chror NF Irronic 1; (0.003)((H360D H360D	EXPOS: PPM ES- STEL F NF NF NF 400, H4' (20) (0.15) nic 1; H3 NF H330, H 0.025) ****, H33 miting.	URE LII ES- EAK NF 5 10 NF 302, H3 NF 3302, H3 NF 300, H37	PEL NA (5) (1) (10) NA (10) NA (10) (10) (10) (10) (10) (10) (10) (10)	OSHA ppm STEL NA NA NA NA 100 660, H3 0.3 1361fd NA 400, H4	IDLH NA 50 NA 73, H4 (9) , H372, (10) 410	FUME 00, H410 (0.02) RESP FR H400, H410
NC ANG MMO AD ADM ERC	ANESE DIOXIDE CHLORIDE NIUM CHLORIDE IUM URY	3. CC CAS No. 7440-66-6 Aquatic Acute 1 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9 Acute Tox. 4, E 7439-92-1 Acute Tox. 4; A 7440-43-9 Acute Tox. 2; N 7439-97-6 Repr. 1B; Acute Ingestion:	RTECS No. ZG8600000 1; Aquatic Chroni: OP0350000 14; Acute Tox. In ZH140000 Skin Corr. 1B; Ac BP4550000 Eye Irrit. 2; H302, OF7525000 Auta. 2; Carc. 1B; OV4550000 e Tox. 2*; STOT Give large quage	ON & ING EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H332 231-592-0 quatic Acute 1; A 235-186-4 H319 231-100-4 r. 1A; STOT RE 231-152-8 Repr. 2; STOT: 231-152-8 Repr. 2; STOT: 231-106-7 RE 1; Aquatic A FIRST AII antities of waterson. Contact	% 15-40 15-40 2 7-13 quatic Chru 7-13 < 0.4	ENT ACG pp TLV NA (5) (1) (0.05) (10) (SIH m STEL NA NA NA H302, H NA H302, H NA I; Aquat NA ; Aquat NA ; Aquat NA Tonic 1; RES T indu	ES- TWA I NF (5) (1) (1) (1314, H4 (10) (10) NF (10) (10) (10) (10) (10) (10) (10) (10) (10) (10) (10) (10) (10)	EXPOS: PPM ES- STEL F NF NF NF 400, H4' (20) (0.15) nic 1; H3 NF H330, H 0.025) ****, H33 miting. Center of	URE LII ES- EAK NF 5 10 NF 302, H3 NF 3302, H3 NF 300, H37 NC NF NF	PEL NA (5) (1) (10) NA (10) NA (10) NA (10) (10) NA (10) (10) (10) (10) (10) (10) (10) (10)	OSHA ppm STEL NA NA NA NA 100 1660, H3 0.3 1361fd NA 400, H4 Pe any rgenco	IDLH NA 50 NA 50 NA 73, H4 (9) , H372, (10) 410	FUME 00, H410 (0.02) RESP FR H400, H410 by mouth to a
NC ANG MMO AD ADM ERC	ANESE DIOXIDE CHLORIDE NIUM CHLORIDE IUM URY	3. CC CAS No. 7440-66-6 Aquatic Acute 1 1313-13-9 Acute Tox. Ora 7646-85-7 Acute Tox. 4 *; 12125-02-9 Acute Tox. 4; A 7439-92-1 Acute Tox. 4; A 7440-43-9 Acute Tox. 2; N 7439-97-6 Repr. 1B; Acute	RTECS No. ZG8600000 1; Aquatic Chroni OP0350000 14; Acute Tox. In ZH1400000 Skin Corr. 1B; Ac BP4550000 ve Irrit. 2; H302, OF7525000 cute Tox. 4; Rep NA Auta. 2; Carc. 1B; OV4550000 e Tox. 2 *; STOT Give large qua unconscious pe assistance and victim's head lo	ON & ING EINECS No. 231-175-3 c 1; H400, H410 215-202-6 h. 4; H302, H33; 231-592-0 quatic Acute 1; A 235-186-4 H319 231-100-4 r. 1A; STOT RE 231-152-8 Repr. 2; STOT : 231-106-7 RE 1; Aquatic A FIRST AII antities of waterson. Contact instructions. wered (forwar	% 15-40 15-40 2 7-13 quatic Chre 7-13 < 0.4	ENT ACC PPP TLV NA (5) (1) (0.05) (0.05) Acute 1; (0.01) Acute 1; NA (0.01) Acute 1; NA (0.01) Acute 1; NA (0.01) Acute 1; NA (0.01) Acute 1; NA (0.01) Acute 1; NA (0.01) Acute 1; (0.01) Acute 1; (0.01) Acute 1; (0.01) Acute 1; (0.01) Acute 1; (0.01) Acute 1; (0.01) Acute 1; (0.01) (0.02) (0.01) (0.02)	SIH m STEL NA NA NA H302, F NA H302, F NA I; Aquat NA ; Aq. Ch NA ; Aq. Ch NA ; Aq. Ch NA Tonic 1; RES T indu son Cc e medi risk of	ES- TWA NF NF (5) (1) (1) (10) (10) NF (10) NF <td>EXPOS: PPM ES- STEL F NF NF NF 400, H4' (20) (0.15) nic 1; H3 (0.15) nic 1; H3 NF H330, H 0.025) ****, H33 miting. Center c ention. tion.</td> <td>URE LIII ES- EAK NF 5 10 NF 302, H3 NF 300, H37 NA 30, H37 NF NA IO NF NF Son, H37 NF If vo</td> <td>PEL NA (5) (1) (10) NA (332, H3 (0,1) 1350, F NA 2**, H2 er giv al eme miting</td> <td>OSHA ppm STEL NA NA NA NA NA 100 100 1360, H3 0.3 1361fd NA 100, H4 0.0, H4 0</td> <td>IDLH NA 50 NA 50 NA 73, H4 (9) , H372, (10) 410 ty telep rs spo</td> <td>FUME 00, H410 (0.02) RESP FR H400, H410 by mouth to a phone number fi intaneously, kee</td>	EXPOS: PPM ES- STEL F NF NF NF 400, H4' (20) (0.15) nic 1; H3 (0.15) nic 1; H3 NF H330, H 0.025) ****, H33 miting. Center c ention. tion.	URE LIII ES- EAK NF 5 10 NF 302, H3 NF 300, H37 NA 30, H37 NF NA IO NF NF Son, H37 NF If vo	PEL NA (5) (1) (10) NA (332, H3 (0,1) 1350, F NA 2**, H2 er giv al eme miting	OSHA ppm STEL NA NA NA NA NA 100 100 1360, H3 0.3 1361fd NA 100, H4 0.0, H4 0	IDLH NA 50 NA 50 NA 73, H4 (9) , H372, (10) 410 ty telep rs spo	FUME 00, H410 (0.02) RESP FR H400, H410 by mouth to a phone number fi intaneously, kee
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Page 2 of 6 HFT-61274

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SAFETY DATA SHEET Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 4/30/2015 4. FIRST AID MEASURES – cont'd May cause severe irritation of mouth, throat, esophagus, and stomach. Effects of Exposure: Acute ingestion of zinc Ingestion: compounds may cause abdominal pain, nausea, vomiting, diarrhea, and severe cramping. Severe irritation, burns, cornea damage, blindness. Lead compounds may cause irritation. Eyes: Severe irritation, burns, and ulceration if open battery cell comes into contact with skin. Skin: Inhalation of lead dust or fumes may cause irritation of upper respiratory tract and lungs. Inhalation: Symptoms of Overexposure: Severe discomfort, nausea, vomiting and headache. Harmful if swallowed. May cause corrosion and Ingestion: permanent tissue destruction of the esophagus and digestive tract. May cause irreversible eye injury. Contact with eyes may cause severe irritation, and possible eye burns. Eyes: Severe irritation, redness, and watering. Severe skin irritation, red, itching skin, burns and ulceration, if open battery cell comes into contact with Skin: skin. Inhalation: May cause cyanosis (bluish discoloration of skin due to deficient oxygenation of the blood). Irritation may lead to chemical pneumonitis and pulmonary edema. Inhalation of fumes may cause metal fume fever, which is characterized by flu-like symptoms with metallic taste, fever, chills, cough, weakness, chest pain, muscle pain and increased white blood cell count. Causes respiratory tract irritation with possible burns. Acute Health Effects: Hazardous exposure can occur only when product is heated above the melting point, oxidized or otherwise processed or damaged to create dust, vapor, or fume. Chronic Health Effects: Chronic exposure may cause effects similar to those of acute exposure. Target Organs: Skin, Respiratory System, Central Nervous System (CNS) Medical Conditions HEALTH NA Aggravated by Exposure: FLAMMABILITY **PHYSICAL HAZARDS PROTECTIVE EQUIPMENT** EYES SKIN 5. FIREFIGHTING MEASURES Fire & Explosion Hazards: This material can burn but will not readily ignite. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO₂, Hydrocarbons). Extinguishing Methods: CO₂, Dry Chemical, Alcohol Foam, Dry Chemical. Use water spray to cool containers. Firefighting Procedures: Use extinguishing media most appropriate for the surrounding fire. Do NOT get water inside containers. For small fires, use dry chemical, carbon dioxide, or water spray. For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray. Cool containers with flooding quantities of water until well after fire is out. 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 Spills Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment, including protective gloves and eyewear. Plastic or rubber gloves, respirator, eye/face protection and chemical-resistant apron may be required for clean-up of large spills. Small Spills: Wear appropriate protective equipment including gloves and protective eyewear. Use a non-combustible material such as vermiculite or sand to soak up the product and place into a container for later disposal. Large Spills: Keep incompatible materials away from spill. Stay upwind and away from spill or release. Isolate immediate hazard area and keep unauthorized personnel out of area. Stop spill or release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant. Collect in acidresistant container. 7. HANDLING & STORAGE INFORMATION Work & Hygiene Practices: Do not eat, drink or smoke when handling this product. Handle as to avoid puncturing container(s). Storage & Handling Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Keep away from incompatible substances. Protect containers from physical damage. Store product in wellfilled, appropriate coated and tightly closed containers avoiding influence of oxygen/air, light and humidity. Store at a cool and constant temperature. Special Precautions: This battery is not designed for recharging. Recharging can cause battery leakage or high pressure rupture, in some cases. Inadvertent charging can happen if a battery is installed backwards. Accidental short circuit for a few seconds will not seriously affect the battery. But prolonged short circuit will cause the battery to lose energy, and can cause the safety release vent to open. Sources of short circuit include jumbled batteries in bulk containers, metal jewelry, metal covered tables or metal belts used for assembly of batteries in devices.

SAFETY DATA SHEET

Page 3 of 6 HFT-61274

		OHSC, WHMIS, 2001/58 & 1272/2008	5.6.10				vision: 1.0			200	e: 4/30/2015
		8. EXPOSURE CON	TROL	S &	PERSC		PROTE	СТІО	N		
.1	Exposure Limits:		ACG			NOHSC			OSHA		OTHER
	ppm (mg/m ³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		MANGANESE DIOXIDE	(5)	NA	(5)	NF	NF	(5)	NA	NA	
		ZINC CHLORIDE	(1)	NA	(1)	NF	5	(1)	NA	50	FUME
		AMMONIUM CHLORIDE	(10)	NA	(10)	(20)	NF	(10)	NA	NA	
		LEAD	(0.05)	NA	NF	(0.15)	NF	NA	100	NA	
		CADMIUM	(0.01)	NA	NF	NF	NF	(0.1)	0.3	(9)	(0.02) RESP FRA
		MERCURY	NA	NA	(0.003)	(0.025)	NA	NA	NA	(10)	
.2	Ventilation & Engineering Controls:	General mechanical (e.g., fans exhaust ventilation to effective product. Ensure appropriate de	ly remov	e and	prevent bu	uildup of v	apors or i	mist ger	nerated	from th	e handling of th
3.3	Respiratory Protection:	No special respiratory protection instances where mist or vapors use only protection authorized Canadian CAS Standard Z94.4 States, or Australia.	of this p by 29 (oroduct CFR §1	are genera 910.134,	ated, and applicable	respiratory U.S. Stat	protecti te regula	on is ne ations, (eded, or the	
3.4	Eye Protection:	Wear protective eyewear (e.g. product. Always use protectiv protection tested and approved 166(EU).	e eyewe	ar whe	n cleaning	spills or	leaks. Us	se equip	ment fo	or eye	0
3.5	Hand Protection:	Where contact is likely, impervic When handling large quantities									
.6	Body Protection:	No apron required when handl resistant apron, clothing and bo be available.									
		9. PHYSICAI	L & CI	HEMI	CAL P	ROPE	RTIES				
).1	Appearance:	Cylindrical battery									
.2	Odor:	No apparent odor (sealed). Man	danese (dioxide/	zinc powde	er is black	arev (brok	en).			
.3	Odor Threshold:	NA	0				J - J (- /			
.4	pH:	NA									
.5	Melting Point/Freezing Point:	NA									
.6	Initial Boiling Point/Boiling										
	Range:	NA									
9.7	Flashpoint:	NA									
.8	Upper/Lower Flammability Limits:	NA									
.9	Vapor Pressure:	NA									
0.10	Vapor Density:	NA									
.11	Relative Density:										
0.12	Solubility:	0.990-1.040 (at 25 °C)									
		Sealed electric battery: Insoluble	Э.								
0.13	Partition Coefficient (log Pow):	NA									
.14	Autoignition Temperature:	NA									
.15	Decomposition Temperature:	NA									
.16	Viscosity:	NA									
.17	Other Information:	NA									
		10. ST	ABILI	TY &	REAC	TIVITY	,				
0.1	Stability:	Stable under normal conditions;	unstable	e with he	eat or cont	amination.					
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO ₂).									
0.3	Hazardous Polymerization:	Will not occur.									
0.4	Conditions to Avoid:	Open flames, sparks, high heat,	incompa	atible su	bstances a	and direct	sunlight.				
10.5	Incompatible Substances:	Avoid extreme heat and ignition circuit or recharge.						exceed	heat, o	rush, d	isassemble, sho

HARBOR FREIGHT TOOLS Quality Tools at Ridiculously Low Prices

SAFETY DATA SHEET

Page 4 of 6 HFT-61274

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 4/30/2015

	-	11. TOXICOLOGICAL INFORMATION				
11.1	Routes of Entry:	Inhalation: NO 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,				
		available for some of the components of the product and is presented below:				
		Zinc Chloride: LD ₅₀ (oral, rat): 350 mg/kg; Manganese Dioxide: LD ₅₀ (oral, rat): 3,478 mg/kg				
11.3	Acute Toxicity:	See section 4.4				
11.4	Chronic Toxicity:	See section 4.5				
11.5	Suspected Carcinogen:	<u>Cadmium</u> is listed as ACGIH Group A2 (Suspected human carcinogen); IARC Group 1 (Carcinogenic to humans NTP13 Group 1 (Known human carcinogen); CA65 (cancer). <u>Lead</u> is listed as ACGIH Group A3 (Confirmed anim carcinogen with unknown relevance to human); IARC Group 2B (Possibly carcinogenic to humans); NTP13 Group (Reasonably Anticipated to be a Human Carcinogen); CA65 (cancer).				
11.6	Reproductive Toxicity:	This product contains Lead, which is suspected of causing 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 contains Lead, which is suspected of causing reproductive toxicity in humans.				
11.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.				
11.8	Biological Exposure Indices:	NA				
11.9	Physician Recommendations:	Treat symptomatically and supportively.				
		12. ECOLOGICAL INFORMATION				
12.1	Environmental Stability:	There are no specific data available for this product.				
12.2	Effects on Plants & Animals:	There are no specific data available for this product.				
12.3	Effects on Aquatic Life:	There are no specific data available for this product.				
40.4	Weste Disessel	13. DISPOSAL CONSIDERATIONS				
13.1 13.2	Waste Disposal:	Dispose of in accordance with federal, state, provincial and local regulations.				
13.2	Special Considerations:	NA				
		14. TRANSPORTATION INFORMATION				
		nber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addition e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.				
14.1	49 CFR (GND):	NOT REGULATED				
14.2	IATA (AIR):	NOT REGULATED				
14.3	IMDG (OCN):	NOT REGULATED				
14.4	TDGR (Canadian GND):	NOT REGULATED				
14.5	ADR/RID (EU):	NOT REGULATED				
14.5	SCT (MEXICO):	NOT REGULATED				
14.7	ADGR (AUS):	NOT REGULATED				
14.7	ADGIN (AUG).	NOT REGOLATED				
		15. REGULATORY INFORMATION				
15.1	SARA Reporting Requirements:	This product contains Lead and Zinc, substances subject to SARA Title III, section 313 reporting requirements.				
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.				
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory or are otherwise exempt.				
15.4	CERCLA Reportable Quantity	Zinc: 454 kg (1.000 lbs); Mercury: 0.454 kg (1.0 lbs)				
15.5	(RQ): Other Federal Requirements:	Zinc: 454 kg (1,000 lbs); <u>Mercury</u> : 0.454 kg (1.0 lbs) <u>Mercury</u> , <u>Lead</u> and <u>Cadmium</u> are listed as Hazardous Air Pollutants (HAPs) under the Clean Air Act (CAA). <u>Zinc</u> , <u>Cadmium</u> and <u>Mercury</u> are listed as Priority Pollutants under the Clean Water Act (CWA). <u>Zinc</u> , <u>Lead</u> , <u>Cadmium</u> and <u>Mercury</u> are listed as Toxic Pollutants under the CWA. This product does not contain any Class 1 or Class 2 ozone depletors.				
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the Safety Data Sheet contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects)				

SAFETY DATA SHEET

Page 5 of 6 HFT-61274

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 4/30/2015 15. REGULATORY INFORMATION – cont'd 15.7 State Regulatory Information: Lead can be found on the following state criteria list: California Proposition 65 (CA65), 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), and Washington Permissible Exposures List (WA). Manganese Dioxide is found on the following state criteria lists: IL, MA, PA, and RI. Zinc is found on the following state criteria lists: IL, MA, NJ, and PA. Mercury is found on the following state criteria lists: FL, MA, MI, MN, NJ, PA, WA, and WI. No other 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), Illinois Hazardous Substances List (IL), 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), Rhode Island Hazardous Substances List (RI), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. California law requires this warning be given to customers in the State of California. 15.8 Other Requirements: The primary component of this product is listed in Annex I of EU Directive 67/548/EEC: Zinc Chloride: Corrosive (C); Environmental Danger (N). Risk Phrases (R): 22-34-50/53 - Harmful if swallowed. Causes burns. Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment. Safety Phrases (S): 1/2-26-36/37/39-45-60-61 - Keep locked up and out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing/ gloves and eye/face protection. In case of accident or if you feel unwell seek medical advice immediately (show label where possible). This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/SDS. 16. OTHER INFORMATION Other Information: 16.1 WARNING! HARMFUL IF SWALLOWED. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Wash hands and exposed skin areas with soap and warm water thoroughly after handling. Do not eat, drink or smoke while sing this product. Avoid release to the environment. P280 – Wear protective gloves/eye protection. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Collect spillage. IF INGESTED: Call the NATIONAL BATTERY INGESTION HOTLINE at +1 (202) 625-3333 collect, day or night. In Canada, call +1 (416) 813-5900. KEEP OUT OF REACH OF CHILDREN. Terms & Definitions: 16.2 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 & Harbor Freight Tools USA, 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. 164 Prepared for: Harbor Freight Tools USA, Inc. 26541 Agoura Road HARBOR FREIGHT TOOL Calabasas, CA 91302 USA Quality Tools at Ridiculously Low Price Tel: +1 (805) 388-1000 http://www.harborfreight.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

SAFETY DATA SHEET

Page 6 of 6 HFT-61274

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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:

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CAS No.	Chemical Abstract Service Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
C	Ceiling Limit
ES	Exposure Standard (Australia)
IDLH	Immediately Dangerous to Life and Health
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.

HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard	HEALTH
1	Slight Hazard	FLAMMABILITY
2	Moderate Hazard	PHYSICAL HAZARDS
3	Severe Hazard	PERSONAL PROTECTION
4	Extreme Hazard	

PERSONAL PROTECTION RATINGS:

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D	B	E.J.	J			
Е			κ			
F			Х		r supervisor or ling directions.	
Sa	afety Glasses	Splash Goggles		e Shield & tive Eyewear	Gloves	5
	Boots	Synthetic Apron	Protec &	tive Clothing Full Suit	Dust Respi	rator
Full I	Face Respirator	Dust & Vapor Half- Mask Respirator		ull Face espirator	Airline Hood or SCB	
отн						

OTHER STANDARD ABBREVIATIONS:

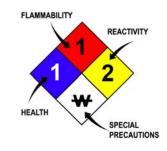
ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:					
Autoignition	Minimum temperature required to initiate combustion in air with no other				
Temperature	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
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
₩	Use No Water
OX	Oxidizer
TREFOIL	Radioactive



TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{Io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{lo} , LD _{lo} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC _o , LC _{lo} , & LC _o	
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 _{ow} or log K _{oc}	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
NOHSC	National Occupational Health and Safety Commission (Australia)
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)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

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Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

EC (67/548/EEC) INFORMATION:

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С	E	F	N	0	т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizina	Toxic	Irritant	Harmful

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

			\diamondsuit	A CONTRACT OF A				
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environ- ment