HARBOR FREIGHT TOOLS

# SAFETY DATA SHEET

Page 1 of 6 HFT-60438

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

SDS Revision: 1.1

SDS Revision Date: 7/29/2015

pared to OSHA, ACC, ANSI, NC														
	1	PRODUC			11751									
Product Name:		CAPACIT												
Chemical Name:	Paraffin Oil	0/11/10/1			.,		•/							
Synonyms:	P/N 60438													
Trade Names:	Haul-Master													
Product Uses & Restrictions:	Hydraulic Oil													
Distributor's Name:	,	nt Tools USA, Ir	nc											
Distributor's Address:	U	a Road, Calaba		2 USA										
8 Emergency Phone:	0	C: +1 (703)	,		n) 424	-930	) (CC	N 676	687)					
Business Phone / Fax:	+1 (805) 388-		021 00017	11 (000	<i>)</i> +2-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,					
		2 114												
1 Hazard Identification:	This product	Is classified as						s DAN	GEROI	IS G	חסכ	s		
	according to the DANGER!	he classification MAY BE FATA CAUSES SER Asp. Tox. 1, S nents (H): H304	n criteria of NC AL IF SWAL RIOUS EYE IR kin Irrit. 2, Eye	HSC: 108 LOWED RITATIOI Irrit. 2	88 (200 AND E N.	4) and ENTER	adg ( Sair	Code (A WAYS	Australia . CAU	<sup>a).</sup> JSES	SKI	N		
	irritation. H31 <u>Precautionary</u> water thoroug SWALLOWEE with plenty of Do NOT indu P362+P364 – EYES: Rinse	9 – Causes ser <u>Statements</u> (F hly after handl ): Immediately water. P321 – ice vomiting. F Take off conta cautiously with continue rinsing	rious eye irritat P): P264 – Wa ing. P280 – W call a POISO Specific treatr P332+P313 – uminated clothi n water for se P337+P313	ion. sh hands /ear prote N CENTE nent – Se If skin ir ng and wa veral min	and exective g ER/doct rritation ash it b outes. irritation	xposed loves/e tor. P3 ion 4 o occur pefore r Remov n persis	skin a sye pro 302+P3 f this S s: Get euse. ve cont sts: Ge	areas w otection 352 – I afety D medic P305+ tact Ier	vith soa . P301 IF ON \$ Data Sho al advid P351+F nses if   cal advid	p and +P31 SKIN: eet. F ce/atte 2338 - preser ce/atte	wari 0 – 1 Was 2331 ention - IF I nt an ention	m IF sh − n. N nd n.		
		IUCKEU UP. F	501 – Dispose		ents/ co	ontaine	r to an	appro	ved wa	ste di	spos	al		
	plant.	locked up. F	501 – Dispose		ents/ co	ontaine	r to an	appro	ved wa	ste di	spos	al		
	plant.			e of conte						ste di	spos	al		
	plant.			e of conte					ON		·			
	plant.			e of conte	ENT	INF	ORM			TS IN A	IR (mg			
	plant.			e of conte		INF SIH	ORM ∾	IATI EXPOSI	ON	TS IN A	IR (mg SHA			
	plant.			e of conte	ENT	INF SIH	ORM 	EXPOSI IOHSC		TS IN A	IR (mg			
	212011.	DMPOSITI	ION & INC	SREDI	ENT ACC PP TLV	INF SIH	ORM N ES-	EXPOSI IOHSC ppm ES-		TS IN A O F	IR (mg SHA opm TEL	g/m <sup>3</sup> )	отне	R
EMICAL NAME(S)	plant. <b>3. CC</b> <u>cas no.</u> 8012-95-1	PY8030000		GREDI		INF SIH m	ORM N ES-	IATI EXPOSI IOHSC ppm ES- STEL F		TS IN A O F EL S	IR (mg SHA opm TEL	g/m <sup>3</sup> )	OIL MIST	R
EMICAL NAME(S) RAFFIN OILS NS(2,4-DITERT-BUTYLPHENYL)	CAS No.           8012-95-1           Asp. Tox.1; H3	PY8030000	ION & INC	SREDI	ENT ACC PP TLV	STEL	ORM N ES- TWA	EXPOSION IOHSC ppm ES- STEL F (5)	ON URE LIMI ES- PEAK P NF (	TS IN A O F EL S 5) (	IR (mg SHA opm TEL	g/m <sup>3</sup> )		R
EMICAL NAME(S) RAFFIN OILS IS(2,4-DITERT-BUTYLPHENYL) IOSPHITE	CAS No.           8012-95-1           Asp. Tox.1; H3           31570-04-4           128-37-0	RTECS No.           PY8030000           304           NA           GO7875000	EINECS No. 232-384-2 250-709-6 204-881-4	e of conte SREDI % 60-100 1-5 0.5-1.5	ACC PP TLV (5)	SIH m STEL (10)	ORM N ES- TWA NF	IATIC EXPOSIONSC ppm ES- STEL F (5)	ON URE LIMI ES- PEAK P NF ( NF N	TS IN A O F EL S 5) ( IA I	IR (mg SHA ppm TEL 10)	(m <sup>3</sup> ) <u>IDLH</u> 2500		R
EMICAL NAME(S) RAFFIN OILS IS(2,4-DITERT-BUTYLPHENYL) OSPHITE	CAS No.           8012-95-1           Asp. Tox.1; H3           31570-04-4           128-37-0	RTECS No.           PY8030000           304           NA	EINECS No. 232-384-2 250-709-6 204-881-4	e of conte SREDI % 60-100 1-5 0.5-1.5	ENT ACC pp TLV (5) NA	SIH m STEL (10) NA	ORM N ES- TWA NF	IATIC EXPOSIONSC ppm ES- STEL F (5)	DN URE LIMI ES- PEAK P NF ( NF 1	TS IN A O F EL S 5) ( IA I	IR (mg SHA ppm TEL 10)	2/m <sup>3</sup> ) IDLH 2500 NA		R
IEMICAL NAME(S) ARAFFIN OILS RIS(2,4-DITERT-BUTYLPHENYL) 40SPHITE 6-DI-TERT-BUTYL-P-CRESOL	CAS No.           8012-95-1           Asp. Tox.1; H3           31570-04-4           128-37-0	RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410	% 60-100 1-5 0.5-1.5	ENT Acc pp TLV (5) NA	INF BIH m STEL (10) NA NA	ORM N ES- TWA NF	IATIC EXPOSIONSC ppm ES- STEL F (5)	DN URE LIMI ES- PEAK P NF ( NF 1	TS IN A O F EL S 5) ( IA I	IR (mg SHA ppm TEL 10)	2/m <sup>3</sup> ) IDLH 2500 NA		R
IEMICAL NAME(S) ARAFFIN OILS RIS(2,4-DITERT-BUTYLPHENYL) IOSPHITE	CAS No.           8012-95-1           Asp. Tox.1; H3           31570-04-4           128-37-0           Aquatic Acute	RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI	© of conte © REDI % 60-100 1-5 0.5-1.5 0 D MEA	ENT ACC PP TLV (5) NA NA	INF( 3IH m STEL (10) NA NA RES	ORM N ES- TWA NF NF	EXPOSIONESC ppm ES- STEL F (5) NF 10	ON URE LIMI ES- EAK P NF ( NF N NF N	IS IN A O F EL S 5) ( JA I JA I	IR (mg SHA ppm TEL 10) NA	IDLH 2500 NA NA		
IEMICAL NAME(S) ARAFFIN OILS RIS(2,4-DITERT-BUTYLPHENYL) HOSPHITE 3-DI-TERT-BUTYL-P-CRESOL	CAS No.           8012-95-1           Asp. Tox.1; H3           31570-04-4           128-37-0           Aquatic Acute           Ingestion:	DMPOSITI RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron 4.	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI JCE VOMITIN emergency t	* of conte * Of c	ENT ACC PP TLV (5) NA NA	INF BIH m STEL (10) NA NA RES emTrecer for a	ORM	IATII EXPOSIOHSC ppm ES- STEL F (5) NF 10 (703) nce an	DN URE LIMI ES- EAK P NF ( NF N NF N 527-38 d instru	IS IN A O F EL S 5) ( JA I JA I JA I 87 or sctions	IR (mg SHA ppm TEL 10) NA NA the s. Si	IDLH 2500 NA NA neare: eek in	OIL MIST	Cont
EMICAL NAME(S) RAFFIN OILS NS(2,4-DITERT-BUTYLPHENYL) IOSPHITE 3-DI-TERT-BUTYL-P-CRESOL	cas No.           8012-95-1           Asp. Tox.1; H3           31570-04-4           128-37-0           Aquatic Acute           Ingestion:           Eyes:	DMPOSITI RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron 1; Aquatic Chron 4. DO NOT INDU Center or loca attention. If v aspiration. If product gets holding eyelid(	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI JCE VOMITIN al emergency t omiting occurs in the eyes, f s) open to ens	of conte SREDI % 60-100 1-5 0.5-1.5 DMEA G. Conta elephone s spontan fush eyes ure comp	ENT ACC PP TLV (5) NA NA ASUF act Che number eously, s thoroublete flu	INF BIH m STEL (10) NA NA RES emTrecer for a , keep ughly v shing.	ORM	IATII EXPOS IOHSC Ppm ES- STEL F (5) NF 10 (703) nce an s head pious a	DN URE LIMI ES- PEAK P NF ( NF N NF N 527-38 d instru l lowere	FS IN A O F EL S 5) ( JA 1 JA 1 JA 1 JA 1 JA 1 JA 1 JA 1 JA 1	IR (mss SHA ppm TEL 10) NA NA the s. So warc	IDLH 2500 NA NA neare: eek in d) to r	St Poison ( nmediate n educe the least 15 m	Cont nedic risk
EMICAL NAME(S) RAFFIN OILS IS(2,4-DITERT-BUTYLPHENYL) IOSPHITE 3-DI-TERT-BUTYL-P-CRESOL	cas No.           8012-95-1           Asp. Tox.1; H3           31570-04-4           128-37-0           Aquatic Acute           Ingestion:           Eyes:           Skin:	DMPOSITI RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron 1; Aquatic Chron 4. DO NOT INDL Center or loca attention. If v aspiration. If product gets holding eyelid( use, consult a Remove conta	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI JCE VOMITIN al emergency t omiting occurs in the eyes, f s) open to ens physician or er iminated clothi	soft contents     SREDI     %     60-100     11-5     0.5-1.5     D     D     D     Conta elephone s spontan flush eyes ure comp mergency ng and w	ENT ACC PP TLV (5) NA NA NA ASUF act Che number leously, s thorous leously, room i vash aff	INF BIH m STEL (10) NA NA RES emTrecer for a , keep ughly v shing. mmedi fected	ORM	IATIC EXPOSE IOHSC Ppm ES- STEL F (5) NF 10 (703) nce an s head bious a eyes of with sc	DN URE LIMIT ES- PEAK P NF ( NF N NF N S27-38 d instru l lowere mounts face b pap and	FS IN A O F EL S 5) ( IA 1 IA 1 IA 1 IA 1 IA 1 IA 1 IA 1 IA 1	R (mg sha spm TEL 10) NA the s. So warco ater 1 e swo	IDLH 2500 NA NA nearea eek in d) to r for at ollen c	St Poison ( nmediate n educe the least 15 m during or fo	Cont nedio risk inute illowi
EMICAL NAME(S) RAFFIN OILS S(2,4-DITERT-BUTYLPHENYL) OSPHITE -DI-TERT-BUTYL-P-CRESOL	cas No.           8012-95-1           Asp. Tox.1; H3           31570-04-4           128-37-0           Aquatic Acute           Ingestion:           Eyes:           Skin:	DMPOSITI RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron 1; Aquatic Chron 4. DO NOT INDL Center or loca attention. If v aspiration. If product gets holding eyelid( use, consult a Remove conta prompt medica	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI JCE VOMITIN al emergency t omiting occurs in the eyes, f s) open to ens physician or en physician or en iminated clothi al attention. Do	SREDI     %     60-100     11-5     0.5-1.5     D     D     D     Conta elephone s spontan flush eyes ure comp mergency ng and w o not weal	ENT ACC PP TLV (5) NA NA NA ASUF act Che number reously, s thorously room i vash affr r contar	INF BIH m STEL (10) NA NA RES emTrecer for a , keep ughly v shing. mmedi fected minated	ORM	IATIC EXPOSE IOHSC Ppm ES- STEL F (5) NF 10 (703) nce an s head bious a eyes of with sc ng unti	DIRE LIMIT ES- PEAK P NF ( NF NF ( NF NF 1 S27-38 d instru l lowere mounts face b pap and l after it	FS IN A O F EL S 5) ( IA 1 IA 1 IA 1 IA 1 IA 1 IA 1 IA 1 IA 1	R (mg sHA sppm TEL 10) NA the s. So warco ater 1 e swo r. If peen	IDLH 2500 NA NA neares eek in d) to r for at ollen c irritati prope	St Poison ( nmediate n educe the least 15 m during or fo ion persists rly cleaned	Cont nedic risk inute llowi 3, se
EMICAL NAME(S) RAFFIN OILS S(2,4-DITERT-BUTYLPHENYL) OSPHITE -DI-TERT-BUTYL-P-CRESOL	Applant. 3. CCC CAS No. 8012-95-1 Asp. Tox.1; H3 31570-04-4 128-37-0 Aquatic Acute Ingestion: Eyes: Skin: Inhalation:	DMPOSITI RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron 1; Aquatic Chron 4. DO NOT INDU Center or loca attention. If v aspiration. If product gets holding eyelid( use, consult a Remove conta prompt medica Remove victim	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI JCE VOMITIN al emergency to omiting occurs is in the eyes, f s) open to ens physician or er iminated clothi al attention. Do n to fresh air	soft contents     SREDI     %     60-100     1-5     0.5-1.5     DMEA G. Conta elephone s spontan flush eyes ure comp mergency ng and w o not weat at once.	ENT ACC PP TLV (5) NA NA NA ASUF act Che numbe act Che numbe act Che numbe act Che numbe reously, s thorou blete flu r room i vash aff r contar If brea	INF BIH m STEL (10) NA NA RES emTrece er for a , keep ughly v shing. shing.	ORM ES- TWA S NF NF NF NF NF S at +1 assistar victim's vith cop If the ca ately. areas victor areas victor of the call of the coll of the call of the call o	IATIC EXPOSIONSC ppm ES- STEL F (5) NF 10 (703) nce an s head bious a eyes or with sc ng unti cult, ad	DN URE LIMI ES- PEAK P NF ( NF N S27-38 d instru lowere mounts face b pap and l after it ministe	TS IN A O F EL S 5) ( JA I JA I JA I JA I JA I JA I JA I JA I	R (mg sHA sppm TEL 10) NA the s. So warco ater 1 e swo r. If peen	IDLH 2500 NA NA neares eek in d) to r for at ollen c irritati prope	St Poison ( nmediate n educe the least 15 m during or fo ion persists rly cleaned	Continedia risk inute llowi
EMICAL NAME(S) RAFFIN OILS IS(2,4-DITERT-BUTYLPHENYL) OSPHITE -DI-TERT-BUTYL-P-CRESOL First Aid:	Asp. Tox.1; H3 31570-04-4 128-37-0 Aquatic Acute Ingestion: Eyes: Skin: Inhalation:	DMPOSITI RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron 1; Aquatic Chron 4. DO NOT INDL Center or loca attention. If v aspiration. If product gets holding eyelid( use, consult a Remove conta prompt medica	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI JCE VOMITIN al emergency t omiting occurs in the eyes, f s) open to ens physician or er iminated clothi al attention. Do n to fresh air a dical attention.	soft contents     SREDI     %     60-100     1-5     0.5-1.5     0     G. Conta elephone s spontan lush eyes ure comp mergency ng and w o not weat at once. If breath	ENT ACC PP TLV (5) NA NA ASUF act Che numbe act Che numbe act Che numbe room i vash aff r contar If breat ing stop	INF BIH m STEL (10) NA NA RES emTrece er for a , keep ughly v shing. mmedi fected minated athing ps, per	ORM ES- TWA S NF NF NF NF NF S S S S S S S S S S S S S	IATIC EXPOSIONSC ppm ES- STEL F (5) NF 10 (703) nce an s head bious a eyes or with sc ng unti cult, ad tificial	DN URE LIMI ES- PEAK P NF ( NF N NF N 527-38 d instru 1 lowere mounts face b pap and l after it ministe respirat	TS IN A O F EL S 5) ( JA I JA I JA I JA I JA I JA I JA I JA I	R (mg sHA sppm TEL 10) NA the s. So warco ater 1 e swo r. If peen	IDLH 2500 NA NA neares eek in d) to r for at ollen c irritati prope	St Poison ( nmediate n educe the least 15 m during or fo ion persists rly cleaned	Continedia risk inute llowi
EMICAL NAME(S) RAFFIN OILS IS(2,4-DITERT-BUTYLPHENYL) OSPHITE -DI-TERT-BUTYL-P-CRESOL First Aid:	Applant. 3. CCC CAS No. 8012-95-1 Asp. Tox.1; H3 31570-04-4 128-37-0 Aquatic Acute Ingestion: Eyes: Skin: Inhalation: Ingestion:	DMPOSITI RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron 1; Aquatic Chron 4. DO NOT INDU Center or loca attention. If v aspiration. If product gets holding eyelid( use, consult a Remove conta prompt medica Remove victim immediate med If product is sw	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI JCE VOMITIN al emergency to omiting occurs is in the eyes, f s) open to ensi physician or er iminated clothi al attention. Do n to fresh air a dical attention. vallowed, may	soft contents     SREDI     %     60-100     1-5     0.5-1.5     0     DMEA G. Conta elephone s spontan lush eyes ure comp mergency ng and w o not weat at once. If breath cause nat	ENT ACC PP TLV (5) NA NA NA ASUF act Che numbe act Che numbe act Che numbe act Che numbe act Che numbe act Che numbe reously, s thorou blete flu r room i vash aff r contar If breat ing stop usea, v	INF BIH m STEL (10) NA NA RES emTrece er for a , keep ughly v shing. mmedi fected minated athing ps, per romiting	ORM ES- TWA NF NF NF NF Cat +1 assistar victim's vith cop If the cately. areas v d clothi is diffic form ar g and/o	IATIC EXPOSIONSC ppm ES- STEL F (5) NF 10 (703) nce an s head bious a eyes or with sc ng unti cult, ad tificial or	DN URE LIMI ES- PEAK P NF ( NF N S27-38 d instru lowere mounts face b pap and l after it ministe respirational	IS IN A       O       F       EL     S       5)     (       JA     I       JA     I       JA     I       B7 or cr     Gr       ctionsed     (for       of wate     of wate       has b     r supp       on.     O	IR (mg SHA ppm TEL 10) NA the S. Sr warc ater 1 e swo r. If eeen olemo	IDLH 2500 NA NA NA neare: eek in d) to r for at ollen c irritati prope ental	St Poison ( nmediate n educe the least 15 m during or fo ion persists rly cleaned	Cont nedic risk inute llowi 3, se
EMICAL NAME(S) RAFFIN OILS IS(2,4-DITERT-BUTYLPHENYL) OSPHITE -DI-TERT-BUTYL-P-CRESOL	plant. 3. CC aspace of the second state of t	DMPOSITI RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron 1; Aquatic Chron 4. DO NOT INDU Center or loca attention. If v aspiration. If product gets holding eyelid( use, consult a prompt medica prompt medica Remove conta prompt medica Remove victim immediate med If product is sw May cause tran This product of	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI JCE VOMITIN al emergency to omiting occurs in the eyes, f s) open to ens physician or er minated clothi al attention. Do no to fresh air adical attention. wallowed, may insient mild-eye can cause mild	soft contents     SREDI     %     60-100     1-5     0.5-1.5     0     G. Conta elephone s spontan flush eyes ure comp mergency ng and w o not weal at once. If breath cause nate e irritation d, transie	ENT ACC PP TLV (5) NA NA NA ASUF act Che numbe leously, s thorous blete flu r contar f breat ing stop usea, v with sh nt skin	INF INF INA NA NA RES emTrece er for a , keep ughly v shing. mmedi fected minated athing ps, per omiting port-term irritatio	ORM	IATIC EXPOSIONESC PPM ES- STEL F (5) NF 10 (703) nce an s head pious a eyes or with sc ng unti cult, ad tificial or r diarrh act with	DR LIMI ES- PEAK P NF ( NF N S27-38 d instru lowere somounts face b pap and lafter it ministe respirationea. n liquid, eterm e	IS IN A       0       F       EL     S       5)     (       IA     I       IA     I       IA     I       B7 or ctions       ctions       d (for       of wate       has b       r suppon.       spray       xposu	IR (mg SHA ppm TEL 10) NA the s. Sr warc ater 1 een blem or m re. 1	IDLH 2500 NA NA NA neares eek in d) to r for at ollen c irritati prope ental o	St Poison ( nmediate n educe the least 15 m during or fo sion persists rly cleaned oxygen and roduct can	Cont nediu risk inute llowi s, se d se
EMICAL NAME(S) RAFFIN OILS IS(2,4-DITERT-BUTYLPHENYL) OSPHITE -DI-TERT-BUTYL-P-CRESOL	plant. 3. CC CAS No. 8012-95-1 Asp. Tox.1; HG 31570-04-4 128-37-0 Aquatic Acute Ingestion: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation:	DMPOSITI RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron 1; Aquatic Chron 4. DO NOT INDU Center or loca attention. If v aspiration. If product gets holding eyelid( use, consult a prompt medica prompt medica prompt medica Remove victim immediate med If product is sw May cause trar This product c allergic skin rea No significant Aspiration of L	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI JCE VOMITIN al emergency to omiting occurs in the eyes, f s) open to ens physician or er minated clothi al attention. Do no to fresh air a dical attention.		ENT Acco PP TLV (5) NA NA NA NA ASUF act Che number eously, s thorou- plete flu r contai r contai If breat ing stop usea, v with sh nt skin elts, der are ex	INF INF INF INF INF INF INF INF	ORM	IATIC EXPOSIONESC PPM ES- STEL F (5) NF 10 (703) nce an s head pious a eyes or with sc ng unti cult, ad tifficial r r diarrh act with short- prolon ccur up	DIRE LIMIT	IS IN A       0       F       EL     S       5)     (       IA     I       IA     I       IA     I       B7 or     r       rctions     r       d (for     of wate       has b     r       suppose     r       suppose     r       suppose     r	IR (mg SHA ppm TEL 10) NA the s. So ward ater to cor m re. If peen of m re. T red e m ex	IDLH 2500 NA NA NA neares eek in d) to r for at prope ental o irritati prope ental o	OIL MIST st Poison ( nmediate n reduce the least 15 m during or fo ion persists rly cleaned oxygen and roduct can re. e to this p	Cont nedia risk inutæ llowi s, se d se cau rodu
EMICAL NAME(S) RAFFIN OILS IS(2,4-DITERT-BUTYLPHENYL) OSPHITE -DI-TERT-BUTYL-P-CRESOL First Aid: Effects of Exposure:	Asp. Tox. 1; H3 3. CC 8012-95-1 Asp. Tox. 1; H3 31570-04-4 128-37-0 Aquatic Acute 128-37-0 Aquatic Acute 1128-37-0 Aquatic Acute 1128-37-0 Aquatic 112	DMPOSITI RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron 1; Aquatic Chron 4. DO NOT INDU Center or loca attention. If v aspiration. If product gets holding eyelid( use, consult a prompt medica prompt medica prompt medica Remove victim immediate medo If product is sw May cause trar This product of allergic skin rea No significant Aspiration of I headaches and	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI JCE VOMITIN I emergency to omiting occurs in the eyes, f s) open to ens physician or er iminated clothi al attention. Do no to fresh air a dical attention.		ENT Accorport (5) NA NA NA NA ASUF act Che number eously, s thorous plete flu r contar If brea ing stop usea, v with sh nt skin elts, den are ex an cau	INF BIH m STEL (10) NA NA NA RES emTrece er for a , keep ughly v shing. mmedi fected minated athing ps, perf omiting port-tern irritation rmatitis spected se sev	ORM	IATIC EXPOSIONESC DOHSC PPM ES- STEL F (5) NF 10 (703) nce an s head pious a eyes of with sc ng unti cult, ad trificial f r diarrh act with short- prolon ccur up ng dar	DIRE LIMIT	IS IN A       0         F       S         EL       S         5)       (         IA       1         IA     <	IR (mg SHA ppm TEL 10) NA the s. So ward ater to cor m re. If peen of m re. T red e m ex	IDLH 2500 NA NA NA neares eek in d) to r for at prope ental o irritati prope ental o	OIL MIST st Poison ( nmediate n reduce the least 15 m during or fo ion persists rly cleaned oxygen and roduct can re. e to this p	Cont nedia risk inuta llowi 3, se d se cau
EMICAL NAME(S) RAFFIN OILS IS(2,4-DITERT-BUTYLPHENYL) OSPHITE -DI-TERT-BUTYL-P-CRESOL First Aid:	Asp. Tox.1; H3 CAS No. 8012-95-1 Asp. Tox.1; H3 31570-04-4 128-37-0 Aquatic Acute Ingestion: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation:	DMPOSITI RTECS No. PY8030000 304 NA GO7875000 1; Aquatic Chron 1; Aquatic Chron 4. DO NOT INDU Center or loca attention. If v aspiration. If product gets holding eyelid( use, consult a prompt medica prompt medica prompt medica Remove victim immediate med If product is sw May cause trar This product c allergic skin rea No significant Aspiration of L	EINECS No. 232-384-2 250-709-6 204-881-4 ic 1; H400, H410 FIRST AI JCE VOMITIN I emergency t omiting occurs in the eyes, f s) open to ens physician or er minated clothi al attention. Do n to fresh air dical attention. Do n to resh air dical attention. Do n attention attention. Do n attention attention. Do n attention attention attention. vallowed, may		ENT Accorport TLV (5) NA NA NA NA ASUF act Che number teously, s thorous plete flu r contar If breat ing stop usea, v with shin elts, den are ex an cau	INF BIH m STEL (10) NA NA NA RES emTrece er for a , keep ughly v shing. mmedi fected minated athing ps, perf irritation reations ps, perf irritation ps,	ORM ES- TWA S NF NF NF NF NF NF NF NF Cat +1 assistar victim's vith cop If the e ately. areas v d clothi is diffici form ar g and/o m conta on with ) upon d to occ rere lur nd wate	IATIC EXPOSIONESC PPM ES- STEL F (5) NF 10 (703) nce an s head pious a eyes or with sc pious a eyes or with sc pious a eyes or with sc trificial i r diarrh act witth s hort- prolon ccur up ng dar ering.	DIRE LIMI ES- EAK P EAK P I ( NF NF ( NF NF ( NF NF ) 527-38 d instru 527-38 d instru 1 lowered amounts r face b bap and l after it ministe respirati respirati nea. n liquid, term e, ged or n ion sho nage o	TS IN A O F EL S 5) ( IA I IA I IA I IA I IA I IA I IA I IA	R (mg SHA ppm TEL 10) NA the S. So warc r. If reen the cor m re. T red e n ex th.	IDLH 2500 NA NA NA neares eek in d) to r for at prope ental of irritati prope ental of hist.	OIL MIST st Poison ( nmediate n reduce the least 15 m during or fo ion persists rly cleaned oxygen and roduct can re. e to this p siness, diz	Cont nedii risk illowi s, se d se cau rodu zine:

HFT-60438

1

1

0

Х

Page 2 of 6 SAFETY DATA SHEET HARBOR FREIGHT TOOLS Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 7/29/2015 4. FIRST AID MEASURES 44 Acute Health Effects: Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea 4.5 Chronic Health Effects Contains a petroleum-based mineral oil. Prolonged or repeated skin contact can cause mild irritation and inflammation characterized by drying, cracking, (dermatitis) or oil acne. Repeated or prolonged inhalation of petroleum-based mineral oil mists at concentrations above applicable workplace exposure levels can cause respiratory irritation or other pulmonary effects. Eyes, Skin, Respiratory System, Central Nervous System (CNS). 4.6 Target Organs: 4.7 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the HEALTH Aggravated by Exposure target organs (eyes, skin, and respiratory system). FLAMMABILITY **PHYSICAL HAZARDS PROTECTIVE EQUIPMENT** EYES SKIN LUNGS 5. FIREFIGHTING MEASURES 5.1 Fire & Explosion Hazards: This material can burn but will not readily ignite. This material will release vapors when heated above the flash point temperature that can ignite when exposed to a source of ignition. In enclosed spaces, heated vapor can ignite with explosive force. Mists or sprays may burn at temperatures below the flash point. Carbon dioxide, carbon monoxide, smoke, fumes, unburned hydrocarbons and trace oxides of sulfur, phosphorus, zinc and nitrogen. Also, depending upon the conditions of use, low concentrations of hydrogen sulfide can be released. 5.2 Extinguishing Methods Dry Chemical, Foam, Carbon Dioxide, Water Fog. 5.3 **Firefighting Procedures** Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. 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 Protective Equipment. For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water. 7. HANDLING & STORAGE INFORMATION 7.1 Work & Hygiene Practices: Use normal hygiene practices. Avoid breathing vapors. Avoid direct skin contact. Wash hands thoroughly after using this product and before eating, drinking, or smoking. 7.2 Storage & Handling: Use and store in a cool, dry, well-ventilated area. Keep away from excessive heat, open flames, sparks, and other possible sources of ignition. Do not store in unmarked containers or storage devices. Recommended maximum shelf life: 36 months. 7.3 Special Precautions: Empty containers may contain product residue. Do not pressurize, cut, heat or weld empty containers. Do not reuse empty containers without commercial cleaning or reconditioning.

## SAFETY DATA SHEET

Page 3 of 6 HFT-60438

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 7/29/2015 8. EXPOSURE CONTROLS & PERSONAL PROTECTION Exposure Limits: ACGIH NOHSC 8.1 OSHA OTHER ppm (mg/m<sup>3</sup>) CHEMICAL NAME(S) TLV STEL ES-TWA ES-STEL ES-PEAK PEL STEL IDLH OIL MIST PARAFFIN OILS (5) (10) NF (5) NF (5) (10) 2500 2,6-DI-TERT-BUTYL-P-CRESOL NA NA NF 10 NF NA NA NA 8.2 Ventilation & Engineering The use of mechanical dilution ventilation is recommended to maintain airborne concentrations below the recommended Controls: occupational exposure limits, whenever this material is used in a confined space, is heated above normal temperatures (up to 38 °C) or is agitated. 8.3 Respiratory Protection: Vaporization or misting is not expected at ambient temperatures. Therefore, the need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSHapproved organic vapor respirator equipped with a dust/mist pre-filter should be used. Protection factors vary depending upon the type of respirator used. Respirators should be used in accordance with OSHA requirements (29 CFR 1910.134). Eye Protection: Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this 8.4 product. Always use protective eyewear when cleaning spills or leaks. Wear goggles and/or face shield if splashing or spraying is anticipated. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants. Have suitable eve wash water available. Use equipment for eve protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU) 85 Hand Protection Use gloves constructed of chemical-resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states. 8.6 Body Protection: Avoid prolonged and/or repeated skin contact. Use clean and impervious protective clothing (e.g., neoprene or Tyvek®) if splashing or spraying conditions are present. Protective clothing should Tea include long-sleeves, apron, boots and additional facial protection. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA. 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Appearance: Transparent rose-colored liquid 9.2 Odor: Mild petroleum odor 9.3 Odor Threshold: NA pH: 9.4 NA Melting Point/Freezing Point: 9.5 - 41.0 °C (- 41.8) °F Initial Boiling Point/Boiling 9.6 NA Range: 97 Flashpoint: 176 °C (348.8 °F) 9.8 Upper/Lower Flammability NA Limits: 99 Vapor Pressure: NA 9 10 Vapor Density: NA  $0.8345 \,\mathrm{a/cm^{3}}$ 9.11 Relative Density: 9.12 Solubility: Insoluble 9.13 Partition Coefficient (log Pow): NA 9.14 Autoignition Temperature 206 °C (402.8 °F) 9.15 Decomposition Temperature: NA 9.16 Viscosity 13.83 mPa 9.17 Other Information: NA 10. STABILITY & REACTIVITY 10.1 Stability: Stable at normal temperatures. 10.2 Hazardous Decomposition Fumes, smoke, carbon monoxide, silicon oxides. Products: Hazardous Polymerization: 10.3 Will not occur. 10.4 Conditions to Avoid: Open flames, sparks, high heat, and close proximity to incompatible substances Incompatible Substances: 10.5 Strong oxidizing agents

HARBOR FREIGHT TOOLS

# SAFETY DATA SHEET

Page 4 of 6 **HFT-60438** 

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

SDS Revision: 1.1 SDS

SDS Revision Date: 7/29/2015

11.1	Routes of Entry:	Inhalation:         NO         Absorption:         YES         Ingestion:         YES
1.2	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:
		Based on animal testing from similar materials & products, the acute toxicity of this product is expected to be: Parafit <u>Oil</u> – LD <sub>50</sub> (oral, rat) > 5,000 mg/kg. <u>2.6-Di-tert-Butyl-p-Cresol</u> - LD <sub>50</sub> (oral, mouse) > 850 mg/kg
11.3	Acute Toxicity:	Mineral oil mists derived from highly refined oils are reported to have low acute and sub-acute toxicities in anima Effects from single and short-term repeated exposures to high concentrations of mineral oil mists well above applicat workplace exposure levels include lung inflammatory reaction, lipoid granuloma formation and lipoid pneumonia. In acu and sub-acute studies involving exposures to lower concentrations of mineral oil mists at or near current work place exposure levels produced no significant toxicological effects.
11.4	Chronic Toxicity:	NA
11.5	Suspected Carcinogen:	NA
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 produce teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to produce reproductive effects in humans.
11.7	Irritancy of Product:	See Section 4.3
11.8	Biological Exposure Indices:	NE
11.9	Physician Recommendations:	Treat symptomatically.
		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.
0.4	Wests Disease	13. DISPOSAL CONSIDERATIONS
13.1	Waste Disposal:	Dispose of in accordance with federal, state, provincial and local regulations.
13.2	Special Considerations:	NA
		14. TRANSPORTATION INFORMATION
The desc	basic description (ID Nun criptive information may be	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
14.6	SCT (MEXICO):	NOT REGULATED
14.7	ADGR (AUS):	NOT REGULATED
	·	
		15. REGULATORY INFORMATION
15.1	SARA Reporting Requirements:	This product does not contain any 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 (RQ):	NA
15.5	Other Federal Requirements:	None of the ingredients are listed as Hazardous Air Pollutants (HAPs). None of the ingredients are listed as Too Pollutants under the Clean Water Act (CWA). None of the ingredients are listed as Priority Pollutants under the Clear Water Act (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 SDS 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-60438** 

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

SDS Revision: 1.1 S

SDS Revision Date: 7/29/2015

		15. REGULATORY INFO	RMATION – cont'd
15.7	State Regulatory Information:	Hazardous Substances List (MN) and Washington No other ingredients in this product, present in a criteria lists: California Proposition 65 (CA65), I List (FL), Massachusetts Hazardous Substances Substances List (MN), New Jersey Right-to-Kno	ria lists: Massachusetts Hazardous Substances List (MA), Minnesota n Permissible Exposures List (WA). concentration of 1.0% or greater, are listed on any of the following state Delaware Air Quality Management List (DE), Florida Toxic Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous w List (NJ), New York Hazardous Substances List (NY), Pennsylvania Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	damage if swallowed. Safety Phrases (S): 53-4	isted in Annex I of EU Directive 67/548/EEC: 6-65 – Irritating to eyes. Harmful: may cause lung 45 – Avoid exposure – obtain special instructions Inwell seek medical advice immediately (show the
		16. OTHER INFO	DRMATION
16.1	Other Information:	SERIOUS EYE IRRITATION. Wash hands and e Wear protective gloves/eye protection. IF SWAL vomiting. IF ON SKIN: Wash with plenty of wa contaminated clothing and wash it before reuse. contact lenses if present and easy to do. Continu	AND ENTERS AIRWAYS. CAUSES SKIN IRRITATION. CAUSES exposed skin areas with soap and warm water thoroughly after handling. LOWED: Immediately call a POISON CENTER/doctor. Do NOT induce ater. If skin irritation occurs: Get medical advice/attention. Take off IF IN EYES: Rinse cautiously with water for several minutes. Remove ue rinsing. If eye irritation persists: Get medical advice/attention. Store approved waste disposal plant. KEEP OUT OF REACH OF CHILDREN.
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	government regulations must be reviewed for an Tools USA, Inc.'s knowledge, the information accuracy, suitability or completeness is not guar provided. The information contained herein rela	SHA's Hazard Communication Standard, 29 CFR §1910.1200. Other oplicability to this product. To the best of ShipMate's & Harbor Freight contained herein is reliable and accurate as of this date; however, anteed and no warranties of any type, either expressed or implied, are ates only to the specific product(s). If this product(s) is combined with be considered. Data may be changed from time to time. Be sure to
16.4	Prepared for:	Harbor Freight Tools USA, Inc. 26541 Agoura Road Calabasas, CA 91302 USA Tel: +1 (805) 388-1000 http://www.harborfreight.com/	HARBOR FREIGHT TOOLS Quality Tools at Ridiculously Low Prices
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-60438

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

SDS Revision: 1.1

SDS Revision Date: 7/29/2015

### **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:**

Г CAS No. Chemical Abstract Service Number

EXPOSURE LIMITS IN AIR:								
ACGIH	American Conference on Governmental Industrial Hygienists							
С	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 M	EASURES:							

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

HMIS	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:

LEL UEL

Α					G		0	E			
в					н		8	E		品	
С	0		1		I		0	E	)		
D	B		1		J		0	E	)	Î	
Е					к			E			
F			P.		Х		consult pecial l				r SOPs fo s.
Sa	fety Glasse	es	Splash	Goggles			Shield 8 e Eyew			Glove	) es
	Boots		Synthetic Apron				e Cloth	ing	Dı	Ist Res	pirator
			8	3		E				Î	
Full I	ace Respi	rator		apor Half- espirator			Face birator		Airl	ine Hoo or SC	od/Mask BA
отн	ER STAN	DARD		VIATIONS							
	ML	Maxim	um Limit								
	mg/m3	milligra	ams per cu	ubic meter							
	NA	Not Av	ailable								
	ND	Not De	etermined								
	NE	Not Es	tablished								
	NF	Not Fo	ound								
	NR	No Re	sults								

Autoignition Minimum temperature required to initiate combustion in air with no other source of ignition								
FLAMMABILITY LIMITS IN AIR:								
NATIONAL FI	RE PROTECTION ASSOCIATION: NFPA							
SCBA	Self-Contained Breathing Apparatus							
ppm	ppm parts per million							
NR	NR No Results							
NF	Not Found							
NE	Not Established							

Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source  $% \left( {{{\rm{D}}_{\rm{T}}}} \right) = 0$ 

Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

	ALł	Alkaline					·•• 🗸	
	COF	R Corrosive	e				**	
	¥	Use No \	Water			EALIH	X so	ECIAL
	0)	<b>K</b> Oxidizer						ECAUTIONS
	TREFOIL							
e heart has	TOXICOL	OGICAL II						
ulate blood		LD	50 Lethal	Dose (solids &	& liquids) wh	iich kills 50%	of the expos	sed animals
		LC	Lethal	concentration	(gases) whi	ch kills 50% d	of the expose	d animal
		рр		ntration expres	,			
		TC	D <sub>Io</sub> Lowest	dose to cause	e a sympton	1	î	
		TCL	.o Lowest	concentration	to cause a	symptom		
S		LD <sub>lo</sub> , & LD <sub>o</sub>		dose (or cond	centration) to	o cause letha	I or toxic effe	cts
	TC, TC	Co, LC <sub>10</sub> , & LC						
CTION		IAR		tional Agency		h on Cancer		
		NT RTEC		al Toxicology I y of Toxic Effe	-	nical Substan	0.005	
		BC		centration Fac		lical Substall	Ces	
		TL		threshold lim				
	log K	Kow or log K		ient of Oil/Wat		on		
						-		
	WHMIS			Hazardous N	laterial Infor	mation Syste	m	
6.6	DO	I U.S. Dep	partment of	Fransportation				
	т	Transpor	rt Canada					
	EPA	U.S. Env	rironmental I	Protection Age	ency			
	DSI	Canadia	n Domestic	Substance Lis	t			
66	NOHSO	S National	Occupation	al Health and	Safety Com	mission (Aus	tralia)	
	NDSI			estic Substanc	e List			
	PSI			bstances List				
	TSCA			e Control Act	Directive 67			
or SOPs for ns.	WGł			ropean Union klassen (Germ		,		
	HMIS-II		-	itings Associa			Identification	System
W								-
		_	-		-	_		-
ves					<b>A</b>			
	${ \bigcirc }$	Y	U	Ś	U	Ś		W
I.			<u> </u>		<u> </u>			
spirator	Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
	Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive
			Ū					
ood/Mask	EC (07/34	8/EEC) INI				l	1	
СВА	-		\$.	XY.				
	* *		100	×2	0		X	X
	С	Е	F	N	0	т	Xi	Xn
	Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful
		-		TOGRAMS	\$			
		(12/2/200	0/20/110	TOORAMO				
	A CONTRACT							ALL
			<b>U</b>		*) (\$ <sup>99</sup>	<u>&gt;</u> </th <th></th> <th></th>		
		$\mathbf{\mathbf{v}}$	✓ [ ]	✓   `	<ul> <li>I</li> </ul>		$\mathbf{v}$	
								-

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						
ох	Oxidizer						
TREFOIL	Radioactive						



		3				
	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> , LI	D <sub>io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects				
TC, TC₀,	LC <sub>Io</sub> , & LC <sub>o</sub>					
	IARC	International Agency for Research on Cancer				
	NTP	National Toxicology Program				
	RTECS	Registry of Toxic Effects of Chemical Substances				
	BCF	Bioconcentration Factor				
	TL <sub>m</sub>	Median threshold limit				
log Kov	<sub>v</sub> or log K <sub>oc</sub>	Coefficient of Oil/Water Distribution				
REGULATO	ORY INFOR	MATION:				
WHMIS	Canadian W	/orkplace Hazardous Material Information System				
DOT	U.S. Depart	ment of Transportation				
тс	Transport C	anada				
EPA	U.S. Enviror	nmental Protection Agency				
DSL Canadian Domestic Substance List						
NOHSC	National Oc	cupational Health and Safety Commission (Australia)				
NDSL	Canadian N	on-Domestic Substance List				
PSL	Canadian P	riority Substances List				
TSCA	U.S. Toxic S	Substance Control Act				

WORKFEACE HAZARDOUS WATERIALS IDENTIFICATION (WHIMIS) STSTEM.											
$\bigcirc$	۲			Ð	۲						
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 (67/54	EC (67/548/EEC) INFORMATION:										

		×	¥	8	<u></u>	×	×
с	E	F	N	0	т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

			$\Diamond$			$\diamond$		
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment