

	10-22			
Version 2.0	Revision Date: 2022-12-20		e of last issue: 2021-10-19 e of first issue: 2021-10-19	Print Date: 2022-12-21
SECTION	1. IDENTIFICATION			
Produ	ict name	:	HYPAR FG-22	
Article	e-No.	:	340250	
Other	means of identification	:	No data available	
Manu	facturer or supplier's	deta	ils	
Comp	oany name of supplier	:	Klüber Lubrication NA LP 9010 County Road 2120 Tyler, Texas 75707 USA Phone: +1 903 534-8021 Fax: +1 903 581-4376 32 Industrial Drive Londonderry, NH 03053 USA Phone: +1 603 647-4104 Fax: +1 603 647-4106	
	il address of person nsible for the SDS	:	mcm@us.kluber.com Material Compliance Management	
Emer numb	gency telephone er	:	+1-517-545-7070 NCEC	
Reco	mmended use of the o	chen	nical and restrictions on use	
Reco	mmended use	:	Lubricating oil	
Restri	ictions on use	:	Restricted to professional users.	

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

Reproductive toxicity	: Category 2	
GHS label elements		
Hazard pictograms		
Signal word	: Warning	
		a brand of





Version 2.0	Revision Date: 2022-12-20	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2022-12-21	
Hazar	d statements	: Suspected of damaging fertility.		
Preca	utionary statements	 Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/ protective clothing/ eye protection/ face protection. 		
		Response: IF exposed or concerned: Get medic	al advice/ attention.	
		Storage: Store locked up.		
		Disposal: Dispose of contents/ container to an plant.	approved waste disposal	
Other	hazards			

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Mineral oil.

Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
White mineral oil (petroleum)	White mineral oil (petroleum)	8042-47-5	Trade secret** (>= 60 - < 80 *)
White mineral oil (petroleum)	White mineral oil (petroleum)	8042-47-5	Trade secret** (>= 10 - < 30 *)
Benzenamine, N- phenyl-, reaction products with 2,4,4- trimethylpentene	Benzenamine, N-phenyl-, reaction products with 2,4,4- trimethylpenten e	68411-46-1	Trade secret** (>= 0.1 - < 1 *)

* Actual concentration or concentration range is withheld as a trade secret





Version 2.0	Revision Date: 2022-12-20		e of last issue: 2021-10-19 e of first issue: 2021-10-19	Print Date: 2022-12-21	
If inhaled		:	 Obtain medical attention. Remove person to fresh air. If signs/symptoms continue, g medical attention. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. 		
In case of skin contact		:	Remove contaminated clothing. If irritation develops, get medical attention. In case of contact, immediately flush skin with plenty of water.		
In case of eye contact		:	Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. If eye irritation persists, consult a specialist.		
If swa	allowed	:	Move the victim to fresh air. Do NOT induce vomiting. Rinse mouth with water.		
	important symptoms effects, both acute and /ed	:	No information available. None known.		
Note	s to physician	:	No information available.		

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	:	High volume water jet
Hazardous combustion products	:	Carbon oxides
Further information	:	Standard procedure for chemical fires.
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Exposure to decomposition products may be a hazard to health.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions,	:	Evacuate personnel to safe areas.
protective equipment and		Use personal protective equipment.
emergency procedures		Refer to protective measures listed in sections 7 and 8.





Version 2.0	Revision Date: 2022-12-20	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2022-12-21
Envi	ronmental precautions	 Try to prevent the material from encourses. Prevent further leakage or spillage Local authorities should be advise cannot be contained. 	e if safe to do so.
	nods and materials for ainment and cleaning u	: Contain spillage, and then collect absorbent material, (e.g. sand, ea vermiculite) and place in containe local / national regulations (see se	rth, diatomaceous earth, r for disposal according to

SECTION 7. HANDLING AND STORAGE

Advice on safe handling :	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Wash hands and face before breaks and immediately after handling the product. Do not get in eyes or mouth or on skin. Do not get on skin or clothing.
Conditions for safe storage :	Store in original container. Keep container closed when not in use. Keep in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with the particular national regulations. Keep in properly labelled containers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
White mineral oil (petroleum)	8042-47-5	TWA (Mist)	5 mg/m3	CA AB OEL (2009-04-30)
		STEL (Mist)	10 mg/m3	CA AB OEL (2009-04-30)
		TWAEV (Mist)	5 mg/m3	CA QC OEL (2012-11-28)
		STEV (Mist)	10 mg/m3	CA QC OEL (2012-11-28)
		TWA (Mist)	1 mg/m3	CA BC OEL (2012-04-20)





sion		Date of last issue: 2021-10-19 Date of first issue: 2021-10-19		Print Date: 2022-12-21		
			TWA (Mist)	1 mg/m3	CA BC OE (2021-01-	
			TWA (Inhalable particulate matter)	5 mg/m3	ACGIH (2013-03-	
White	e mineral oil (petroleum)	8042-47-5	TWA (Mist)	5 mg/m3	CA AB OE (2009-04-	
			STEL (Mist)	10 mg/m3	CA AB OE (2009-04-	
			TWAEV (Mist)	5 mg/m3	CA QC OI (2012-11-	
			STEV (Mist)	10 mg/m3	CA QC OI (2012-11-	
			TWA (Mist)	1 mg/m3	CA BC OE (2012-04-	
			TWA (Mist)	1 mg/m3	CA BC OE (2021-01-	
			TWA (Inhalable particulate matter)	5 mg/m3	ACGIH (2013-03-	
Engiı	neering measures	: Handle onl appropriate	y in a place equipp e exhaust).	bed with local exh	aust (or other	
Perso	onal protective equipme	ent				
Resp	iratory protection	: Not require	ed; except in case	of aerosol formati	on.	
Fil	ter type	: Filter type	A-P			
Ma Br	protection aterial eak through time otective index	: Nitrile rubb : > 10 min : Class 1	er			
Re	emarks	amongst o	ective gloves. The ther things on the r ther things on the r ve and therefore h	material, the thick	ness and the	
Eye p	protection	: Safety glasses with side-shields				
Skin a	and body protection	concentrat	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.			
Prote	ctive measures	to the cond	The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.			





Version 2.0	Revision Date: 2022-12-20	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19		Print Date: 2022-12-21
Hygie	ene measures	:	Wash face, hands and any expos handling.	ed skin thoroughly after
SECTION	9. PHYSICAL AND CH	IEMIC	CAL PROPERTIES	
Appe	arance	:	liquid	
Colou	ır	:	yellow	
Odou	ır	:	mild, hydrocarbon-like	
Odou	ır Threshold	:	No data available	
рН		:	Not applicable	
Meltir	ng point/range	:	No data available	
Boilin	g point/boiling range	:	No data available	
Flash	point	:	>= 185 °C	
			Method: open cup	
Evap	oration rate	:	No data available	
Flam	mability (solid, gas)	:	Not applicable	
Self-i	gnition	:	No data available	
	r explosion limit / Upper nability limit	r:	No data available	
	Lower explosion limit / Lower flammability limit		No data available	
Vapo	Vapour pressure		< 0.001 hPa (20 °C)	
Relat	ive vapour density	:	No data available	
Relat	ive density	:	0.851 (20 °C) Reference substance: Water The value is calculated	





Versi 2.0	ion	Revision Date: 2022-12-20		of last issue: 2021-10-19 of first issue: 2021-10-19	Print Date: 2022-12-21
I	Bulk density		:	No data available	
:	Solubility(ies) Water solubility		:	insoluble	
	Sol	ubility in other solvents	s :	No data available	
		on coefficient: n- I/water	:	No data available	
	Auto-ig	nition temperature	:	No data available	
I	Decorr	position temperature	:	No data available	
,	Viscos Vise	ity cosity, dynamic	:	No data available	
	Vise	cosity, kinematic	:	22 mm2/s (40 °C)	
I	Explos	ive properties	:	Not explosive	
		ng properties	:	No data available	
;	Sublim	ation point	:	No data available	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No hazards to be specially mentioned.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	No conditions to be specially mentioned.
Incompatible materials	:	No materials to be especially mentioned.
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity	:	Remarks: This information is not available.
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ersion D	Revision Date: 2022-12-20	Date of last issue: 2021-10-19 Date of first issue: 2021-10-19	Print Date: 2022-12-21	
Acute	inhalation toxicity	: Remarks: This information is no	ot available.	
Acute	e dermal toxicity	: Remarks: This information is no	ot available.	
<u>Com</u>	<u>ponents:</u>			
White	e mineral oil (petrole	n):		
Acute	e oral toxicity	: LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline	401	
Acute	inhalation toxicity	: LC50 (Rat): > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline Assessment: The substance or inhalation toxicity		
Acute	e dermal toxicity	: LD50 (Rabbit): > 2,000 mg/kg Method: OECD Test Guideline Assessment: The substance or toxicity		
White	e mineral oil (petrole	n):		
Acute	e oral toxicity	: LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline GLP: yes	401	
Acute	inhalation toxicity	 LC50 (Rat): > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline GLP: yes Assessment: The substance or inhalation toxicity 		
Acute	e dermal toxicity	 LD50 (Rabbit): > 2,000 mg/kg Method: OECD Test Guideline GLP: yes Assessment: The substance or toxicity 		
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:				
Acute	e oral toxicity	: LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline	401	
Acute	e dermal toxicity	: LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline Assessment: The substance or toxicity		



SAFETY DATA SHEET



sion	Revision Date: 2022-12-20	Date of last issue Date of first issue		Print Date: 2022-12-21
Skin	corrosion/irritation			
Prod	uct:			
Rema		· This informa	tion is not available.	
Rema	1185	. This informa	tion is not available.	
<u>Com</u>	ponents:			
White	e mineral oil (petrol	um):		
Speci		: Rabbit		
	ssment	: No skin irrita		
Metho			Guideline 404	
Resu	lt	: No skin irrita	tion	
GLP		: yes		
White	e mineral oil (petrol	um):		
Speci		; Rabbit		
•	ssment	: No skin irrita	tion	
Meth			Guideline 404	
Resu		: No skin irrita		
GLP		: yes		
Metho Resu		: OECD Test : No skin irrita	Guideline 404 tion	
Serio	us eye damage/eye	irritation		
<u>Prod</u>	uct:	irritation		
	uct:		tion is not available.	
<u>Prod</u> Rema	uct:		tion is not available.	
Prod Rema Com	uct: arks	: This informa	tion is not available.	
Prod Rema Com	<u>uct:</u> arks p <u>onents:</u> e mineral oil (petrol	: This informa	tion is not available.	
Prod Rema Com	uct: arks ponents: e mineral oil (petrol ies	: This informa um): : Rabbit : No eye irritat	tion	
Prod Rema Com White Speci Resu	uct: arks ponents: e mineral oil (petrol ies	: This informa um): : Rabbit : No eye irritat : No eye irritat	tion	
Produ Rema Comp White Speci Resu Asses Metho	uct: arks ponents: e mineral oil (petrol ies It ssment	: This informa um): : Rabbit : No eye irritat : No eye irritat	tion	
Prod Rema Com White Spec Resu Asses	uct: arks ponents: e mineral oil (petrol ies It ssment	: This informa um): : Rabbit : No eye irritat : No eye irritat	tion	
Prode Rema Com White Speci Resu Asses Metho GLP	uct: arks ponents: e mineral oil (petrol ies It ssment	: This informa um): : Rabbit : No eye irritat : No eye irritat : OECD Test o : yes	tion	
Prode Rema Com White Speci Resu Asses Metho GLP	uct: arks ponents: e mineral oil (petrol ies lt ssment od e mineral oil (petrol	: This informa um): : Rabbit : No eye irritat : No eye irritat : OECD Test o : yes	tion	
Prode Rema Com White Speci Resu Asses Metho GLP White	uct: arks ponents: e mineral oil (petrol ies lt ssment od e mineral oil (petrol ies	: This informa um): : Rabbit : No eye irritat : No eye irritat : OECD Test of : yes um): : Rabbit : No eye irritat	tion tion Guideline 405 tion	
Produ Rema Com White Speci Resu Asses Metho GLP White Speci Resu	uct: arks ponents: e mineral oil (petrol ies lt ssment od e mineral oil (petrol ies	: This informa um): : Rabbit : No eye irritat : No eye irritat : OECD Test of : yes um): : Rabbit : No eye irritat : No eye irritat	tion tion Guideline 405 tion tion	
Produ Rema Com White Speci Resu Asses Metho GLP White Speci Resu	uct: arks ponents: e mineral oil (petrol ies lt ssment od e mineral oil (petrol ies lt ssment	: This informa um): : Rabbit : No eye irritat : No eye irritat : OECD Test of : yes um): : Rabbit : No eye irritat : No eye irritat	tion tion Guideline 405 tion	





rsion)	Revision Date: 2022-12-20		e of last issue: 2021-10-19 e of first issue: 2021-10-19	Print Date: 2022-12-21
Benz	enamine, N-phenyl-	, react	ion products with 2,4,4-trimethylp	entene:
Speci		:	Rabbit	
Resul		:	No eye irritation	
	ssment	:	No eye irritation	
Metho	bd	:	OECD Test Guideline 405	
Resp	iratory or skin sens	itisatio	on	
<u>Produ</u>				
Rema	arks	:	This information is not available.	
<u>Com</u>	<u>ponents:</u>			
White	e mineral oil (petrol	eum):		
Test		:	Buehler Test	
Speci		:	Guinea pig	
	ssment	:	Does not cause skin sensitisation.	
Metho		:	OECD Test Guideline 406	
Resul	lt		Does not cause skin sensitisation.	
GLP		:	yes	
White	e mineral oil (petrol	eum):		
Test 7	Туре	:	Maximisation Test	
Speci	ies	:	Guinea pig	
Asses	ssment	:	Does not cause skin sensitisation.	
Metho	bc	:	OECD Test Guideline 406	
Resul	lt	:	Does not cause skin sensitisation.	
GLP		:	yes	
Benz	enamine, N-phenyl-	, react	ion products with 2,4,4-trimethylp	entene:
Speci	ies	:	Guinea pig	
	ssment	:	Did not cause sensitisation on labo	pratory animals.
Metho		:	OECD Test Guideline 406	
Resul	It	:	Did not cause sensitisation on labo	pratory animals.
Germ	cell mutagenicity			
Produ	uct:			
Geno	toxicity in vitro	:	Remarks: No data available	
Geno	toxicity in vivo	:	Remarks: No data available	
Com	ponents:			
White	e mineral oil (petrol	eum):		
	cell mutagenicity -	΄.	Tests on bacterial or mammalian c	ell cultures did not show
	ssment	•	mutagenic effects.	
,				





ersion 0	Revision Date: 2022-12-20		e of last issue: 2021-10-19 e of first issue: 2021-10-19	Print Date: 2022-12-21
White	e mineral oil (petrole	um):		
	toxicity in vitro	:	Test Type: Ames test Method: Mutagenicity (Salmonella mutation assay) Result: negative GLP: yes	typhimurium - reverse
	cell mutagenicity -	:	Tests on bacterial or mammalian of mutagenic effects.	cell cultures did not show
Carci	nogenicity			
Prod	uct:			
Rema	arks	:	No data available	
<u>Com</u>	ponents:			
White	e mineral oil (petrole	um):		
	nogenicity - ssment	:	No evidence of carcinogenicity in a	animal studies.
White	e mineral oil (petrole	um):		
	nogenicity - ssment	:	No evidence of carcinogenicity in a	animal studies.
Repr	oductive toxicity			
Prod	uct:			
Effect	ts on fertility	:	Remarks: No data available	
	ts on foetal opment	:	Remarks: No data available	
Com	ponents:			
White	e mineral oil (petrole	um):		
	oductive toxicity -	:	- Fertility -	
Asses	ssment		No toxicity to reproduction - Teratogenicity -	
			No effects on or via lactation	
White	e mineral oil (petrole	um):		
	oductive toxicity -	:	- Fertility -	
Asses	essment		No toxicity to reproduction - Teratogenicity -	
			No effects on or via lactation	
				a brand of





ersion)	Revision Date: 2022-12-20		e of last issue: 2021-10-19 e of first issue: 2021-10-19	Print Date: 2022-12-21
Repro	Benzenamine, N-phenyl-, r Reproductive toxicity - Assessment		ion products with 2,4,4-trimeth - Fertility - Some evidence of adverse effe fertility, based on animal experie	cts on sexual function and
STO	Γ - single exposure			
Com	ponents:			
	e mineral oil (petrol ssment	eum): :	The substance or mixture is not organ toxicant, single exposure	
	e mineral oil (petrol ssment	eum): :	The substance or mixture is not organ toxicant, single exposure	
STO	F - repeated exposu	re		
<u>Com</u>	ponents:			
	e mineral oil (petrol ssment	eum): :	The substance or mixture is not organ toxicant, repeated expose	
White	e mineral oil (petrol	eum):		
	ssment	:	The substance or mixture is not organ toxicant, repeated expose	
Repe	ated dose toxicity			
<u>Prod</u> Rema		:	This information is not available).
Com	ponents:			
NOA	e mineral oil (petrol EL sure time	eum): : :	1,800 mg/kg 90 d	
Aspir	ration toxicity			
<u>Prod</u> This i	uct: nformation is not ava	ailable.		





Version	Revision Date:	Date of last issue: 2021-10-19	Print Date: 2022-12-21
2.0	2022-12-20	Date of first issue: 2021-10-19	

Components:

White mineral oil (petroleum):

May be fatal if swallowed and enters airways.

White mineral oil (petroleum):

No aspiration toxicity classification

Further information

Product:

Remarks

: Information given is based on data on the components and the toxicology of similar products.

SECTION 12. ECOLOGICAL INFORMATION

Product:

Toxicity to fish :	Remarks: No data available
Toxicity to daphnia and other : aquatic invertebrates	Remarks: No data available
Toxicity to algae/aquatic : plants	Remarks: No data available
Toxicity to microorganisms :	Remarks: No data available
Components:	
White mineral oil (petroleum):	
Toxicity to fish :	LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Exposure time: 96 h Test Type: semi-static test Method: OECD Test Guideline 203
Toxicity to daphnia and other : aquatic invertebrates	LC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202





ersion 0	Revision Date: 2022-12-20		e of last issue: 2021-10-19 e of first issue: 2021-10-19	Print Date: 2022-12-21
Toxicit plants	y to algae/aquatic	:	NOEC (Pseudokirchneriella subca mg/l Exposure time: 72 h Method: OECD Test Guideline 207	
Toxicity toxicity	y to fish (Chronic ′)	:	NOEC (Oncorhynchus mykiss (rain Exposure time: 28 d Remarks: The value is given base using OECD Toolbox, DEREK, VE (CAESAR models), etc.	d on a SAR/AAR approach
aquatio	y to daphnia and other c invertebrates ic toxicity)	• :	NOEC (Daphnia magna (Water fle Exposure time: 21 d Remarks: The value is given base using OECD Toolbox, DEREK, VE (CAESAR models), etc.	d on a SAR/AAR approach
Toxicit	y to microorganisms	:	LC50 (Bacteria): > 1,000 mg/l Exposure time: 40 h Test Type: Growth inhibition	
White	mineral oil (petroleur	m):		
Toxicit	y to fish	:	LC50 (Oncorhynchus mykiss (rain Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203	
	y to daphnia and other c invertebrates	·	EC50 (Daphnia (water flea)): > 100 Exposure time: 48 h Test Type: Immobilization Method: OECD Test Guideline 202	-
aquatio	y to daphnia and other c invertebrates ic toxicity)	:	NOEC (Daphnia magna (Water fle Exposure time: 21 d	a)): >= 1,000 mg/l
Benze	namine, N-phenyl-, re	eacti	on products with 2,4,4-trimethylp	entene:
	y to fish	:	LC50 (Danio rerio (zebra fish)): > Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203	100 mg/l





Version 2.0	Revision Date: 2022-12-20		e of last issue: 2021-10-19 e of first issue: 2021-10-19	Print Date: 2022-12-21
	city to daphnia and other itic invertebrates	:	EC50 (Daphnia magna (Water flea)): 5 Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202	51 mg/l
Toxic plant	city to algae/aquatic s	:	EC50 (Desmodesmus subspicatus (gr Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201	een algae)): > 100 mg/l
Pers	istence and degradabi	lity		
<u>Prod</u> Biode	luct: egradability	:	Remarks: No data available	
	sico-chemical ovability	:	Remarks: No data available	
<u>Com</u>	ponents:			
Whit	e mineral oil (petroleur	n):		
Biode	egradability	:	Biodegradation: 31 % Exposure time: 28 d	
Whit	e mineral oil (petroleur	n):		
Biod	egradability	:	Primary biodegradation Inoculum: activated sludge Result: Not rapidly biodegradable Biodegradation: 31 % Exposure time: 28 d Method: OECD Test Guideline 301B	
Benz	zenamine, N-phenyl-, re	eacti	ion products with 2,4,4-trimethylpent	ene:
Biod	egradability	:	aerobic Inoculum: activated sludge Result: Not rapidly biodegradable Biodegradation: 1 % Exposure time: 28 d Method: OECD Test Guideline 301B GLP: yes	





Version 2.0	Revision Date: 2022-12-20		e of last issue: 2021-10-19 e of first issue: 2021-10-19	Print Date: 2022-12-21		
Bioa	accumulative potential					
Pro	duct:					
	Bioaccumulation		Remarks: This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT). This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).			
<u>Con</u>	nponents:					
Whi	te mineral oil (petroleur	n):				
Part	ition coefficient: n- nol/water	:	log Pow: > 6			
Whi	White mineral oil (petroleum):					
	ition coefficient: n- nol/water	:	Pow: > 6			
Ben	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:					
	ition coefficient: n- nol/water	:	log Pow: > 5			
Mot	bility in soil					
Pro	duct:					
Mob	bility	:	Remarks: No data available			
	ribution among ronmental compartments	:	Remarks: No data available			
Oth	er adverse effects					
Pro	duct:					
	itional ecological mation	:	No information on ecology is availab	ble.		
<u>Con</u>	nponents:					
Whi	te mineral oil (petroleur	n):				
	ults of PBT and vPvB essment	:	This substance is not considered to bioaccumulating and toxic (PBT).	be persistent,		
	te mineral oil (petroleur	n):				
	ults of PBT and vPvB essment	:	Non-classified PBT substance Non-	classified vPvB substance		





Version	Revision Date:	Date of last issue: 2021-10-19	Print Date:
2.0	2022-12-20	Date of first issue: 2021-10-19	2022-12-21

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	:	The product should not be allowed to enter drains, water courses or the soil.
Contaminated packaging	:	Packaging that is not properly emptied must be disposed of as the unused product. Dispose of waste product or used containers according to local regulations.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

National Regulations

TDG

Not regulated as a dangerous good

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

NPRI Components

Canadian National Pollutant Release Inventory (NPRI): No component is listed on NPRI.

Canadian lists

No substances are subject to a Significant New Activity Notification.

:





Version	Revision Date:	Date of last issue: 2021-10-19	Print Date:
2.0	2022-12-20	Date of first issue: 2021-10-19	2022-12-21

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ACGIH CA AB OEL	:	USA. ACGIH Threshold Limit Values (TLV) Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	:	Canada. British Columbia OEL
CA QC OEL	:	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
ACGIH / TWA	:	8-hour, time-weighted average
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA AB OEL / STEL	:	15-minute occupational exposure limit
CA BC OEL / TWA	:	8-hour time weighted average
CA QC OEL / TWAEV	:	Time-weighted average exposure value
CA QC OEL / STEV	:	Short-term exposure value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response: ELx - Loading rate associated with x% response: EmS - Emergency Schedule: ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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