

## NGSH-220

sion	Revision Date:		e of last issue: -	Print Date:
	2023-06-07	Dat	e of first issue: 2023-06-07	2023-06-07
CTION	1. IDENTIFICATION			
Produ	uct name	:	NGSH-220	
Article	e-No.	:	340517	
Other	means of identification	:	No data available	
Manu	facturer or supplier's	deta	ills	
Comp	bany 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 c	hen	nical and restrictions on use	
Reco	mmended use	:	Lubricating oil	
Restr	ictions on use	:	Restricted to professional users.	

## **SECTION 2. HAZARDS IDENTIFICATION**

GHS classification in accordance with the Hazardous Products Regulations				
Skin sensitisation	:	Category 1		
Reproductive toxicity	:	Category 2		

## **GHS** label elements





#### Version Date of last issue: -Print Date: **Revision Date:** 2023-06-07 3.0 2023-06-07 Date of first issue: 2023-06-07 Hazard pictograms ÷ Signal word Warning 2 Hazard statements May cause an allergic skin reaction. 2 Suspected of damaging fertility. Precautionary statements 2 **Prevention:** Obtain special instructions before use. Avoid breathing vapours. Wear protective gloves/ protective clothing/ eye protection/ face protection. **Response:** IF exposed or concerned: Get medical advice/ attention. Storage: Store locked up. **Disposal:** Dispose of contents/ container to an approved waste disposal plant.

#### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	:	Mixture

Chemical nature : ester oil Synthetic hydrocarbon oil

#### Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
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** (>= 1 - < 5 *)
2,5-bis(octyldithio)- 1,3,4-thiadiazole	2,5- bis(octyldithio)- 1,3,4-thiadiazole	13539-13-4	Trade secret** (>= 0.1 - < 1 *)





Version	Revision Date:	Date of last issue: -	Print Date:
3.0	2023-06-07	Date of first issue: 2023-06-07	2023-06-07

 $^{\ast}$  Actual concentration or concentration range is withheld as a trade secret

### **SECTION 4. FIRST AID MEASURES**

If inhaled	<ul> <li>Obtain medical attention. Remove person to fresh air. If signs/symptoms continue, get medical attention. Keep patient warm and at rest. If unconscious, place in recovery position and seek medical advice. Keep respiratory tract clear. If breathing is irregular or stopped, administer artificial respiration.</li> </ul>
	Obtain medical attention. Remove person to fresh air. If signs/symptoms continue, get medical attention. Keep patient warm and at rest. If unconscious, place in recovery position and seek medical advice. Keep respiratory tract clear. If breathing is irregular or stopped, administer artificial respiration.
In case of skin contact	<ul> <li>Take off all contaminated clothing immediately. Get medical attention immediately if irritation develops and persists.</li> <li>Wash clothing before reuse.</li> <li>Thoroughly clean shoes before reuse.</li> <li>Wash off immediately with plenty of water.</li> </ul>
	Take off all contaminated clothing immediately. Get medical attention immediately if irritation develops and persists. Wash clothing before reuse. Thoroughly clean shoes before reuse. Wash off immediately with plenty of water.
In case of eye contact	<ul> <li>Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.</li> <li>If eye irritation persists, consult a specialist.</li> </ul>
	Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. If eye irritation persists, consult a specialist.
If swallowed	<ul> <li>Move the victim to fresh air.</li> <li>If unconscious, place in recovery position and seek medical advice.</li> <li>Keep respiratory tract clear.</li> </ul>





NGSH-2	NGSH-220					
Version 3.0	Revision Date: 2023-06-07		e of last issue: - e of first issue: 2023-06-07	-	Print Date: 2023-06-07	
			Do NOT induce vomiting. Obtain medical attention. Rinse mouth with water. Never give anything by mouth to an u Move the victim to fresh air. If unconscious, place in recovery pos advice. Keep respiratory tract clear. Do NOT induce vomiting. Obtain medical attention. Rinse mouth with water. Never give anything by mouth to an u	ition a	nd seek medical	
	important symptoms ffects, both acute and ed	:	May cause an allergic skin reaction. Allergic appearance May cause an allergic skin reaction. Allergic appearance			
Notes	to physician	:	The first aid procedure should be esta with the doctor responsible for indust The first aid procedure should be esta with the doctor responsible for indust	rial me ablishe	edicine. ed in consultation	

### **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media :	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing : media	High volume water jet
	High volume water jet
Hazardous combustion : products	Carbon oxides Nitrogen oxides (NOx)
	Carbon oxides Nitrogen oxides (NOx)
Further information :	Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
	Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.





Version 3.0	Revision Date: 2023-06-07		e of last issue: - e of first issue: 2023-06-07	Print Date: 2023-06-07
	ecial protective equipme firefighters	nt :	In the event of fire, wear self-conta Use personal protective equipmer Exposure to decomposition produ- health.	nt.
			In the event of fire, wear self-conta Use personal protective equipmer Exposure to decomposition produ- health.	nt.

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, : protective equipment and emergency procedures	Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation. Do not breathe vapours or spray mist. Refer to protective measures listed in sections 7 and 8. Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation. Do not breathe vapours or spray mist. Refer to protective measures listed in sections 7 and 8.
Environmental precautions :	Do not allow contact with soil, surface or ground water. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Do not allow contact with soil, surface or ground water. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for : containment and cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## SECTION 7. HANDLING AND STORAGE

Advice on safe handling	:	Do not breathe vapours or spray mist.
_		Avoid contact with skin and eyes.
		For personal protection see section 8.





NGSH-220						
Version 3.0	Revision Date: 2023-06-07	Date of last issue: - Date of first issue: 2023-06-07	Print Date: 2023-06-07			
		Persons with a history of skin sensit asthma, allergies, chronic or recurre should not be employed in any proc being used. Smoking, eating and drinking should application area. Wash hands and face before breaks handling the product. Do not get in eyes or mouth or on sk Do not get on skin or clothing. Do not get on skin or clothing. Do not repack. Do not re-use empty containers. These safety instructions also apply may still contain product residues. Keep container closed when not in the	ent respiratory disease ess in which this mixture is d be prohibited in the s and immediately after kin.			
		Do not breathe vapours or spray mis Avoid contact with skin and eyes. For personal protection see section Persons with a history of skin sensit asthma, allergies, chronic or recurre should not be employed in any proc being used. Smoking, eating and drinking should application area. Wash hands and face before breaks handling the product. Do not get in eyes or mouth or on sk Do not get on skin or clothing. Do not repack. Do not repack. Do not re-use empty containers. These safety instructions also apply may still contain product residues. Keep container closed when not in the	8. isation problems or ent respiratory disease ess in which this mixture is d be prohibited in the s and immediately after kin.			
Cond	litions for safe storage	<ul> <li>Store in original container.</li> <li>Keep container closed when not in u</li> <li>Keep in a dry, cool and well-ventilate</li> <li>Containers which are opened must</li> <li>kept upright to prevent leakage.</li> <li>Store in accordance with the particu</li> <li>Keep in properly labelled containers</li> </ul>	ed place. be carefully resealed and ılar national regulations.			
		Store in original container. Keep container closed when not in the Keep in a dry, cool and well-ventilate Containers which are opened must kept upright to prevent leakage. Store in accordance with the particul Keep in properly labelled containers	ed place. be carefully resealed and ılar national regulations.			





Version	Revision Date:	Date of last issue: -	Print Date:
3.0	2023-06-07	Date of first issue: 2023-06-07	2023-06-07

## 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)
		TWA (Mist)	1 mg/m3	CA BC OEL (2021-01-04)
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH (2013-03-01)
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	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 (2021-01-04)
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH (2013-03-01)

Contains no substances with occupational exposure limit values.

**Engineering measures** 

: Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Handle only in a place equipped with local exhaust (or other appropriate exhaust).



## SAFETY DATA SHEET - CA



## NGSH-220

Version 3.0	Revision Date: 2023-06-07		e of last issue: - e of first issue: 2023-06-07	Print Date: 2023-06-07
Perso	onal protective equip	oment		
Resp	iratory protection	:	Not required; except in case of aero	osol formation.
Fi	lter type	:	Filter type A-P	
M: Br	l protection aterial reak through time rotective index	:	Nitrile rubber > 10 min Class 1	
Re	emarks	:	Wear protective gloves. The break to amongst other things on the materia type of glove and therefore has to b case.	al, the thickness and the
Eye p	protection	:	Safety glasses with side-shields	
Skin	and body protection	:	Choose body protection in relation t concentration and amount of dange the specific work-place.	
Prote	ective measures	:	The type of protective equipment m to the concentration and amount of at the specific workplace.	
Hygie	ene measures	:	Wash face, hands and any exposed handling. Wash face, hands and any exposed handling.	

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	yellow
Odour	:	characteristic
Odour Threshold	:	No data available
рН	:	Not applicable





## NGSH-220

		Date	of first issue: 2023-06-07	Print Date: 2023-06-07
Meltinç	g point/range	:	No data available	
Boiling	point/boiling range	:	No data available	
Flash p	point	:	250 °C	
			Method: open cup	
Evapo	ration rate	:	No data available	
Flamm	ability (solid, gas)	:	Not applicable	
Self-ig	nition	:	No data available	
	explosion limit / Upper ability limit	:	No data available	
	explosion limit / Lower ability limit	:	No data available	
Vapou	r pressure	:	< 0.001 hPa (20 °C)	
Relativ	ve vapour density	:	No data available	
Relativ	e density	:	0.890 (20 °C) Reference substance: Water The value is calculated	
Bulk de	ensity	:	No data available	
Solubil Wa	lity(ies) ter solubility	:	insoluble	
Sol	ubility in other solvents	:	No data available	
	on coefficient: n- I/water	:	No data available	
Auto-iç	gnition temperature	:	400 °C	
Decom	position temperature	:	No data available	
Viscos Visc	ity cosity, dynamic	:	No data available	
Viso	cosity, kinematic	:	220 mm2/s ( 40 °C)	
Explos	ive properties	:	Not explosive	





Version 3.0	Revision Date: 2023-06-07	Date of last issue: - Date of first issue: 2023-06-07	Print Date: 2023-06-07
Oxidizing properties		: No data available	
Sublimation 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.
Acute inhalation toxicity	:	Remarks: This information is not available.
Acute dermal toxicity	:	Symptoms: Redness, Local irritation
		Symptoms: Redness, Local irritation

### **Components:**

## Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:

Acute oral toxicity	:	LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline 401
Acute dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute dermal toxicity

## 2,5-bis(octyldithio)-1,3,4-thiadiazole:

Acute oral toxicity	:	LD50 (Rat): > 5,000 mg/kg
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## NGSH-220

sion	Revision Date: 2023-06-07		e of last issue: - e of first issue: 2023-06-07	Print Date: 2023-06-07
Acute	inhalation toxicity	:	Assessment: The component/mixters short term inhalation.	ure is moderately toxic aft
Acute	e dermal toxicity	:	LD50 (Rabbit): > 2,000 mg/kg	
Skin	corrosion/irritation			
Prod	uct:			
Rema	arks	:	This information is not available.	
Com	ponents:			
Benz	enamine, N-phenyl-	, react	ion products with 2,4,4-trimethylp	entene:
Speci	ies	:	Rabbit	
Asses	ssment	:	No skin irritation	
Metho		:	OECD Test Guideline 404	
Resu	lt	:	No skin irritation	
2,5-bi	is(octyldithio)-1,3,4-	thiadia	azole:	
Speci	ies	:	Rabbit	
Asses	ssment	:	Irritating to skin.	
Resu	lt	:	Irritating to skin.	
•	ua ava damaga/ava	irritati	on	
Serio	ous eye damage/eye	minua		
Serio <u>Produ</u>				
	uct:	:	This information is not available.	
<u>Produ</u> Rema	uct:		This information is not available.	
Produ Rema Com	uct: arks ponents:	:	This information is not available. ion products with 2,4,4-trimethylp	entene:
Produ Rema Comp Benz Speci	uct: arks ponents: enamine, N-phenyl- ies	:	<b>ion products with 2,4,4-trimethylp</b> Rabbit	entene:
Produ Rema Comp Benz Speci Resu	<u>uct:</u> arks ponents: enamine, N-phenyl-, ies It	:	<b>ion products with 2,4,4-trimethylp</b> Rabbit No eye irritation	entene:
Produ Rema Comj Benz Speci Resul Asses	uct: arks ponents: enamine, N-phenyl-, ies It ssment	:	<b>ion products with 2,4,4-trimethylp</b> Rabbit No eye irritation No eye irritation	entene:
Produ Rema Comp Benz Speci Resu	uct: arks ponents: enamine, N-phenyl-, ies It ssment	:	<b>ion products with 2,4,4-trimethylp</b> Rabbit No eye irritation	entene:
Produ Rema Comj Benz Speci Resul Asses Metho	uct: arks ponents: enamine, N-phenyl-, ies It ssment	: , react : : :	<b>ion products with 2,4,4-trimethylp</b> Rabbit No eye irritation No eye irritation OECD Test Guideline 405	entene:
Produ Rema Comj Benz Speci Resul Asses Metho 2,5-bi Speci	uct: arks ponents: enamine, N-phenyl- ies lt ssment od is(octyldithio)-1,3,4- ies	: , react : : :	<b>ion products with 2,4,4-trimethylp</b> Rabbit No eye irritation No eye irritation OECD Test Guideline 405 <b>azole:</b> Rabbit	entene:
Produ Rema Comp Benz Speci Resul Asses Metho Speci Resul	uct: arks ponents: enamine, N-phenyl- ies lt ssment od is(octyldithio)-1,3,4- ies lt	: , react : : :	<b>ion products with 2,4,4-trimethylp</b> Rabbit No eye irritation No eye irritation OECD Test Guideline 405 <b>azole:</b> Rabbit No eye irritation	entene:
Produ Rema Comp Benz Speci Resul Asses Metho Speci Resul	uct: arks ponents: enamine, N-phenyl- ies lt ssment od is(octyldithio)-1,3,4- ies	: , react : : :	<b>ion products with 2,4,4-trimethylp</b> Rabbit No eye irritation No eye irritation OECD Test Guideline 405 <b>azole:</b> Rabbit	entene:
Produ Rema Comj Benz Speci Resul Asses Metho 2,5-bi Speci Resul Asses	uct: arks ponents: enamine, N-phenyl- ies lt ssment od is(octyldithio)-1,3,4- ies lt	, react : : thiadia : :	ion products with 2,4,4-trimethylp Rabbit No eye irritation No eye irritation OECD Test Guideline 405 azole: Rabbit No eye irritation No eye irritation	entene:
Produ Rema Comj Benz Speci Resul Asses Metho 2,5-bi Speci Resul Asses	uct: arks ponents: enamine, N-phenyl-, ies lt ssment od is(octyldithio)-1,3,4- ies lt ssment iratory or skin sens	, react : : thiadia : :	ion products with 2,4,4-trimethylp Rabbit No eye irritation No eye irritation OECD Test Guideline 405 azole: Rabbit No eye irritation No eye irritation	entene:





#### **NGSH-220** Date of last issue: -Print Date: Version Revision Date: 2023-06-07 Date of first issue: 2023-06-07 2023-06-07 3.0 **Components:** Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene: Species : Guinea pig Did not cause sensitisation on laboratory animals. Assessment 2 Method **OECD Test Guideline 406** 2 Result Did not cause sensitisation on laboratory animals. ÷ 2,5-bis(octyldithio)-1,3,4-thiadiazole: Species : Guinea pig Assessment May cause sensitisation by skin contact. 5 Result : May cause sensitisation by skin contact. Germ cell mutagenicity Product: Remarks: No data available Genotoxicity in vitro : Genotoxicity in vivo Remarks: No data available 5 Carcinogenicity Product: Remarks No data available : **Reproductive toxicity** Product: Effects on fertility : Remarks: No data available Effects on foetal Remarks: No data available : development **Components:** Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene: - Fertility -Reproductive toxicity -: Assessment Some evidence of adverse effects on sexual function and fertility, based on animal experiments. STOT - single exposure Product: Remarks No data available :





#### NGSH-220 Version Date of last issue: -Print Date: Revision Date: Date of first issue: 2023-06-07 2023-06-07 3.0 2023-06-07 STOT - repeated exposure Product: Remarks : No data available **Repeated dose toxicity** Product: Remarks : This information is not available. Aspiration toxicity Product: This information is not available. **Further information** Product: Remarks Information given is based on data on the components and : the toxicology of similar products. Remarks Information given is based on data on the components and : the toxicology of similar products.

## SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity			
<u>Product:</u> Toxicity to fish	:	Remarks: Harmful to aquatic org adverse effects in the aquatic en	
		Remarks: Harmful to aquatic org adverse effects in the aquatic en	
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	a brand of





Version	Revision Date:	Date of last issue: -	Print Date:
3.0	2023-06-07	Date of first issue: 2023-06-07	2023-06-07

### **Components:**

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:				
Toxicity to fish :	LC50 (Danio rerio (zebra fish)): > 100 mg/l Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203			
Toxicity to daphnia and other : aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 51 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202			
Toxicity to algae/aquatic : plants	EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201			

### 2,5-bis(octyldithio)-1,3,4-thiadiazole:

Ecotoxicology Assessment		
Chronic aquatic toxicity	:	May cause long lasting harmful effects to aquatic life.

## Persistence and degradability

<u>Product:</u> Biodegradability	:	Remarks: No data available
Physico-chemical removability	:	Remarks: No data available

### Components:

Benzenamine, N-phenyl-, reaction products with	h 2,4,4-trimethylpentene:
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Biodegradability :	aerobic Inoculum: activated sludge Result: Not rapidly biodegradable Biodegradation: 1 % Exposure time: 28 d Method: OECD Test Guideline 301B GLP: yes
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NGSH-220						
Version 3.0	Revision Date: 2023-06-07	Date of last issue: -Print Date:Date of first issue: 2023-06-072023-06-07				
Bioa	accumulative potential					
Pro	duct:					
Bioa	Bioaccumulation		: Remarks: This mixture contains no substance considere be persistent, bioaccumulating and toxic (PBT). This mixture contains no substance considered to be ver persistent and very bioaccumulating (vPvB).			
			Remarks: This mixture contains no subst be persistent, bioaccumulating and toxic This mixture contains no substance cons persistent and very bioaccumulating (vPv	(PBT). idered to be very		
<b>Ben</b> Part	n <b>ponents:</b> <b>zenamine, N-phenyl-, re</b> ition coefficient: n- nol/water	eacti :	ion products with 2,4,4-trimethylpenten log Pow: > 5	e:		
Mot	bility in soil					
Pro	duct:					
Mob	ility	:	Remarks: No data available			
	ribution among ronmental compartments	:	Remarks: No data available			
Oth	er adverse effects					
Add	<u>duct:</u> itional ecological mation	:	Harmful to aquatic life with long lasting ef	fects.		
			Harmful to aquatic life with long lasting ef	fects.		

## SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods		
Waste from residues	:	The product should not be allowed to enter drains, water courses or the soil. Do not dispose of with domestic refuse. Dispose of as hazardous waste in compliance with local and national regulations.





Version Revision Date:	Date of last issue: -	Print Date:
3.0 2023-06-07	Date of first issue: 2023-06-07	2023-06-07
Contaminated packaging	<ul> <li>The product should not be allowed courses or the soil.</li> <li>Do not dispose of with domestic ref Dispose of as hazardous waste in contational regulations.</li> <li>Packaging that is not properly empt the unused product.</li> <li>Dispose of waste product or used contact local regulations.</li> <li>Packaging that is not properly empt the unused product.</li> <li>Dispose of waste product or used contact local regulations.</li> </ul>	use. compliance with local and ied must be disposed of as ontainers according to ied must be disposed of as

## **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 P

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

### **Canadian lists**

No substances are subject to a Significant New Activity Notification.

No substances are subject to a Significant New Activity Notification.





Version Revision Date: 3.0 2023-06-07

Date of last issue: -Date of first issue: 2023-06-07 Print Date: 2023-06-07

## **SECTION 16. OTHER INFORMATION**

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

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





### NGSH-220

Version	Revision Date:	Date of last issue: -	Print Date: 2023-06-07
3.0	2023-06-07	Date of first issue: 2023-06-07	

Revision Date:2023-06-07Date format:mm/dd/yyyy

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