SAFETY DATA SHEET (SDS)

	Section 1. Identi	fication	
Product identifie	er NHL 5		
Other means of	identification St. Astier Natural Hydraulic Lime or CAS 8	5117-09-5	
Recommended u	se and restrictions on use Plasters and mortars		
Initial supplier i	dentifier TransMineral USA, Inc.		
E	201 Purrington Road, Petaluma, CA 94952, Te	Alephone: (707) 769-0661	
Emergency telep	bhone number/restriction on use USA - Chemtrec 1-800		
Classification of	Section 2. Hazard id	entification	
Skin corrosion (C	hazardous product (name of the category or subcategory	of the nazard class)	
Eve damage (Cat	egory 1)		
Carcinogenicity (Category 1)		
Specific target or	gan toxicity – repeated exposure (Category 1), Organs		
Information eler	nents (symbols, signal words, hazard statements and prec	autionary statements of the categor	y/subcategory)
DANGER When this product H350 May cause H372 Causes dan P201 Obtain spec dusts or mists. P protective gloves container in accor medical attention SKIN (or hair):	et is humid or mixed with water – H314 Causes severe skin bu cancer. hage to organs (lungs) through prolonged or repeated exposur tial instructions before use. P202 Do not handle until all safe 264 Wash hands/nails/face thoroughly after handling. P270 by protective clothing/ eye protection/ face protection. P40 prodance with local, regional or national regulations. P308+1 i f you feel unwell. P301+P330+P331 IF SWALLOWED: Take off immediately all contaminated clothing. Rinse si	urns and eye damage. re (inhalation). ty precautions have been read and ur Do not eat, drink or smoke when 5 Store locked up. P501 Dispose of P313 IF exposed or concerned: Get Rinse mouth. Do NOT induce vomi kin with water. P363 Wash contan	nderstood. P260 Do not breathe using this product. P280 Wear of contents/container into safe medical attention. P314 Get ting. P303+P361+P353 IF ON ninated clothing before reuse.
P305+P351+P338 rinsing. P304+P3 KEEP OUT OF F	40 IF IN EYES: Rinse cautiously with water for several min 40 IF INHALED: Remove person to fresh air and keep comfor REACH OF CHILDREN.	nutes. Remove contact lenses, if pre ortable for breathing. P310 Immediate	ely call a doctor.
Other hazards k	nown None		
	Section 3. Composition/inform	nation on ingredients	
Chemical name	(common name/synonyms)	CAS number or other	Concentration (%)
Calcium Oxide		1305-78-8	< 1
Calcium Dihydro	xide	1305-62-0	15-65
Calcium Carbona	te	1317-65-3	10-40
Calcium Silicate		10034-77-2	10-45
Aluminum Oxide		1344-28-1	0.5-5
Silica, Crystalline	e (Quartz)	14808-60-7	7-13
May also contain Mag	Soction 4 First aid		<1
Inhalation	IF INHALED: Remove person to fresh air and keen comfor	rtable for breathing Immediately call	a doctor
Ingestion	IF SWALLOWED: Immediately call a doctor. DO NOT I rapidly losing consciousness, or is unconscious or convul glasses of water. If vomiting occurs naturally, have victim l	NDUCE VOMITING. NEVER give lsing. Rinse mouth thoroughly with lean forward to reduce risk of aspirati	anything by mouth if victim is water. Have victim drink two on.
Skin contact	IF ON SKIN (or hair): Take off immediately all contaminat	ted clothing. Rinse skin with water. (15-20 minutes).
Eye contact	IF IN EYES: Rinse cautiously with water for several minu	ttes. (15-20 minutes). Remove contac	et lenses, if present and easy to
M + : + +	do. Continue rinsing. Immediately call a doctor.		Samel alain an anni instama
	exposure. The ways and press the principal d	substance is classified as an irritant f ents a risk of serious eye damage. No anger is restricted to localized effects	or the skin and respiratory deadly effects are suspected; . (effects pH)
Indication of im	mediate medical attention/special treatment In all cases,	call a doctor. Do not forget this docu	iment.
	Section 5. Fire-fighting	ng measures	
Specific hazards	of the hazardous product (hazardous combustion produc	ets)	
This product is no	on-combustible. It does not emit any toxic substances in case	of fire.	
Suitable and uns	suitable extinguisning media	m to avtinguigh gumounding not too	9
fill case of file? Us	se carbon dioxide, chemical powder agent and appropriate loa	and to extinguish surrounding product	δ.
	c equipment and precautions for fire-fighters		

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Avoid powders and dust dispersion. Use respiratory equ	upment. Use extinguishing	methods taking in to	account the local circ	umstances and the
surrounding environment. If possible, avoid discharging	g the water used for extingu	ishing fire into the e	environment.	
Sect	tion 6. Accidental releas	se measures		
For non-emergency personnel	ergency procedures			
- Ensure adequate ventilation				
- Avoid release of dust as much as possible				
- Keep away persons not wearing appropriate protective	e equipment.			
- Avoid all contact with skin eves and clothing – wear	appropriate protective equir	oment (see Section 8	3)	
- Avoid inhaling dust – ensure adequate ventilation or v	vear respiration masks – we	ar appropriate prote	ctive clothing (see Sec	tion 8).
For emergency personnel	1		<i>U</i> (,
- Avoid release of dust as much as possible				
- Ensure adequate ventilation.				
- Keep away persons not wearing appropriate protective	e equipment			
- Avoid all contact with skin, eyes and clothing-wear a	ppropriate protective equipr	ment (see Section 8)		
- Avoid inhaling dust – ensure adequate ventilation or v	vear respiration masks – we	ar appropriate prote	ctive clothing (see Sec	tion 8).
Precautions for the protection of the environment				
Contain spillages. Keep product dry if possible. Use	e covers to avoid creation	of dust, if possible	e. Avoid large, uncon	trolled spillages into
waterways and drains (pH increase). All spillages in wa	iterways must be notified to	the Environmental	Agency or other comp	etent
Authority.				
Methods and materials for containment and cleanin	g up			
- Label all receptacies where dust has been collected				
- Impede of limit dust formation and dispersion Keen product dry if possible				
Collect product mechanically and in dry condition				
- Use a vacuum suction unit or shovel into hags				
- Harden the product before disposal as described in Se	ction 13			
Thatden the product before disposal as described in se	Section 7 Handling and	storage		
Precautions for safe handling	Jeeuon // Hunding und	storage		
Protective measures				
- Avoid contact with skin, eves and respiratory airways	Wear appropriate protective	ve equipment (see Se	ection 8 of this docume	ent).
- Do not wear contact lenses when handling this produc	t. It is also recommended to	b keep eve drops on	hand.	
Keep formation or dispersion of dust to a minimum. En	close dust sources and use	extraction equipmen	t (dust collection at ha	ndling point).
General advice on occupational hygiene			[*]	
- Avoid inhalation, ingestion and contact with skin and	eyes.			
- Appropriate barrier creams can be used.				
- Wash hands after each manipulation.				
- General measures of hygiene at work are essential to e	ensure safe handling of the p	product. These inclu	de:	
- Good personal practices, regular cleaning of the place	of work, no alcohol drinkin	ng, eating or smokin	g at the place of work.	
- Shower and change clothing at the end of work. Do	not bring home any conta	minated clothing. S	eparate work clothing	from other clothing.
Clean them separately.				
Conditions for safe storage, including any incompation	ibilities			
Safe storing conditions :				
- Keep away from children reach.				
- Store in a dry place.				
- Bulk storage has to be in dedicated silos.				
Strong agids and azotate composites				
- Organic matter				
- Avoid contact with air and moisture				
- Do not use aluminium for transport or storage if there	is a risk of contact with wa	ter		
Section 8	Exposure controls/Per	sonal protection		
Control parameters (biological limit values or expos	ure limit values and source	e of those values)		
Exposure limits: ACGIH – TLV-TWA & PEL-TWA –	No value for the ingredient	s or the product itsel	lf	
CAS	PEL-TWA	STEL	ACGIH-TWA	STEL
1305-78-8	5 mg/m^3		2 mg/m^3	
1305-62-0	5 mg/m^3		5 mg/m^3	
1317-65-3/471-34-1	5 mg/m^3			
10034-77-2				
1344-28-1	5 mg/m^3		10 mg/m^3	
14808-60-7	0.1 mg/m^3		0.025 mg/m^3	

Appropriate engineering controls

Exposure Controls:

To control potential risks, avoid generating dust. Wear protective equipment. Eyes protection equipment (goggles or visors for example) are necessary unless contact with the eyes is avoided by the nature and type of application (closed process for example). In any case protection of the face, protective clothing and safety shoes must be worn. Refer to the Exposure Scenario annex available.

Appropriate technical controls:

If the product application generates dust, use enclosures, local ventilation or other technical methods to maintain dust limits below the maximum recommended.

Individual protection measures and personal protective equipment:

Eye and face protection

Do not wear contact lenses.

Wear tight fitting goggles with side shields or large vision full goggles. It is also recommended to carry eyewash.

Skin protection:

As NHLs are classified as irritant for the skin, dermal exposure has to be reduced to the minimum as much as possible.

Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations.

Wear protective clothes offering total protection for the skin (long trousers, long sleeves, close fitting at openings) and shoes resistant to caustic products.

Respiratory protection:

Local ventilation is recommended to keep dust levels below indicated maximum values. Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown.

Thermal hazards: The product does not present any thermal hazards.

Environmental exposure controls:

Before discharging into the atmosphere, filter all discharges from ventilation and other extraction systems. Contain spillages. All spillages in watercourses must be notified to the Environment Agency or other competent Authority.

For detailed information on risk management measures adequately controlling exposure of the environment refer to the Exposure Scenario annex available.

	Section 9. Physical and c	hemical j	properties	l de la construcción de la constru
Appearance, physical state/color	White to gray powder	Vapor p	ressure	Not applicable
Odor Odorless		Vapor d	lensity	Not applicable
Odor threshold Not applicable		Relative	density	2.66
pH ~ 12 - 13		Solubili	ty 1.5 g/l	@20°C
Melting/freezing point >450	°C (840° F)	Partitio	n coefficien	t - n-octanol/water Not applicable
Initial boiling point/range Not app	licable	Auto-ig	nition temp	erature Not applicable
Flash point Not applicable		Decomp	osition tem	perature Not applicable
Evaporation rate Not applicable		Viscosit	Not app	blicable
		у		
Flammability (solids and gases) N	ot applicable	VOC	Not applic	able
Upper and lower flammability/explos	sive limits Not applicable	Other	None know	wn
	Section 10. Stability	and read	ctivity	
Reactivity				
In aqueous media Ca(OH)2 disassociates	s, forming Calcium cat ions and hydror	xyl anions	(when below	v the water solubility limit).
Chemical stability				
The product is stable at ambient tempera	ture and within the normal application	and storin	g conditions	l.
Possibility of hazardous reactions				
The substance produces an exothermic	reaction in contact with acids. Heated	above 580	0°C, the Cal	cium dihydroxide decomposes, producing
Calcium Oxide (CaO) quick lime and w	$(H2O): Ca(OH)2 \longrightarrow CaO + H$	I2O. The C	Calcium Oxi	ide reacts with the water and generates
heat. This could be a risk in the presence	e of flammable materials.			
Conditions to avoid (static discharge,	shock or vibration)			
Minimize exposure to air and humidity	to avoid degradation.			
Incompatible materials				
NHLs produce an exothermic reaction i	n contact with acids to form salts.			
In presence of humidity the NHLs react	with aluminium and brass producing	hydrogen	Ca(OH)2 +	· 2Al
$+ 6H2O \longrightarrow Ca[Al(OH)4]2 + 3 H2$				
Hazardous decomposition products				
None to our knowledge. Complementar	y information: Calcium dihydroxide r	reacts with	Carbon dic	oxide forming Calcium Carbonate which is a
natural occurring material.				
	Section 11. Toxicologi	ical infor	mation	
Information on the likely routes of ex	posure (inhalation, ingestion, skin a	and eye co	ntact)	
When this product is humid or mixed w	vith water – Causes severe skin burns	and eye da	amage. May	cause cancer. Causes damage to organs (lungs)
through prolonged or repeated exposure	e (inhalation).			

Symptoms related to the physical, chemical and toxicological characteristics

Skin irritation, redness, stinging, pain; Eye irritation, redness, tearing.

Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Respiratory or skin sensitisation - No data available.

Based upon the known effects (pH modification) and on the basic human need for calcium in food, NHLs are considered as not producing a sensitisation effect to the skin. None of its components are known to have a sensitisation effect (ie: calcium carbonate calcium silicate and calcined clay mineral). The definition "sensitising" is not justified.

Germ cells mutagenicity

Bacterial reverse mutation tests (Ca(OH)2 and CaO, Tests d'Ames, OCDE 471) : negative. Mammalian chromosome aberration test [Ca(OH)2]: negative. By cross reference these results are applicable to NHLs. None of the components of NHL is known as genotoxic. Considering the pH effect, there is no mutagenicity. The definition "genotoxic" is not justifiable.

Carcinogenicity

IARC: Group 1: Agent is carcinogenic to humans - inhaled from occupational sources (also in NIOSH-C, MAK, NTP-RoC, Prop 65).

NOTE: The European Regulation on Chemicals has published and imposed a set of regulations described in REACH (**R**egistration, **E**valuation, **A**uthorization, and restriction of **CH**emical substances). Per NEPSI (European Network for Silica) recommendation, REACH formatted FDS (MSDS) does not list Crystalline Silica (Quartz) as a cancer risk in Saint-Astier NHL. The reason is that OEL (Occupational Exposure Limit) considers that exposure to a "maximum" breathable dust, at the time of mortar preparation, of less than 0.005mg of Crystalline Silica per m3 of air is NOT considered a health risk.

Reproductive toxicity

Calcium (administered as Ca-carbonate) is not toxic to reproduction (experimental studies on mice). The pH effect does not present a risk to reproduction. Clinical studies on humans and animals with different calcium slats have not shown any effect on reproduction or developmental. NHLs are not toxic for reproduction or development. The definition "toxic to reproduction" is not justified.

Specific toxicity for target organs (STOT)-single exposure

Calcium dihydroxide does not have specific toxicity for any exposure medium (dermal, oral, inhalation)

Specific toxicity for target organs (STOT)-repeated exposure

The toxicity of Calcium ingested is specified by the maximum tolerable limit (UL) for adults: UL = 2500 mg of Ca corresponding to 36 mg of Ca per kg of body weight for an adult weighing 70kg (Data from CSAH: Comité Scientifique en matière d'Alimentation Humaine). The toxicity of NHLs by skin absorption is not considered pertinent due to its insignificant absorption and the primary effect of local irritation (effect pH).

The toxicity due to inhalation (localised effects, mucous irritation) due to the CaO and the Ca(OH)2 is determined by SCOEL (Scientific Committee on exposure levels) as follows: DNEL = $1 \text{ mg} / \text{m}^3$ breathable dust (see section 8.1) and VLEP (8h) = $1 \text{ mg} / \text{m}^3$. The definition "toxic after repeated exposure" is not justified.

Section 12 Eaclasian Linformation

Hazards due to ingestion

Ingesting large quantity causes burns in the mouth, oesophagus, digestive track, nausea and vomit.

Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀)

CAS 1305-62-0 LD₅₀ Oral - Rat - 7340 mg/kg; LC₅₀ Inhalation - Rat - None 4 h; LD₅₀ Dermal - Rabbit - None

ATE not available in this document.

		Section 12. Ecological information		
Ecotoxicity (aquation	c and terrestria	l information)		
Toxicity		In water environment and in the soil, exposure to NHLs means exposure to Calcium and hydroxide ions.		
Acute/chronic toxic	ity to fish	LC50 (96h) for fresh water fish : 50,6 mg/l (Calcium dihydroxide)		
		LC50 (96h) for Salt water fish : 457 mg/l (Calcium dihydroxide)		
Acute/chronic toxic	ity to aquatic	EC50 (48h) for fresh water invertebrates : 49,1 mg/l (Calcium dihydroxide)		
invertebrates		EC50 (96h) for salt water invertebrates: 158 mg/l (Calcium dihydroxide)		
Acute/chronic toxic	ity to aquatic	EC50 (72h) for fresh water plants : 184,57 mg/l (Calcium dihydroxide)		
plants		NOEC (72h) for salt water plants : 48 mg/l (Calcium dihydroxide)		
Toxicity to micro-o	rganisms	In high concentration because of increases in temperature and pH, calcium oxide is used for the disinfection		
such as bacteria		of sewage sludges		
Chronic toxicity to	aquatic	NOEC (14d) for seawater invertebrates : 32 mg/l (Calcium dihydroxide)		
organisms				
Toxicity to soil dwe	lling	EC10/LC10 or NOEC for soil macro organisms : 2000 mg/kg of dry soil (Calcium dihydroxide)		
organisms		EC10/LC10 or NOEC for soil micro organisms : 12000 mg/kg of dry soil (Calcium dihydroxide)		
Toxicity to terrestri	ial flora	NOEC (21d) for terrestrial plants : 1080 mg/kg (Calcium dihydroxide)		
General effects		The product modifies the pH		
		Although this product is useful for the modification of the pH of the water (acidity reduction), a dosage of		
		over 1g/l can be harmful to aquatic life		
		A pH value > 12 will decrease rapidly due to dilution and carbonation		
Persistence and deg	gradability	Not relevant (inorganic substance)		
Bioaccumulative po	otential Not	t relevant (inorganic substance)		
Mobility in soil	Calcium dihyd	roxide reacts with moisture and/or Carbon dioxide forming Calcium Carbonate and water		
	$Ca(OH)_2 + CO$	$D_2 \longrightarrow CaCO_3 + H_2O$ which is sparingly soluble presenting a low mobility in most soils		
Results of PBT and vPBvB evaluations		tions Not relevant (inorganic substance)		
Other adverse effects		Not identified		

	Section 13. Disposal considerations
Information on	safe handling for disposal/methods of disposal/contaminated packaging
Dispose of conte	nts/container into safe container in accordance with local, regional or national regulations.
	Section 14. Transport information
UN number; Pr	oper shipping name; Class(es); Packing group (PG) of the TDG/49 CFR Regulations
NOT REGULA	TED
UN number: Pr	oper shipping name: Class(es): Packing group (PG) of the IMDG (maritime)
NOT REGULA	тер
UN number: Pr	oner shinning name: Class(es): Packing group (PG) of the IATA (air)
NOT REGULA	тер
Special precaut	ions (transport/conveyance) None
Environmental	hazards (IMDG or other) None
Bulk transport	(usually more than 450 L in canacity) Possible
Duik trunsport	Section 15. Regulatory information
Safety/health C	anadian regulations specifics Refer to Section 2 for the appropriate classification. This product has been classified in
Salety/Iteattin C	accordance with the hazard criteria of the Ha
Environmental	Canadian regulations specifies Befer to Section 3 for incredient(s) of the DSI
Safaty/health/ar	vironmental outside regulations specifics
United States OS	STA information: This product is regulated according to OSHA (20 CEP)
United States EF	A (Environmental Protection Agency) information: 40 CER Refer to the ingredients listed in Section 3 & Sections 12: 13 & 14
United States T(SA information: Refer to the incredients listed in Section 3
National Fire Pro	Section Association (NEPA):
HEALTH 3	FLAMABILITY: 0 SPECIAL HAZARDS: Refer to Section 2 & 3
HAZARD SCAI	E: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe
California Propo	sition 65: This product contains Silica. Crystalline (Quartz) that is known to the State of California to cause cancer or other
reproductive har	
	11.
- 1	Section 16. Other information
Date of the lates	Section 16. Other information St revision of the safety data sheet February 16, 2016, version 1
Date of the lates References	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS.
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Date of the lates References Abbreviations ACGIH	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists
Date of the lates References Abbreviations ACGIH ATE	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate
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Date of the lates References Abbreviations ACGIH ATE CAS CFR	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations
Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List
Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL IARC	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List International Agency for Research on Cancer
Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL IARC IATA	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List International Agency for Research on Cancer International Air Transport Association
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Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL IARC IATA IMDG LC	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List International Agency for Research on Cancer International Maritime Dangerous Goods Code Lethal concentration
Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL IARC IATA IMDG LC LD	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List International Agency for Research on Cancer International Maritime Dangerous Goods Code Lethal Concentration Lethal Dosage
Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL IARC IATA IMDG LC LD NIOSH	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List International Agency for Research on Cancer International Maritime Dangerous Goods Code Lethal Dosage National Institute for Occupational Safety and Health
Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL IARC IATA IMDG LC LD NIOSH NTP	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List International Agency for Research on Cancer International Maritime Dangerous Goods Code Lethal Dosage National Institute for Occupational Safety and Health National Toxicology Program (U.S.A.)
Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL IARC IATA IMDG LC LD NIOSH NTP OSHA	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List International Agency for Research on Cancer International Air Transport Association International Maritime Dangerous Goods Code Lethal Dosage National Institute for Occupational Safety and Health National Toxicology Program (U.S.A.) Occupational Safety and Health Administration (U.S.A.)
Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL IARC IATA IMDG LC LD NIOSH NTP OSHA PEL	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List International Agency for Research on Cancer International Maritime Dangerous Goods Code Lethal Dosage National Institute for Occupational Safety and Health National Toxicology Program (U.S.A.) Occupational Safety and Health Administration (U.S.A.) Permissible Exposure Limit
Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL IARC IATA IMDG LC LD NIOSH NTP OSHA PEL STEL	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List International Agency for Research on Cancer International Maritime Dangerous Goods Code Lethal Dosage National Institute for Occupational Safety and Health National Toxicology Program (U.S.A.) Occupational Safety and Health Administration (U.S.A.) Permissible Exposure Limit
Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL IARC IATA IMDG LC LD NIOSH NTP OSHA PEL STEL TDG	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List International Agency for Research on Cancer International Agency for Research on Cancer International Maritime Dangerous Goods Code Lethal Concentration Lethal Dosage National Institute for Occupational Safety and Health National Institute for Occupational Safety and Health National Toxicology Program (U.S.A.) Occupational Safety and Health Administration (U.S.A.) Permissible Exposure Limit Short-term Exposure Limit Transport of dangerous goods in Canada
Date of the lates References Abbreviations ACGIH ATE CAS CFR DSL IARC IARC IATA IMDG LC LD NIOSH NTP OSHA PEL STEL TDG TLV TCC	Section 16. Other information st revision of the safety data sheet February 16, 2016, version 1 Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS. American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Code of Federal Regulations Domestic Substance List International Agency for Research on Cancer International Agency for Research on Cancer International Maritime Dangerous Goods Code Lethal Concentration Lethal Concentration Lethal Dosage National Institute for Occupational Safety and Health National Toxicology Program (U.S.A.) Occupational Safety and Health Administration (U.S.A.) Permissible Exposure Limit Short-term Exposure Limit Transport of dangerous goods in Canada Threshold Limit Value Transport of Canada
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these are the only hazards that exist.