

	a with 1007/00			
		06/EC (REACH, as amend	·	
Revision date: 6 February	y 2015	Initial date of issue:	12 July 2007	SDS No. 108B-20
SECTION 1: IDENTIFICATION	ON OF THE SU	JBSTANCE/MIXTURE AN	D OF THE COMPANY	/UNDERTAKING
1.1. Product identifier				
601 Chain Drive Pin & Bushir	ng Lubricant (B	ulk)		
1.2. Relevant identified use	s of the subst	ance or mixture and uses	advised against	
Petroleum base lubricant.				
1.3. Details of the supplier	of the safety d	ata sheet		
Company: A.W. CHESTERTON COMPA 860 Salem Street Groveland, MA 01834-1507, Tel.: +1 978-469-6446 Fax (Mon Fri. 8:30 - 5:00 PM ES SDS requests: www.chesterto E-mail (SDS questions): Proc E-mail: customer.service@ch	USA : +1 978-469-6 ST) on.com luctMSDSs@cl		lier:	
1.4. Emergency telephone r	number			
24 hours per day, 7 days per Call Infotrac: 1-800-535-505 Outside N. America: +1 352-	week 3	ect)		
SECTION 2: HAZARDS IDE	NTIFICATION			
2.1. Classification of the su				
2.1.1. Classification accord	ing to Regulat	tion (EC) No 1272/2008 [C	LP] / 29 CFR 1910.12	00 / GHS
Asp. Tox. 1, H304 Aquatic Chronic 3, H412				
2.1.2. Classification accord	ing to Directiv	es 1999/45/EC and 1975/	324/EEC	
R52/53				
2.1.4. Canadian WHMIS clas				
D2B: Toxic materials causing				
2.1.5. Australian classificat				
Hazardous according to criter		k Australia.		
2.1.6. Additional informatio				
For full text of R-phrases: see	SECTIONS 2	.2 and 16.		
2.2. Label elements				
Labelling according to Reg	ulation (EC) N	lo 1272/2008 [CLP] / 29 Cl	-R 1910.1200 / GHS	
Hazard pictograms:				
Signal word:	Danger			
Hazard statements:	H304 H412	May be fatal if swallowe Harmful to aquatic life v		

Date: 6 February 2015

Precautionary statements	s: P273 P301/3 P331 P501A	10 IF Do	NOT induce vor	mmediately c niting.	t. all a POISON CENTER or do an approved waste disposal p	
Supplemental informatio	n: None					
2.3. Other hazards						
None						
SECTION 3: COMPOSITI	ON/INFORM		N INGREDIENTS			
3.2. Mixtures						
Hazardous Ingredients ¹		% Wt.	CAS No./ EC No.	REACH Reg. No.	Classification (CLP/GHS)	Classification (67/548/EEC)
Distillates (petroleum), hyd heavy naphthenic*	rotreated	70-80	64742-52-5 265-155-0	NA	Asp. Tox. 1, H304	Not classified
N-Methyl-2-pyrrolidone		1-2	872-50-4 212-828-1	NA	Repr. 1B, H360D Eye Irrit. 2, H319 Skin Irrit. 2, H315 STOT SE 3, H335	Repr. Cat. 2; R61 Xi; R36/37/38
2,6-di-tert-butyl-p-cresol		0.1-0.9	128-37-0 204-881-4	NA	[Eye Irrit. 2B, H320]** STOT SE 3, H335 Aquatic Acute 1, H410 Aquatic Chronic 1, H400 (M-factor = 1, self- classification)	Xi; R37 N; R50/53
Other ingredients: Acetic acid, C11-14-isoalky C13-rich	/l esters,	5-10	108419-35-8 283-740-9	NA	Not classified	Not classified
* 12 * Ci	MSO extract CFR 1910.12 72/2008/EC, ontrolled Prod	as measul 200, 1915, 1 67/548/EEC ucts Regula	red by IP 346. **N 916, 1917, Mass. R ;, 99/45/EC, REACH tions	light-to-Know L	sification. aw (ch. 40, M.G.LO. 111F), Cali	fornia Proposition 65
		ralia [NOHS	C: 1008 (2004)]			
SECTION 4: FIRST AID N						
4.1. Description of first a Inhalation: Remove						
	IU II ESH AIL.		hing administor	artificial rocair	ation Contact physician	
Skin contact: Wach of					ation. Contact physician.	
	n with soap	and water.	Contact physicia	n if irritation p	persists.	nersists
Eye contact: Flush eye	n with soap es for at leas	and water. at 15 minute	Contact physicia es with large amo	n if irritation p unts of water		persists.
Eye contact:Flush eyeIngestion:Do not in	n with soap es for at leas duce vomitir	and water. at 15 minute ng. Contact	Contact physicia es with large amo t physician immed	n if irritation p unts of water liately.	persists.	persists.
Eye contact:Flush eyeIngestion:Do not in4.2. Most important sympAspiration into the lungs m	in with soap es for at leas duce vomitir otoms and e ay cause ch use eye and	and water. at 15 minute ng. Contact affects, bother emical pne	Contact physicia es with large amo t physician immed th acute and dela umonitis or pulmo	n if irritation p unts of water liately. a yed onary oedema	persists.	se eye irritation. High
Eye contact:Flush eyeIngestion:Do not in4.2. Most important sympAspiration into the lungs m vapor concentration can can	in with soap es for at leas duce vomitir otoms and e ay cause ch use eye and kin irritation.	and water. at 15 minute fig. Contact f fects, bo t emical pne frespirator	Contact physicia es with large amo t physician immed th acute and dela umonitis or pulmo y irritation, heada	n if irritation p unts of water liately. a yed onary oedema che and dizzi	ersists. . Contact physician if irritation a. Direct eye contact may caus ness. Prolonged or repeated s	se eye irritation. High
Eye contact:Flush eyeIngestion:Do not in4.2. Most important sympAspiration into the lungs mvapor concentration can cadefat the skin and cause shows	in with soap es for at leas duce vomitir otoms and e ay cause ch use eye and kin irritation.	and water. at 15 minute fig. Contact f fects, bo t emical pne frespirator	Contact physicia es with large amo t physician immed th acute and dela umonitis or pulmo y irritation, heada	n if irritation p unts of water liately. a yed onary oedema che and dizzi	ersists. . Contact physician if irritation a. Direct eye contact may caus ness. Prolonged or repeated s	se eye irritation. High
Eye contact:Flush eyeIngestion:Do not in4.2. Most important sympAspiration into the lungs mvapor concentration can cadefat the skin and cause si4.3. Indication of any imm	in with soap es for at leas duce vomitir otoms and e ay cause ch iuse eye and kin irritation. nediate med	and water. at 15 minute fig. Contact ffects, bot emical pne frespirator fical attent	Contact physicia es with large amo t physician immed th acute and dela umonitis or pulmo y irritation, heada	n if irritation p unts of water liately. a yed onary oedema che and dizzi	ersists. . Contact physician if irritation a. Direct eye contact may caus ness. Prolonged or repeated s	se eye irritation. High
Eye contact:Flush eyeIngestion:Do not in4.2. Most important sympAspiration into the lungs m vapor concentration can ca defat the skin and cause si4.3. Indication of any imm Treat symptoms.	in with soap es for at leas duce vomitir otoms and e ay cause ch iuse eye and kin irritation. nediate med	and water. at 15 minute fig. Contact ffects, bot emical pne frespirator fical attent	Contact physicia es with large amo t physician immed th acute and dela umonitis or pulmo y irritation, heada	n if irritation p unts of water liately. a yed onary oedema che and dizzi	ersists. . Contact physician if irritation a. Direct eye contact may caus ness. Prolonged or repeated s	se eye irritation. High
Eye contact:Flush eyeIngestion:Do not in4.2. Most important sympAspiration into the lungs m vapor concentration can ca defat the skin and cause si4.3. Indication of any imm Treat symptoms.SECTION 5:FIRE-FIGHT	in with soap es for at leas duce vomitir otoms and e ay cause cha ay cause eye and kin irritation. nediate med	and water. at 15 minute affects, bother amical pne d respirator dical attent	Contact physicia es with large amo t physician immed th acute and dela umonitis or pulmo y irritation, heada	n if irritation p unts of water liately. ayed onary oedema che and dizzi treatment ne	ersists. . Contact physician if irritation a. Direct eye contact may caus ness. Prolonged or repeated s	se eye irritation. High
Eye contact:Flush eyeIngestion:Do not in4.2. Most important sympAspiration into the lungs m vapor concentration can can defat the skin and cause sid4.3. Indication of any imm Treat symptoms.SECTION 5:SECTION 5:FIRE-FIGHT5.1. Extinguishing media	in with soap es for at leas duce vomitin otoms and e ay cause ch- iuse eye and cin irritation. nediate med ING MEASU	and water. at 15 minute offects, bot emical pne frespirator fical attent JRES	Contact physicia es with large amo t physician immed th acute and dela umonitis or pulmo y irritation, heada tion and special	n if irritation p unts of water liately. ayed onary oedema che and dizzi treatment ne	ersists. . Contact physician if irritation a. Direct eye contact may caus ness. Prolonged or repeated s	se eye irritation. High
Eye contact:Flush eyeIngestion:Do not in4.2. Most important sympAspiration into the lungs mvapor concentration can cadefat the skin and cause si4.3. Indication of any immTreat symptoms.SECTION 5:SECTION 5:FIRE-FIGHT5.1. Extinguishing mediaSuitable extinguishing media	in with soap es for at leas duce vomitin otoms and e ay cause chro use eye and chrome eye and chrome eye and in irritation. nediate med ING MEASU edia: Car media: V	and water. at 15 minute affects, bother affects, bother affect	Contact physicia es with large amo t physician immed th acute and dela umonitis or pulmo y irritation, heada tion and special	n if irritation p unts of water liately. ayed onary oedema che and dizzi treatment ne	ersists. . Contact physician if irritation a. Direct eye contact may caus ness. Prolonged or repeated s	se eye irritation. High

5.3. Advice for firefighters

Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus.

Flammability Classification: not determined

HAZCHEM Emergency Action Code: 3 Z

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Cordon off spill area. Surfaces can be slippery. Provide adequate ventilation. Utilize exposure controls and personal protection as specified in Section 8.

6.2. Environmental Precautions

Keep out of sewers, streams and waterways.

6.3. Methods and material for containment and cleaning up

Contain spill to a small area. Pick up with absorbent material (sand, sawdust, clay, etc.) and place in a suitable container for disposal.

6.4. Reference to other sections

Refer to section 13 for disposal advice.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Utilize exposure controls and personal protection as specified in Section 8.

7.2. Conditions for safe storage, including any incompatibilities

Keep container closed when not in use. Store in a cool, dry area.

7.3. Specific end use(s)

Petroleum base lubricant. Refer to the product instructions and product data sheet for more detailed application information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limit values

Ingredients	OSH/ ppm	A PEL ¹ mg/m ³	ACGI ppm	H TLV ² mg/m ³	UK V ppm	NEL ³ mg/m ³	AUSTRA ppm	LIA ES mg/m ³
Oil mist, mineral	_	5	_	5	_	-	_	5
N-Methyl-2-pyrrolidone**	-	-	_	-	25 STEL:	103	25 STEL:	103
					75	309	75	309
2,6-di-tert-butyl-p-cresol	-	-	-	2***	-	10	-	10
Oxo-Alcohol Acetic Acid Ester*	—	-	-	-	-	-	-	-

*Chesterton recommended limit, 8 hr TWA: 50 ppm, 10 mg/m³.

**American Industrial Hygiene Association (AIHA) recommended limit, 8 hr TWA: 10 ppm, skin.

***Inhalable fraction and vapor

¹ United States Occupational Health & Safety Administration permissible exposure limits.

² American Conference of Governmental Industrial Hygienists threshold limit values.

³ EH40 Workplace exposure limits, Health & Safety Executive

Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

8.2. Exposure controls

8.2.1. Engineering measures

No special requirements. If exposure limits are exceeded, provide adequate ventilation.

8.2.2. Individual protection measures

Respiratory protection: Not normally needed. If exposure limits are exceeded, use approved organic vapor respirator.

Protective gloves: Chemical resistant gloves (e.g. Viton*, neoprene, nitrile). *DuPont's registered trademark.

Other:

Eye and face protection: Safety goggles or glasses.

Impervious gloves and clothing as necessary for repetitive, prolonged contact with liquid.

8.2.3. Environmental exposure controls

Refer to sections 6 and 12.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	low viscosity liquid	Odour	petroleum odor
Colour	amber	Odour threshold	not determined
Initial boiling point	220°C (428°F)	Vapour pressure @ 20°C	not determined
Melting point	not determined	% Aromatics by weight	< 1%
% Volatile (by volume)	9%	pH	not applicable
Flash point	132°C (270°F)	Relative density	0.9 kg/l
Method	PM Closed Cup	Weight per volume	7.5 lbs/gal.
Viscosity	28 cps @ 25°C	Coefficient (water/oil)	< 1
Autoignition temperature	not determined	Vapour density (air=1)	> 1
Decomposition temperature	not determined	Rate of evaporation (ether=1)	< 1
Upper/lower flammability or	not determined	Solubility in water	slightly soluble
explosive limits		-	
Flammability (solid, gas)	not applicable	Oxidising properties	not determined
Explosive properties	not determined	-	
9.2 Other information			

9.2. Other information

Kinematic viscosity at 40°C: 17.7 cSt.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Refer to sections 10.3 and 10.5.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under conditions of normal use.

10.4. Conditions to avoid

Open flames and red hot surfaces.

10.5. Incompatible materials

Caustics, strong oxidizers like liquid Chlorine and concentrated Oxygen.

10.6. Hazardous decomposition products

Carbon Monoxide, Carbon Dioxide and other toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Primary route of exposure Inhalation, skin and eye contact. **under normal use:**

Acute toxicity -

Oral:

Substance	Test	Result
Distillates (petroleum), hydrotreated	LD50, rat	> 5000 mg/kg,
heavy naphthenic		estimated
Acetic acid, C11-14-isoalkyl esters,	LD50, rat	> 5000 mg/kg
C13-rich		
N-Methyl-2-pyrrolidone	LD50, rat	3598 mg/kg
2,6-di-tert-butyl-p-cresol	LD50, rat	6000 mg/kg

Dermal:			_	
	Substance	Test	Result	
	Distillates (petroleum), hydrotreated heavy naphthenic	LD50, rat	> 2000 mg/kg, estimated	
	Acetic acid, C11-14-isoalkyl esters, C13-rich	LD50, rabbit	> 5000 mg/kg	
	N-Methyl-2-pyrrolidone	LD50, rabbit	8000 mg/kg	
	2,6-di-tert-butyl-p-cresol	LD50, rat	2000 mg/kg	
Inhalation:	High vapor concentration can cause eye and re	· ·		
	Substance	Test	Result	
	Distillates (petroleum), hydrotreated heavy naphthenic	LC50, rat, 4 hours	> 5 mg/l, estimated	
	N-Methyl-2-pyrrolidone	LC50, rat, 4 hours	> 5.1 mg/l	
Skin corrosion/irritation:	Prolonged or repeated skin contact may c	efat the skin and cause skin irritat	lion.	
	Substance	Test	Result	
	Distillates (petroleum), hydrotreated	Skin irritation, rabbit	< 0.5 / 8.0,	
	heavy naphthenic		estimated	
	Acetic acid, C11-14-isoalkyl esters, C13-rich	Skin irritation, rabbit	Slightly irritating	
	N-Methyl-2-pyrrolidone	Skin irritation, rabbit, human experience	Irritating	
Serious eye damage/ irritation:	Direct eye contact may cause eye irritatio	n.		
	Substance	Test	Result	
	Distillates (petroleum), hydrotreated	Eye irritation, rabbit	< 15 / 110,	
	heavy naphthenic		estimated	
	Acetic acid, C11-14-isoalkyl esters, C13-rich	Eye irritation, rabbit	Slightly irritating	
	N-Methyl-2-pyrrolidone	Eye irritation, rabbit	Moderate irritation	
Respiratory or skin sensitisation:	Distillates (petroleum), hydrotreated heav sensitizing based on data from similar pro the classification criteria are not met. Ace any evidence of skin irritation or skin sens volunteers.	ducts. N-Methyl-2-pyrrolidone: ba tic acid, C11-14-isoalkyl esters, C	sed on available data, 13-rich: did not produce	
Germ cell mutagenicity:	Distillates (petroleum), hydrotreated heav and has a negative potential for tumor dev Assay, with a Mutagenic Index of less tha based on available data, the classification C13-rich: expected to be non-mutagenic b	velopment based on results from t n 1.0. N-Methyl-2-pyrrolidone 2,6- criteria are not met. Acetic acid, (he Modified Ames di-tert-butyl-p-cresol: C11-14-isoalkyl esters,	
Carcinogenicity:	As per 29 CFR 1910.1200 (Hazard Communication), this product contains no carcinogens as listed by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), the Occupational Safety and Health Administration (OSHA) or Regulation (EC) No 1272/2008.			
Reproductive toxicity:	Distillates (petroleum), hydrotreated heav criteria are not met. N-Methyl-2-Pyrrolidor studies. WARNING: This product contain reproductive toxicity. 2,6-di-tert-butyl-p-cre acid, C11-14-isoalkyl esters, C13-rich, ma NOAEL, rat: 2500 mg/kg / day.	he has produced reproductive/tera s chemical(s) known to the State esol: not expected to be a reprodu	togenic effects in animal of California to cause ictive toxicant. Acetic	
STOT-single exposure:	Distillates (petroleum), hydrotreated heav criteria are not met. Acetic acid, C11-14-is cause eye and respiratory irritation, heada butyl-p-cresol: May cause respiratory irrita	soalkyl esters, C13-rich: High vap ache and dizziness. N-Methyl-2-py	or concentration can	
STOT-repeated exposure:	Distillates (petroleum), hydrotreated heav data, the classification criteria are not me 90-day oral subchronic study, rat: 500 mg	. Acetic acid, C11-14-isoalkyl este		

Aspiration hazard:	May be fatal if swallowed and enters airways.
Other information:	None

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. The information given below is based on a knowledge of the components and the ecotoxicology of similar substances.

12.1. Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment [2,6-di-tert-butyl-p-cresol: 48 h EC50 (for daphnia) = 0.48 mg/l]. Distillates (petroleum), hydrotreated heavy naphthenic, N-Methyl-2-pyrrolidone: available data indicate this product is not acutely toxic.

12.2. Persistence and degradability

Distillates (petroleum), hydrotreated heavy naphthenic: 31% biodegradation (OECD 301F, 28 days). Acetic acid, C11-14-isoalkyl esters, C13-rich: expected to biodegrade slowly in soil and water. N-Methyl-2-pyrrolidone; biodegradation: 73% (OECD 301C, 28 days), readily biodegradable. 2,6-di-tert-butyl-p-cresol: not readily biodegradable.

12.3. Bioaccumulative potential

Distillates (petroleum), hydrotreated heavy naphthenic, N-Methyl-2-pyrrolidone: not expected to bioaccumulate. Acetic acid, C11-14-isoalkyl esters, C13-rich: expected to bioaccumulate. 2,6-di-tert-butyl-p-cresol: may bioaccumulate in fish and aquatic organisms (BCF = 230 – 2500, fish, 56 days; log Kow = 5.1).

12.4. Mobility in soil

Low viscosity liquid. Slightly soluble in water. negligible. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9). Distillates (petroleum), hydrotreated heavy naphthenic: large volumes may penetrate soil and contaminate groundwater. Acetic acid, C11-14-isoalkyl esters, C13-rich: expected to have high affinity for adsorption to soil and sediments. N-Methyl-2-pyrrolidone: expected to have very high mobility in soils.

12.5. Results of PBT and vPvB assessment

Not available

12.6. Other adverse effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Incinerate absorbed material with a properly licensed facility. Free product should be incinerated or may be amenable to fuels blending. Check local, state and national/federal regulations and comply with the most stringent requirement. This product is classified as a hazardous waste according to 2008/98/EC.

European List of Wastes code: 13 02 05

SECTION 14: TRANSPORT INFORM	ATION
14.1. UN number	
ADR/RID/ADN/IMDG/ICAO:	NOT APPLICABLE
TDG:	NOT APPLICABLE
US DOT:	NOT APPLICABLE
14.2. UN proper shipping name	
ADR/RID/ADN/IMDG/ICAO:	NON-HAZARDOUS, NON REGULATED
TDG:	NON-HAZARDOUS, NON REGULATED
US DOT:	NON-HAZARDOUS, NON REGULATED
14.3. Transport hazard class(es)	
ADR/RID/ADN/IMDG/ICAO:	NOT APPLICABLE
TDG:	NOT APPLICABLE
US DOT:	NOT APPLICABLE
14.4. Packing group	
ADR/RID/ADN/IMDG/ICAO:	NOT APPLICABLE
TDG:	NOT APPLICABLE
US DOT:	NOT APPLICABLE
14.5. Environmental hazards	
NOT APPLICABLE	
14.6. Special precautions for user	
NOT APPLICABLE	
14.7. Transport in bulk according to NOT APPLICABLE	Annex II of MARPOL73/78 and the IBC Code

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14.8. Other infor	mation				
NOT APPLI					
SECTION 15: RE	EGULATO	RY INFORMATIC	ON		
15.1. Safety, hea	Ith and en	vironmental reg	ulations/legislat	tion specific for the substa	ince or mixture
15.1.1. EU regula	ations				
Authorisations u	Inder Title	VII: Not applic	able		
Restrictions und	ler Title VI	II: None			
Other EU regulat	tions: No	one			
15.1.2. National					
US EPA SARA TI	-			Hazardous Materia	Is Identification System (HMIS)
312 Hazards:	313 Chen	nicals:		4 = Severe Hazard	HEALTH 1
Immediate	N-Methy	l-2-pyrrolidone	1-2%	3 = Serious Hazard 2 = Moderate Hazard	FLAMMABILITY 1
				1 = Slight Hazard 0 = Minimal Hazard	PHYSICAL HAZARD 1
				* = See Section 8	Personal Protection *
Other national re	egulations	: None			
15.2. Chemical s	afety asse	essment			
No Chemical Safe	ety Assessi	ment has been ca	arried out for this	substance/mixture by the su	ipplier.
SECTION 16: 0	THER INFO	ORMATION			
and acronyms:	ATE: Act BCF: Bio CLP: Cla ES: Expo GHS: Glo ICAO: In IMDG: In LC50: Le LD50: Le LOEL: LO N/A: Not NOAEL: NOEL: N PBT: Per (Q)SAR: REACH: RID: Reg SDS: Sa STEL: SI STOT: S TDG: Tra US DOT: vPvB: ve WEL: Wo WHMIS:	ute Toxicity Estim concentration Fa ssification Labell osure Standard obally Harmonize ternational Civil A ternational Mariti othal Concentratio thal Concentratio thal Dose to 50% owest Observed F Applicable No Observed Ad o Observed Effect sistent, Bioaccur Quantitative Stru Registration, Eva gulations concern fety Data Sheet nort Term Exposu pecific Target Or ansportation of Da t United States D ry Persistent and orkplace Exposur Workplace Haza	hate actor ing Packaging Re Aviation Organizat me Dangerous G on to 50 % of a te of a test populat Effect Level verse Effect Level verse Effect Level nulative and Toxi icture-Activity Rel aluation, Authorisat ing the Internation ure Limit gan Toxicity angerous Goods epartment of Trait very Bioaccumul re Limit rdous Materials In	ioods st population tion c substance lationship ation and Restriction of Cher nal Carriage of Dangerous G (Canada) nsportation	micals Regulation (1907/2006/EC) Soods by Rail
Key literature ret and sources for	ferences	Commission de European chem European Chen Hazardous Sub Hazardous Sub	la santé et de la nical Substances nicals Agency (E0 stances Data Bar	sécurité du travail (CSST) Information System (ESIS) CHA) - Information on Chemi nk (HSDB) ion System (HSIS)	

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Classification		Classification procedure
Asp. Tox. 1, H304		On basis of test data
Aquatic Chronic 3, H4	quatic Chronic 3, H412 Calculation method	
Relevant H-statement	H315: Causes s H319: Causes s H335: May caus H360D: May da	atal if swallowed and enters airways. skin irritation. serious eye irritation. se respiratory irritation. mage fertility or the unborn child. o aquatic life with long lasting effects.
Relevant R-phrases:	R52/53: Harmful to	g to eyes, respiratory system and skin. aquatic organisms, may cause long-term adverse effects in the aquatic environment. Irm to the unborn child.
Hazard pictogram nar	nes: Health hazar	1
Changes to the SDS i	n this revision: S	ections 2.1, 2.2, 3.2, 5.3, 8.1, 9, 11.1, 12.1, 12.2, 12.3, 12.4, 16.
Further information:	None	
		by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied 's particular purpose. The user must make their own determination as to suitability.