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CECTION 4. Identification of the set	atom a lugiviture and of the compositive dantables
	ostance/mixture and of the company/undertaking
• 1.1 Product identifier	
Trade name:	NitramOil #2
 Article number: 1.2 Relevant identified uses of the substance or mixture and uses advised against 	No further relevant information available.
Application of the substance / the mixture	Lubricant
1.3 Details of the supplier of the safety of Manufacturer/Supplier:	data sheet Sirona Dental A/S Rho 10 DK-8382 Hinnerup Denmark Tel.: +45 87439060 Fax: +45 87439061 E-mail: contact.hygiene@sirona.com Homepage: http://www.sirona.com
Further information obtainable from: 1.4 Emergency telephone number:	Environment protection department Advice centre for poisoning university Mainz phone +49(0)6131/19240 or poison information:+49(0)700/GIFTINFO
SECTION 2: Hazards identification	
· 2.1 Classification of the substance or m	ixture
Classification according to Regulation (EC) No 1272/2008	The product is not classified according to the CLP regulation.
 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 	Void
Hazard pictograms Signal word	Void Void
 Signal word Hazard statements 2.3 Other hazards 	Void
 Results of PBT and vPvB assessment 	
· PBT:	Not applicable.
· vPvB:	Not applicable.
SECTION 3: Composition/information	on on ingredients
• 3.2 Chemical characterisation: Mixtures • Description:	
 Dangerous components: Additional information: 	Void For the wording of the listed hazard phrases refer to section 16.
SECTION 4: First aid measures	
• 4.1 Description of first aid measures	
After inhalation:	Position and transport stably in side position. Take affected persons out of danger area and lay down. Seek medical treatment in case of complaints.
	In case of unconsciousness place patient stably in side position for transportation Supply fresh air; consult doctor in case of complaints. Take affected persons into fresh air and keep quiet. Supply fresh air.
After skin contact:	Generally the product does not irritate the skin. If skin irritation continues, consult a doctor.
After eye contact: After swallowing:	Rinse opened eye for several minutes under running water. Seek medical treatment. If symptoms persist consult doctor.
C C	A person vomiting while laying on their back should be turned onto their side. Do not induce vomiting; call for medical help immediately.
4.2 Most important symptoms and effects, both acute and delayed 4.2 Indiaction of any immediate mediate	No further relevant information available.
 4.3 Indication of any immediate medical attention and special treatment needed 	No further relevant information available.
SECTION 5: Firefighting measures	
 • 5.1 Extinguishing media • Suitable extinguishing agents: 	CO2, powder or water spray. Fight larger fires with water spray or alcohol resista
For optaty roocone unquitable	foam. Use fire extinguishing methods suitable to surrounding conditions.
 For safety reasons unsuitable extinguishing agents: 5.2 Special hazards arising from the 	Water with full jet
substance or mixture	In case of fire, the following can be released: Carbon monoxide (CO)

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 5.3 Advice for firefighters Protective equipment: Additional information 	Wear self-contained respiratory protective device Wear fully protective suit. Cool endangered receptacles with water spray. Dispose of fire debris and contaminated fire fight official regulations.	
SECTION 6: Accidental release mea	sures	
• 6.1 Personal precautions, protective equipment and emergency procedures • 6.2 Environmental precautions:	Particular danger of slipping on leaked/spilled pro Remove persons from danger area. Wear protective clothing. Ensure adequate ventilation Use respiratory protective device against the effe Do not allow to enter sewers/ surface or ground v Inform respective authorities in case of seepage	ects of fumes/dust/aerosol. water.
 6.3 Methods and material for containment and cleaning up: 6.4 Reference to other sections 	system. Absorb with liquid-binding material (sand, diatom sawdust). Dispose contaminated material as waste accordi No dangerous substances are released. See Section 7 for information on safe handling. See Section 8 for information on personal protect	ng to item 13.
	See Section 13 for disposal information.	
SECTION 7: Handling and storage		
• 7.1 Precautions for safe handling • Information about fire - and explosion	Prevent formation of aerosols. Keep receptacles tightly sealed. No special precautions are necessary if used con Avoid the formation of oil haze. Ensure good interior ventilation, especially at floo air).	-
protection:	No special measures required. Keep ignition sources away - Do not smoke.	
 7.2 Conditions for safe storage, includin Storage: Requirements to be met by storerooms and receptacles: 	ng any incompatibilities Store only in the original receptacle. Store in a cool location.	
 Information about storage in one common storage facility: 	Store away from foodstuffs. Store away from oxidising agents.	
 Further information about storage conditions: 7.3 Specific end use(s) 	Store receptacle in a well ventilated area. Protect from heat and direct sunlight. Store in cool, dry conditions in well sealed recept Keep container tightly sealed. Protect from heat and direct sunlight. No further relevant information available.	acles.
SECTION 8: Exposure controls/pers	sonal protection	
 Additional information about design of technical facilities: 	No further data; see item 7.	
 8.1 Control parameters Ingredients with limit values that require monitoring at the workplace: 	The product does not contain any relevant quant that have to be monitored at the workplace.	ities of materials with critical values
ONELs 2,6-Di-tert-butyl-p-kresol Dermal DNEL Long-term - systemic effe Inhalative DNEL Long-term - systemic effe · PNECs		
2,6-Di-tert-butyl-p-kresol PNEC Soil (Boden) PNEC Fresh water sediment (Süßwassers PNEC freshwater (Süßwasser) PNEC marine water (Meerwasser) PNEC mikrobiological activity in waste wat	0.004 mg/l () 0.004 mg/l ()	(Contd. on page 3) GB -

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Trade name: NitramOil #2		
Additional information:	(Contd. of page	2)
	The lists valid during the making were used as basis.	
 • 8.2 Exposure controls • Personal protective equipment: 		
General protective and hygienic		
measures:	Avoid close or long term contact with the skin.	
 Respiratory protection: 	Use suitable respiratory protective device in case of insufficient ventilation.	
	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.	
 Protection of hands: 	The glove material has to be impermeable and resistant to the product/ the	
	substance/ the preparation.	
	Due to missing tests no recommendation to the glove material can be given for the	
	product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of	
	diffusion and the degradation	
 Material of gloves 	Nitrile rubber, NBR	
	The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the	
	product is a preparation of several substances, the resistance of the glove material	
	can not be calculated in advance and has therefore to be checked prior to the	
Departmention time of alove motorial	application.	
Penetration time of glove material	Value for the permeation: Level \leq 0,7 mm 480min (8h) EN374 The determined penetration times according to EN 374 part III are not performed	
	under practical conditions. Therefore a maximum wearing time, which corresponds	
	to 50% of the penetration time, is recommended.	
	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.	
Eye protection:	Goggles recommended during refilling	
V - F		
SECTION 9: Physical and chemical	properties	
• 9.1 Information on basic physical and	chemical properties	
General Information Appearance:		

General Information	
Appearance: Form:	Fluid
Colour: • Odour:	Light yellow
Odour: Odour: Odour threshold:	Product specific Not determined.
· pH-value:	Not determined.
 Change in condition Initial boiling point and boiling range: Pour point 	Undetermined. < -40 °C (DIN ISO 3016)
· Flash point:	> 200 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Not determined.
 Vapour pressure at 20 °C: 	<0,001 hPa
 Density at 20 °C: Relative density Vapour density Evaporation rate 	0,85 g/cm ³ Not determined. Not determined. Not determined.
 Solubility in / Miscibility with water: 	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined.
 Viscosity: Dynamic: Kinematic at 40 °C: 	Not determined. 25 mm²/s
 Solvent content: Organic solvents: 9.2 Other information 	0,0 % No further relevant information available.
SECTION 10: Stability and reactivity	
· 10.1 Reactivity	No further relevant information available.
 10.2 Chemical stability Thermal decomposition / conditions to be avoided: 10.2 Boogethility of herereleve receiptions 	No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions
 10.4 Conditions to avoid
 No further relevant information available.

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10.5 incompatible materials: oxidizing agents 10.6 incompatible materials: oxidizing agents 10.6 incompatible materials: oxidizing agents 10.6 incompatible materials: doxide, Cathon manade, Methanal SECTION 11: Toxicological information 11.1 information on toxicological effects. acate toxicoly Acute toxicoly Based on available data, the classification criteria are not met. LOLCSD values relevant for classification: ZeD-itert-buryl-phresol Oral [DSD >5.000 mg/kg (rat) Pirmary infraint effect: ZeD-itert-buryl-phresol Initiation of ages (DECD) (rabbit) Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Subclassification criteria are not met. Based on available data, the classification criteria are not met. Subclassification	Trade name: NitramOil #2	
SECTION 11: Toxicological information • 11.1 Information on toxicological effects Acute toxicity Based on available data, the dassification criteria are not met. • LDUCS0 values relevant for classification: 24-D+tert-buty-p-kresol	10.6 Hazardous decomposition	oxidizing agents Hazardous thermal decomposition products may include: Formaldehyde, Carbon
• 11.1 Information on toxicological effects Based on available data, the classification criteria are not met. • LDUCG0 values relevant for classification: 24.00 Left-hult-p-faceol • Oral LDS0 > 5.000 mg/kg (rat) • Dermal LDS0 > 5.000 mg/kg (rat) Primary instant effect: • Skin corresolv/instaion instain of effect: • Skin corresolv/instaion ZeD-Hert-bult-p-kresol • Instaion of eyes [OECD] - (rabbit) Based on available data, the classification criteria are not met. • Subacute to dynamic bulk Based on available data, the classification criteria are not met. • Subacute to dynamic bulk Based on available data, the classification criteria are not met. • Subacute to dynamic bulk Based on available data, the classification criteria are not met. • Subacute to dynamic bulk Based on available data, the classification criteria are not met. • Subacute to dynamic bulk Based on available data, the classification criteria are not met. • Subacute to dynamic bulk Based on available data, the classification criteria are not met. • Subacute to dynamic bulk Based on available data, the classification criteria are not met. • STOT-repeated exposure Based on available data, the classification criteria are not met. • StoTOT-repeated ex		· · · · · · · · · · · · · · · · · · ·
Acute toxicity		
• LDUCG0 values relevant for classification: 24-07-bit-buty-p-kresol Orai LDS0 5.000 mg/kg (rai) Dermal, LDS0 5.000 mg/kg (rai) Permary instant effect: Skin corrososim/instation irritation of skin (DECD Add1_ (rabbit) Irritation of skin (DECD Add1_ (rabbit) Based on available data, the classification criteria are not met. • Respiratory or skin sensitisation Based on available data, the classification criteria are not met. • Subacute to chronic toxicity: • Ap-Ditert-buty-p-kresol Irritation of eyes [DECD] - (rabbit) Based on available data, the classification criteria are not met. • Subacute to chronic toxicity: • Subacute to chronic toxicity: • CMR effects (cascinogenity, mutagenicity and toxicity for reproduction) • CRR effects (cascinogenity, mutagenicity and toxicity for reproduction) • STOT-respeated exposure Based on available data, the classification criteria are not met. • Store repeated exposure Based on available data, the classification criteria are not met. • Store repeated exposure Based on available data, the classification criteria are not met. • Store repeated exposure Based on available data, the classification criteria are not met. <t< th=""><th></th><th></th></t<>		
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- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.		a oritoria are not mot
2.6-Di-tert-butyl-p-kresol Orail NOAEL (900) [100 mg/kg (rat) CMR effects (carcinogenity, mutagenicity and toxicity for reproduction) Germ cell mutagenicity Based on available data, the classification criteria are not met. Carcinogenity, mutagenicity Based on available data, the classification criteria are not met. Stort Single exposure Based on available data, the classification criteria are not met. Stort Single exposure Based on available data, the classification criteria are not met. Appration hazard Based on available data, the classification criteria are not met. SECTION 12: Ecological information - -12.1 Toxicity - -Appration hazard Based on available data, the classification criteria are not met. SECTION 12: Ecological information - -12.1 Toxicity - -26.01-tert-butyl-p-kresol - ECS0 (48h) [0.17 mg/l (daphnia magnia/gr. Wasserfloh) ECS0 (72h) [0.42 mg/l (Desmodesmus subspicatus/Grinalge) LCS0 77h) [0.42 mg/l / 21d (daphnia magnia/gr. Wasserfloh) - 12.2 Persistence and degradability No further relevant information available. • Additional acological information: - • Cast events of PBT and vPvB assessment Forware	 Respiratory or skin sensitisation 	Based on available data, the classification criteria are not met.
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• Reproductive toxicity Based on available data, the classification criteria are not met. • STOT-repeated exposure Based on available data, the classification criteria are not met. • Apprintion hazard Based on available data, the classification criteria are not met. • SECTION 12: Ecological information • • 12.1 Toxicity • • Aquatic toxicity: • 2.6-07-tert-butyl-p-kresol • ECS0 (48h) 0.17 mg/l (daphnia magnia/gr. Wasserfloh) ECS0 (72h) 0.42 mg/l (dapnemosermus subspicatus/Grinalge) LCS0 (72h) 0.57 mg/l (danio rerior) Zebrabiting) NOEC >0.39 mg/l /21d (daphnia magnia/gr. Wasserfloh) • 12.2 Persistence and degradability No further relevant information available. NOEC >0.37 mg/l (danio rerior) Zebrabiting) No further relevant information available. • Additional ecological information: No further relevant information available. • Additional ecological information: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water • Do not allow undiluted product or large quantities of it to reach ground water, water couse or swedge system. • PBT: Not applicable. •	Germ cell mutagenicity	Based on available data, the classification criteria are not met.
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• 14.1 UN-Number • ADR, ADN, IMDG, IATA Void • 14.2 UN proper shipping name • ADR, ADN, IMDG, IATA Void • ADR, ADN, IMDG, IATA Void • Class Void (Contd. on page 5)	 Uncleaned packaging: Recommendation: 	Non contaminated packagings may be treated like household garbage.
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Class Void (Contd. on page 5)		

Printing date 02.11.2017

Version number 1801

Trade name: NitramOil #2		
 14.4 Packing group ADR, IMDG, IATA 14.5 Environmental hazards: Marine pollutant: 14.6 Special precautions for user 14.7 Transport in bulk according to An the IBC Code UN "Model Regulation": 	(Contd. of page 4) Void No Not applicable. Not applicable. Void	
SECTION 15: Regulatory information • 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture • Directive 2012/18/EU • Named dangerous substances - ANNEX I • None of the ingredients is listed. • 15.2 Chemical safety assessment:		
SECTION 16: Other information This information is based on our present features and shall not establish a legally v	knowledge. However, this shall not constitute a guarantee for any specific product alid contractual relationship.	
Department issuing SDS: Abbreviations and acronyms: * Data compared to the previous version	Environment protection department. ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative	
 * Data compared to the previous version altered. 		