(in accordance with Regulation (EU) 2020/878)

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SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: LUBRICANT Product Code: IT00707 UFI 5MU0-Y9HE-Q000-6P5G

1.2 Relevant identified uses of the mixture and uses advised against.

Neutral Lubricant (Pipes with elastic joint)

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Maker:

Company:	IT3 S.A.
Address:	POL.IND. CAN BARRI C/ DELS ESQUEIS,25
City:	08415 BIGUES I RIELLS
Province:	BARCELONA
Telephone:	+34 938656828
Fax:	+34 938658926
E-mail:	info@it3sa.com
Web:	www.it3sa.com

Distributor:

Company:	Be Global Supplies, S.L.
Address:	C/. Sant Màrius, 13
City:	08021 Barcelona
Province:	Barcelona

1.4 Emergency telephone number: +34 938656828 (Only available during office hours; Monday-Thursday; 08:00-17:00 -Friday; 08:00-14:00)

Toxicological information (National Institute of forensic science and toxicology) service phone: + 34 915620420. Information in Spanish (24 h/365 days). Only with the purpose of providing emergency health response.

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the mixture.

In accordance with Regulation (EU) No 1272/2008:

The product is not classified as dangerous according to Regulation (EU) No 1272/2008.

2.2 Label elements.

Labelling in accordance with Regulation (EU) No 1272/2008:

Pictograms: None Signal Word: None H statements: None P statements: EUH210 — 'Safety data sheet available on request'.

2.3 Other hazards.

The product may have the following additional risks: Do not ingest

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

			(*)Classification - Regulation (EC) No 1272/2008	
Identifiers	Name	Concentrate	Classification	specific concentration limit
CAS No: 102-71-6 EC No: 203-049-8 Registration No: 01- 2119486482-31-XXXX	[1] 2,2',2"-nitrilotriethanol	>= 2,5% < 10%	-	-
CAS No: 26183-52-8 EC No: 500-046-6	Decan-1-ol, ethoxylated	>= 2,5% < 10%	Acute Tox. 4, H302 - Eye Irrit 2, H319	-

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

[1] Substance with a Community workplace exposure limit (see section 8.1).

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Dont let the person to rub the affected eye.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed.

Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate.

4.3 Indication of any immediate medical attention and special treatment needed.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

SECTION 5: FIREFIGHTING MEASURES.

The product is NOT classified as flammable, in case of fire the following measures should be taken:

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5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the mixture.

Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up.

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8. For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills. The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

There are no specific recommendations for use of this product other than those already mentioned.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m ³
		España [1]	Eight hours		5
			Short term		
2.21.21 nitrilatriathanal	102-71-6	Portugal [2]	Eight hours		5
2,2',2"-nitrilotriethanol			Short term		
		Curving [2]	Eight hours	0,8	5
		Sverige [3]	Short term	1,6	10

[1] Según la lista de Valores Límite Ambientales de Exposición Profesional adoptados por el Instituto Nacional de Seguridad y Salud en el Trabajo (INSST) para el año 2018.

[2] De acordo com Português Padrão 1796 adotou pelo Instituto português de qualidade.

[3] According Occupational Exposure Limit Values and Measures against Air Contaminants adopted by Swedish Work Environment Authority.

The product does NOT contain substances with Biological Limit Values. Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Туре	Value
	DNEL (Workers)	Inhalation, Long-term, Local effects	5 (mg/m ³)
	DNEL (General population)	Inhalation, Long-term, Local effects	1,25 (mg/m ³)
	DNEL (Workers)	Inhalation, Long-term, Systemic effects	5 (mg/m ³)
2,2',2"-nitrilotriethanol CAS No: 102-71-6 EC No: 203-049-8	DNEL (General population)	Inhalation, Long-term, Systemic effects	1,25 (mg/m ³)
	DNEL (Workers)	Dermal, Long-term, Systemic effects	6,3 (mg/kg bw/day)
	DNEL (General population)	Dermal, Long-term, Systemic effects	3,1 (mg/kg bw/day)
	DNEL (General population)	Oral, Long-term, Systemic effects	13 (mg/kg bw/day)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated. DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Concentration levels PNEC:

Name	Details	Value
	water (freshwater)	0,32 (mg/L)
	water (marine water)	0,032 (mg/L)
	water (intermittent releases)	5,12 (mg/L)
2,2',2"-nitrilotriethanol	STP	10 (mg/L)
CAS No: 102-71-6	sediment (freshwater)	1,7 (mg/kg
EC No: 203-049-8		sediment dw)
Le No. 203 045-0	sediment (marine water)	0,17 (mg/kg
		sediment dw)
	soil	0,151 (mg/kg
		soil dw)

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.

Measures of a technical nature:

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Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %
Uses:	Neutral Lubricant(Pipes with elastic joint)
Breathing protect	tion:
If the recommende	d technical measures are observed, no individual protection equipment is necessary.
Hand protection:	
If the product is ha	ndled correctly, no individual protection equipment is necessary.
Eye protection:	
If the product is ha	ndled correctly, no individual protection equipment is necessary.
Skin protection:	
PPE: Characteristics:	Work footwear. «CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Physical state: Pasty Colour: Orange Odour: Soft Odour threshold: N.A./N.A. Melting point: N.A./N.A. Freezing point: N.A./N.A. Boiling point or initial boiling point and boiling range: 250°C Flammability: non-flammable Lower explosion limit: N.A./N.A. Upper explosion limit: N.A./N.A. Flash point: 180 °C Auto-ignition temperature: N.A./N.A. Decomposition temperature: N.A./N.A. pH: 7.8. Viscosity: N.A./N.A. Kinematic viscosity: N.A./N.A. Solubility: N.A./N.A. Hydrosolubility: N.A./N.A. Liposolubility: N.A./N.A. Partition coefficient n-octanol/water (log value): N.A./N.A. Vapour pressure: 10 mmHg Absolute density: N.A./N.A. Relative density: 0.91 gr/cm3 Relative vapour density: N.A./N.A. Particle characteristics: N.A./N.A.

N.A./N.A.= Not Available/Not Applicable due to the nature of the product

9.2 Other information.

Dropping point: N.A./N.A. Blink: N.A./N.A. N.A./N.A.= Not Available/Not Applicable due to the nature of the product

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

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The product does not present hazards by their reactivity.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

10.4 Conditions to avoid.

Avoid any improper handling.

10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products.

No decomposition if used for the intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION.

IRRITANT PREPARATION. Splatters in the eyes can cause irritation.

11.1 Information on hazard classes as defined in Regulation (EC) Nº 1272/2008.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Splatters in the eyes can cause irritation and reversible damage.

Toxicological information about the substances present in the composition.

Name			Acute toxicity			
		Туре	Test	Kind	Value	
			LD50	Rat	5530 mg/kg bw [1]	
			LD50	Rat	6400 mg/kg bw [2]	
		Oral				
			[1] Nationa	I Technical Info	ormation Service. Vol. OTS0516797	
			[2] Study re	eport, 1966.		
2,2',2"-nitrilotriethanol	2,2',2"-nitrilotriethanol		LD50	Rabbit	> 22500 mg/kg bw [1]	
			LD50	Rabbit	>2000 mg/kg bw (24 h) [2]	
		Dermal				
			[1] Union Carbide Data Sheet. Vol. 3/18/1965			
			[2] Experim	ental result, 19	989.	
			CL0	Rat	1.8 mg/m3 (8H) [1]	
		Inhalation				
CAS No: 102-71-6	EC No: 203-049-8	IIIIaiatiOII	[1] Valor ex	perimental, Mé	étodo equivalente o similar a OCDE	
			401(Quimid	lroga)		

a) acute toxicity;

Not conclusive data for classification.

Acute Toxicity Estimate (ATE): Mixtures: ATE (Oral) = 29.940 mg/kg

b) skin corrosion/irritation; Not conclusive data for classification.

c) serious eye damage/irritation; Not conclusive data for classification.

d) respiratory or skin sensitisation; Not conclusive data for classification.

e) germ cell mutagenicity; Not conclusive data for classification.

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f) carcinogenicity; Not conclusive data for classification.

g) reproductive toxicity; Not conclusive data for classification.

h) STOT-single exposure; Not conclusive data for classification.

i) STOT-repeated exposure; Not conclusive data for classification.

j) aspiration hazard; Not conclusive data for classification.

11.2 Information on other hazards.

Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information

There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
Name	Туре	Test	Kind	Value
2,2',2"-nitrilotriethanol	Fish	Toxicities c (Pimephale Environ.Stu p [2] Experir scientific p instead of 203). [3] Experir however, e according t [4] Study r however, e	of Organic Chemicals es promelas), Volume ud., Univ.of Wisconsin nental result, Study n rinciples. however, ex 96 h according to rec nental result, Data fro exposure period only to recent guidelines (5. Ctr. for Lake Superior n-Superior, Superior, WI :332 neets generally accepted kposure period only 24 h tent guidelines (e.g. OECD om reliable database. 48 h instead of 96 h e.g. OECD 203). oted scientific principles. 48 h instead of 96 h
	Aquatic invertebrates	EC50 EC50 EC50	Crustacean Artemia salina Daphnia magna	610 mg/l (48 h) [1] 5600 mg/L (24 h) [2] 2038 mg/l (24 h) [3]

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		[1] Warne, M.S.J., and A.D. Schifko 1999. Toxicity of Laundry Detergent Components to a Freshwater Cladoceran and Their Contribution to Detergent Toxicity. Ecotoxicol.Environ.Saf. 44(2):196-206
		 [2] Brine shrimp bioassay and seawater BOD of petrochemicals. Price KS, Waggy GT and Conway RA, 1974. [3] Results of the harmful effects of water pollutants to Daphnia magna in the 21 day reproduction test. Kuehn R, Pattard M, Pernak KD and Winter A. 1989.
		ColpodaEC0Scenedesmus160 mg/l [1]TTCquadricauda715 mg/l (8 d) [2]EC50Scenedesmus750 mg/l (48 h) [3]subspicatussubspicatus
CAS No: 102-71-6 EC No: 203-049-8	Aquatic plants	 Handbook of Environmental Data on Organic Chemicals, 2nd ed. Van Nostrand Reinhold Co., New York, USA: 518- 519. Testing of substances for their toxicity threshold: Model organisms Microcystis (Diplocystis) aeruginosa and Scenedesmus quadricauda. Results of the harmful effects of water pollutants to green algae (Scenedesmus subspicatus) in the cell multiplication inhibition test.
	Fish	
Decan-1-ol, ethoxylated	Aquatic invertebrates	EC50 Daphnia magna 13.5 mg/Lt (48H) [1] [1] OECD 202
CAS No: 26183-52-8 EC No: 500-046-6	Aquatic plants	EC50 Algae 12 mg/Lt (72H) [1] [1] OECD 201

12.2 Persistence and degradability.

No information is available regarding the biodegradability of the substances present.

No information is available on the degradability of the substances present.No information is available about persistence and degradability of the product.

The components of the product comply with the biodegradability criteria of Regulation (EC) No 648/2004 on detergents.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
Name	Log Pow	BCF	NOECs	Level
2,2',2"-nitrilotriethanol	1		16mg/l	Vondow
CAS No: 102-71-6 EC No: 203-049-8	-1	-	16mg/L	Very low

12.4 Mobility in soil.

No information is available about the mobility in soil. The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

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12.6 Endocrine disrupting properties.

This product doesn't contain components with environmental endocrine disrupting properties.

12.7 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number or ID number.

Transportation is not dangerous.

14.2 UN proper shipping name.

Description:	
ADR:	Transportation is not dangerous.
IMDG:	Transportation is not dangerous.
ICAO/IATA:	Transportation is not dangerous.

14.3 Transport hazard class(es).

Transportation is not dangerous.

14.4 Packing group.

Transportation is not dangerous.

14.5 Environmental hazards.

Transportation is not dangerous.

14.6 Special precautions for user.

,Transportation is not dangerous.

14.7 Maritime transport in bulk according to IMO instruments.

Transportation is not dangerous.

SECTION 15: REGULATORY INFORMATION.

15.1 Safety, health and environmental regulations/legislation specific for the mixture.

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Volatile organic compound (VOC) VOC content (p/p): 0 % VOC content: 0 g/l

The product complies with Regulation (EC) No 648/2004 on detergents. <u>Contains in accordance with Regulation (EC) No 648/2004 on detergents:</u> non-ionic surfactants

< 5%

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): N/A

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The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Kind of pollutant for the water (Germany): WGK 1: Slightly hazardous for the water. (Autoclassified according to the AwSV Regulations)

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H302	Harmful if swallowed.
H318	Causes serious eye damage.

Classification codes:

Acute Tox. 4 : Acute toxicity (Oral), Category 4 Eye Irrit. 2 : Eye irritation, Category 2

Changes regarding to the previous version:

- Changes in sections 2, 3 and 11 of this Safety Data Sheet

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Information on the TSCA Inventory (Toxic Substances Control Act) USA:

CAS No	Name	State
102-71-6	2,2',2"-nitrilotriethanol	Registered10
26183-52-8	Decan-1-ol, ethoxylated	Registered10

Risk classification system NFPA 704:



Health hazard: 2 (Hazardous) Flammability: 0 (Will not burn) Reactivity: 0 (Stable)

Abbreviations and acronyms used:

- AwSV: Facility Regulations for handling substances that are hazardous for the water.
- BCF: Bioconcentration factor.
- European Committee for Standardization. CEN:
- DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
- DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not

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anticipated.

- EC50: Half maximal effective concentration.
- PPE: Personal protection equipment.
- LC50: Lethal concentration, 50%.
- LD50: Lethal dose, 50%.
- Log Pow: Logarithm of the partition octanol-water.
- NOEC: No observed effect concentration.
- PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.
- WGK: Water hazard classes.

Key literature references and sources for data: http://eur-lex.europa.eu/homepage.html http://echa.europa.eu/ Regulation (EU) 2020/878. Regulation (EC) No 1907/2006. Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.